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Form **990**Department of the Treasury  
Internal Revenue Service**Return of Organization Exempt From Income Tax**  
Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

▶ Do not enter Social Security numbers on this form as it may be made public.  
▶ Information about Form 990 and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047

**2013**Open to Public  
Inspection**A** For the 2013 calendar year, or tax year beginning **JUL 1, 2013** and ending **JUN 30, 2014****B** Check if applicable

- ☐ Address change  
☐ Name change  
☐ Initial return  
☐ Terminated  
☐ Amended return  
☐ Application pending

**C** Name of organization**AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.****Doing Business As**Number and street (or P O box if mail is not delivered to street address) Room/suite  
**1791 TULLIE CIRCLE N.E.**City or town, state or province, country, and ZIP or foreign postal code  
**ATLANTA, GA 30329****F** Name and address of principal officer: **JEFF LITTLETON  
SAME AS C ABOVE****D** Employer identification number**13-5675095****E** Telephone number**(404) 636-8400****G** Gross receipts \$**27,000,924.****H(a)** Is this a group return  
for subordinates? ☐ Yes ☒ No**H(b)** Are all subordinates included? ☐ Yes ☐ No  
If "No," attach a list. (see instructions)**H(c)** Group exemption number ▶**I** Tax-exempt status: ☒ 501(c)(3) ☐ 501(c) ( ) (insert no ) ☐ 4947(a)(1) or ☐ 527**J** Website: ▶ **WWW.ASHRAE.ORG****K** Form of organization ☒ Corporation ☐ Trust ☐ Association ☐ Other ▶**L** Year of formation **1894** **M** State of legal domicile **NY****Part I Summary**

| Activities & Governance                                                                                                                                                             |                                                                                    | Revenue |             | Expenses                  |             | Net Assets or Fund Balances |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------|-------------|---------------------------|-------------|-----------------------------|--|
| 1 Briefly describe the organization's mission or most significant activities: <b>THE MISSION OF AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.</b> |                                                                                    |         |             |                           |             |                             |  |
| 2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets.                                           |                                                                                    |         |             |                           |             |                             |  |
| 3                                                                                                                                                                                   | Number of voting members of the governing body (Part VI, line 1a)                  | 3       | 30          |                           |             |                             |  |
| 4                                                                                                                                                                                   | Number of independent voting members of the governing body (Part VI, line 1b)      | 4       | 30          |                           |             |                             |  |
| 5                                                                                                                                                                                   | Total number of individuals employed in calendar year 2013 (Part V, line 2a)       | 5       | 112         |                           |             |                             |  |
| 6                                                                                                                                                                                   | Total number of volunteers (estimate if necessary)                                 | 6       | 53144       |                           |             |                             |  |
| 7a                                                                                                                                                                                  | Total unrelated business revenue from Part VIII, column (C), line 12               | 7a      | 4,269,981.  |                           |             |                             |  |
| 7b                                                                                                                                                                                  | Net unrelated business taxable income from Form 990-T, line 34                     | 7b      | 0.          |                           |             |                             |  |
|                                                                                                                                                                                     |                                                                                    |         |             | Prior Year                |             | Current Year                |  |
| 8                                                                                                                                                                                   | Contributions and grants (Part VIII, line 1h)                                      | 8       | 1,738,133.  | 8                         | 1,852,229.  |                             |  |
| 9                                                                                                                                                                                   | Program service revenue (Part VIII, line 2g)                                       | 9       | 17,938,330. | 9                         | 18,742,809. |                             |  |
| 10                                                                                                                                                                                  | Investment income (Part VIII, column (A), lines 3, 4, and 7d)                      | 10      | 890,176.    | 10                        | 570,262.    |                             |  |
| 11                                                                                                                                                                                  | Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)           | 11      | 4,564,994.  | 11                        | 4,492,177.  |                             |  |
| 12                                                                                                                                                                                  | Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12) | 12      | 25,131,633. | 12                        | 25,657,477. |                             |  |
| 13                                                                                                                                                                                  | Grants and similar amounts paid (Part IX, column (A), lines 1-3)                   | 13      | 92,546.     | 13                        | 101,318.    |                             |  |
| 14                                                                                                                                                                                  | Benefits paid to or for members (Part IX, column (A), line 4)                      | 14      | 0.          | 14                        | 0.          |                             |  |
| 15                                                                                                                                                                                  | Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)  | 15      | 9,626,968.  | 15                        | 9,795,323.  |                             |  |
| 16a                                                                                                                                                                                 | Professional fundraising fees (Part IX, column (A), line 11e)                      | 16a     | 0.          | 16a                       | 0.          |                             |  |
| b                                                                                                                                                                                   | Total fundraising expenses (Part IX, column (D), line 25) ▶ <b>548,564.</b>        | b       |             | b                         |             |                             |  |
| 17                                                                                                                                                                                  | Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)                       | 17      | 16,105,527. | 17                        | 16,336,683. |                             |  |
| 18                                                                                                                                                                                  | Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)          | 18      | 25,825,041. | 18                        | 26,233,324. |                             |  |
| 19                                                                                                                                                                                  | Revenue less expenses. Subtract line 18 from line 12                               | 19      | -693,408.   | 19                        | -575,847.   |                             |  |
|                                                                                                                                                                                     |                                                                                    |         |             | Beginning of Current Year |             | End of Year                 |  |
| 20                                                                                                                                                                                  | Total assets (Part X, line 16)                                                     | 20      | 28,104,612. | 20                        | 30,202,122. |                             |  |
| 21                                                                                                                                                                                  | Total liabilities (Part X, line 26)                                                | 21      | 11,362,802. | 21                        | 11,834,492. |                             |  |
| 22                                                                                                                                                                                  | Net assets or fund balances. Subtract line 21 from line 20                         | 22      | 16,741,810. | 22                        | 18,367,630. |                             |  |

**Part II Signature Block**

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

|                               |                                                                              |                                  |                 |                                                 |                  |
|-------------------------------|------------------------------------------------------------------------------|----------------------------------|-----------------|-------------------------------------------------|------------------|
| <b>Sign Here</b>              | Signature of officer                                                         | <b>JEFF LITTLETON, SECRETARY</b> |                 | Date                                            | <b>4/8/15</b>    |
|                               | Type or print name and title                                                 |                                  |                 |                                                 |                  |
| <b>Paid Preparer Use Only</b> | Print/Type preparer's name                                                   | Preparer's signature             | Date            | Check if self-employed <input type="checkbox"/> | PTIN             |
|                               | <b>G. BLISS JONES</b>                                                        | <b>G. Bliss Jones CPA</b>        | <b>4/3/2015</b> | <input type="checkbox"/>                        | <b>P00087087</b> |
|                               | Firm's name ▶ <b>JONES AND KOLB</b>                                          | Firm's EIN ▶ <b>58-1763570</b>   |                 |                                                 |                  |
|                               | Firm's address ▶ <b>3475 PIEDMONT ROAD, SUITE 1500<br/>ATLANTA, GA 30305</b> | Phone no (404) <b>262-7920</b>   |                 |                                                 |                  |

May the IRS discuss this return with the preparer shown above? (see instructions)

☒ Yes ☐ No

332001 10-29-13

LHA For Paperwork Reduction Act Notice, see the separate instructions.

Form **990** (2013)**SEE SCHEDULE O FOR ORGANIZATION MISSION STATEMENT CONTINUATION**

SCANNED MAY 19 2015

917 14

**Part III Statement of Program Service Accomplishments**

Check if Schedule O contains a response or note to any line in this Part III

☒ X**1** Briefly describe the organization's mission:

THE MISSION OF AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC. ("ASHRAE") IS TO ADVANCE THE ARTS AND SCIENCES OF HEATING, VENTILATING AND REFRIGERATING TO SERVE HUMANITY AND PROMOTE A SUSTAINABLE WORLD.

**2** Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ?☐ Yes ☒ No

If "Yes," describe these new services on Schedule O.

**3** Did the organization cease conducting, or make significant changes in how it conducts, any program services?☐ Yes ☒ No

If "Yes," describe these changes on Schedule O.

**4** Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses.

Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

**4a** (Code \_\_\_\_\_) (Expenses \$ 8,487,600. including grants of \$ \_\_\_\_\_) (Revenue \$ 7,339,509.)

PUBLISHING AND EDUCATION - INCLUDING ELECTRONIC COMMUNICATIONS, HANDBOOK, PROFESSIONAL DEVELOPMENT, PUBLICATIONS AND SOCIETY PROGRAMS.

**4b** (Code \_\_\_\_\_) (Expenses \$ 5,312,100. including grants of \$ \_\_\_\_\_) (Revenue \$ 7,325,310.)

MEMBERS' COUNCIL - INCLUDING ADMISSIONS AND ADVANCEMENT, REGIONAL CHAPTERS, HONORS & AWARDS AND MEETINGS

**4c** (Code \_\_\_\_\_) (Expenses \$ 3,249,639. including grants of \$ 101,318.) (Revenue \$ 105,000.)

RESEARCH - INCLUDING ALTERNATIVE REFRIGERANTS, INDOOR AIR QUALITY, ENERGY CONSERVATION, DESIGN TOOLS, HEALTH & SAFETY, REFRIGERATION AND FOOD PROCESSING AND PRESERVATION.

**4d** Other program services (Describe in Schedule O.)

(Expenses \$ 1,760,400. including grants of \$ \_\_\_\_\_) (Revenue \$ 4,195,186.)

**4e** Total program service expenses 18,809,739.

**Part IV Checklist of Required Schedules**

|                                                                                                                                                                                                                                                                                                                           | Yes      | No       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| <b>1</b> Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)?<br><i>If "Yes," complete Schedule A</i>                                                                                                                                                                      | <b>X</b> |          |
| <b>2</b> Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> ?                                                                                                                                                                                                                           | <b>X</b> |          |
| <b>3</b> Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I</i>                                                                                                                      |          | <b>X</b> |
| <b>4</b> <b>Section 501(c)(3) organizations.</b> Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II</i>                                                                                                       | <b>X</b> |          |
| <b>5</b> Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? <i>If "Yes," complete Schedule C, Part III</i>                                                                               |          | <b>X</b> |
| <b>6</b> Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I</i>                                                    |          | <b>X</b> |
| <b>7</b> Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? <i>If "Yes," complete Schedule D, Part II</i>                                                                                            |          | <b>X</b> |
| <b>8</b> Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i>                                                                                                                                                         |          | <b>X</b> |
| <b>9</b> Did the organization report an amount in Part X, line 21, for escrow or custodial account liability; serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services?<br><i>If "Yes," complete Schedule D, Part IV</i>         |          | <b>X</b> |
| <b>10</b> Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V</i>                                                                                                     | <b>X</b> |          |
| <b>11</b> If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.                                                                                                                                                                 |          |          |
| <b>a</b> Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI</i>                                                                                                                                                                       | <b>X</b> |          |
| <b>b</b> Did the organization report an amount for investments - other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII</i>                                                                                                   |          | <b>X</b> |
| <b>c</b> Did the organization report an amount for investments - program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII</i>                                                                                                   |          | <b>X</b> |
| <b>d</b> Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX</i>                                                                                                                      |          | <b>X</b> |
| <b>e</b> Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i>                                                                                                                                                                                     | <b>X</b> |          |
| <b>f</b> Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X</i>                                                            | <b>X</b> |          |
| <b>12a</b> Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i>                                                                                                                                                        |          | <b>X</b> |
| <b>b</b> Was the organization included in consolidated, independent audited financial statements for the tax year?<br><i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional</i>                                                                        | <b>X</b> |          |
| <b>13</b> Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>                                                                                                                                                                                                        |          | <b>X</b> |
| <b>14a</b> Did the organization maintain an office, employees, or agents outside of the United States?                                                                                                                                                                                                                    |          | <b>X</b> |
| <b>b</b> Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? <i>If "Yes," complete Schedule F, Parts I and IV</i> |          | <b>X</b> |
| <b>15</b> Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? <i>If "Yes," complete Schedule F, Parts II and IV</i>                                                                                                           |          | <b>X</b> |
| <b>16</b> Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? <i>If "Yes," complete Schedule F, Parts III and IV</i>                                                                                                     | <b>X</b> |          |
| <b>17</b> Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I</i>                                                                                                               |          | <b>X</b> |
| <b>18</b> Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II</i>                                                                                                                           |          | <b>X</b> |
| <b>19</b> Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III</i>                                                                                                                                                     |          | <b>X</b> |
| <b>20a</b> Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>                                                                                                                                                                                                             |          | <b>X</b> |
| <b>b</b> If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?                                                                                                                                                                                                     |          |          |

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**Part IV Checklist of Required Schedules** (continued)

|                                                                                                                                                                                                                                                                                                                            | Yes      | No       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| <b>21</b> Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>                                                                                                      |          | <b>X</b> |
| <b>22</b> Did the organization report more than \$5,000 of grants or other assistance to individuals in the United States on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>                                                                                                            | <b>X</b> |          |
| <b>23</b> Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i>                                                      | <b>X</b> |          |
| <b>24a</b> Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a</i>                           |          | <b>X</b> |
| <b>24b</b> Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?                                                                                                                                                                                                               |          |          |
| <b>24c</b> Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?                                                                                                                                                                      |          |          |
| <b>24d</b> Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?                                                                                                                                                                                                         |          |          |
| <b>25a</b> <b>Section 501(c)(3) and 501(c)(4) organizations.</b> Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>                                                                                                     |          | <b>X</b> |
| <b>25b</b> Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>                                      |          | <b>X</b> |
| <b>26</b> Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If so, complete Schedule L, Part II</i>                                    |          | <b>X</b> |
| <b>27</b> Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i> |          | <b>X</b> |
| <b>28</b> Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions):                                                                                                                    |          |          |
| <b>28a</b> A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>                                                                                                                                                                                                  |          | <b>X</b> |
| <b>28b</b> A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>                                                                                                                                                                               |          | <b>X</b> |
| <b>28c</b> An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i>                                                                                   |          | <b>X</b> |
| <b>29</b> Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>                                                                                                                                                                                                  |          | <b>X</b> |
| <b>30</b> Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>                                                                                                                                  |          | <b>X</b> |
| <b>31</b> Did the organization liquidate, terminate, or dissolve and cease operations?<br><i>If "Yes," complete Schedule N, Part I</i>                                                                                                                                                                                     |          | <b>X</b> |
| <b>32</b> Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>                                                                                                                                                                      |          | <b>X</b> |
| <b>33</b> Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>                                                                                                                      |          | <b>X</b> |
| <b>34</b> Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i>                                                                                                                                                                  | <b>X</b> |          |
| <b>35a</b> Did the organization have a controlled entity within the meaning of section 512(b)(13)?                                                                                                                                                                                                                         |          | <b>X</b> |
| <b>35b</b> If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i>                                                                                        |          |          |
| <b>36</b> <b>Section 501(c)(3) organizations.</b> Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>                                                                                                                           |          | <b>X</b> |
| <b>37</b> Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>                                                                             |          | <b>X</b> |
| <b>38</b> Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19?                                                                                                                                                                                                   | <b>X</b> |          |

**Note.** All Form 990 filers are required to complete Schedule O

Form **990** (2013)

**Part V Statements Regarding Other IRS Filings and Tax Compliance**

Check if Schedule O contains a response or note to any line in this Part V ☐

|                                                                                                                                                                                                                                                                                |     | Yes | No |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----|
| <b>1a</b> Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable                                                                                                                                                                                         | 78  |     |    |
| <b>1b</b> Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable                                                                                                                                                                                      | 0   |     |    |
| <b>c</b> Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?                                                                                                              |     | X   |    |
| <b>2a</b> Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return                                                                                        | 112 |     |    |
| <b>b</b> If at least one is reported on line 2a, did the organization file all required federal employment tax returns?<br><b>Note.</b> If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions)                                    |     | X   |    |
| <b>3a</b> Did the organization have unrelated business gross income of \$1,000 or more during the year?                                                                                                                                                                        |     | X   |    |
| <b>b</b> If "Yes," has it filed a Form 990-T for this year? If "No," to line 3b, provide an explanation in Schedule O                                                                                                                                                          |     | X   |    |
| <b>4a</b> At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?                           |     | X   |    |
| <b>b</b> If "Yes," enter the name of the foreign country: <b>CANADA</b><br>See instructions for filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.                                                                                      |     |     |    |
| <b>5a</b> Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?                                                                                                                                                                |     |     | X  |
| <b>b</b> Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?                                                                                                                                                      |     |     | X  |
| <b>c</b> If "Yes," to line 5a or 5b, did the organization file Form 8886-T?                                                                                                                                                                                                    |     |     |    |
| <b>6a</b> Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?                                                              |     |     | X  |
| <b>b</b> If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?                                                                                                                         |     |     |    |
| <b>7 Organizations that may receive deductible contributions under section 170(c).</b>                                                                                                                                                                                         |     |     |    |
| <b>a</b> Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?                                                                                                                       |     |     | X  |
| <b>b</b> If "Yes," did the organization notify the donor of the value of the goods or services provided?                                                                                                                                                                       |     |     |    |
| <b>c</b> Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?                                                                                                                                  |     |     | X  |
| <b>d</b> If "Yes," indicate the number of Forms 8282 filed during the year                                                                                                                                                                                                     |     |     |    |
| <b>e</b> Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?                                                                                                                                                       |     |     |    |
| <b>f</b> Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?                                                                                                                                                          |     |     |    |
| <b>g</b> If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?                                                                                                                                      |     |     |    |
| <b>h</b> If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?                                                                                                                                    |     |     |    |
| <b>8 Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations.</b> Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year? |     |     |    |
| <b>9 Sponsoring organizations maintaining donor advised funds.</b>                                                                                                                                                                                                             |     |     |    |
| <b>a</b> Did the organization make any taxable distributions under section 4966?                                                                                                                                                                                               |     |     |    |
| <b>b</b> Did the organization make a distribution to a donor, donor advisor, or related person?                                                                                                                                                                                |     |     |    |
| <b>10 Section 501(c)(7) organizations.</b> Enter:                                                                                                                                                                                                                              |     |     |    |
| <b>a</b> Initiation fees and capital contributions included on Part VIII, line 12                                                                                                                                                                                              |     |     |    |
| <b>b</b> Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities                                                                                                                                                                           |     |     |    |
| <b>11 Section 501(c)(12) organizations.</b> Enter:                                                                                                                                                                                                                             |     |     |    |
| <b>a</b> Gross income from members or shareholders                                                                                                                                                                                                                             |     |     |    |
| <b>b</b> Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them.)                                                                                                                                          |     |     |    |
| <b>12a Section 4947(a)(1) non-exempt charitable trusts.</b> Is the organization filing Form 990 in lieu of Form 1041?                                                                                                                                                          |     |     |    |
| <b>b</b> If "Yes," enter the amount of tax-exempt interest received or accrued during the year                                                                                                                                                                                 |     |     |    |
| <b>13 Section 501(c)(29) qualified nonprofit health insurance issuers.</b>                                                                                                                                                                                                     |     |     |    |
| <b>a</b> Is the organization licensed to issue qualified health plans in more than one state?<br><b>Note.</b> See the instructions for additional information the organization must report on Schedule O.                                                                      |     |     |    |
| <b>b</b> Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans                                                                                                             |     |     |    |
| <b>c</b> Enter the amount of reserves on hand                                                                                                                                                                                                                                  |     |     |    |
| <b>14a</b> Did the organization receive any payments for indoor tanning services during the tax year?                                                                                                                                                                          |     |     | X  |
| <b>b</b> If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O                                                                                                                                                             |     |     |    |

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**Part VI Governance, Management, and Disclosure** For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

Check if Schedule O contains a response or note to any line in this Part VI ☒ **X**

**Section A. Governing Body and Management**

|                                                                                                                                                                                                                                                                                                                   | Yes | No       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| <b>1a</b> Enter the number of voting members of the governing body at the end of the tax year<br>If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O | 30  |          |
| <b>1b</b> Enter the number of voting members included in line 1a, above, who are independent                                                                                                                                                                                                                      | 30  |          |
| <b>2</b> Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?                                                                                                                                    | 2   | <b>X</b> |
| <b>3</b> Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, or trustees, or key employees to a management company or other person?                                                                                     | 3   | <b>X</b> |
| <b>4</b> Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?                                                                                                                                                                                         | 4   | <b>X</b> |
| <b>5</b> Did the organization become aware during the year of a significant diversion of the organization's assets?                                                                                                                                                                                               | 5   | <b>X</b> |
| <b>6</b> Did the organization have members or stockholders?                                                                                                                                                                                                                                                       | 6   | <b>X</b> |
| <b>7a</b> Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?                                                                                                                                                      | 7a  | <b>X</b> |
| <b>7b</b> Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?                                                                                                                                               | 7b  | <b>X</b> |
| <b>8</b> Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:                                                                                                                                                                        |     |          |
| <b>a</b> The governing body?                                                                                                                                                                                                                                                                                      | 8a  | <b>X</b> |
| <b>b</b> Each committee with authority to act on behalf of the governing body?                                                                                                                                                                                                                                    | 8b  | <b>X</b> |
| <b>9</b> Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O                                                                                             | 9   | <b>X</b> |

**Section B. Policies** (This Section B requests information about policies not required by the Internal Revenue Code.)

|                                                                                                                                                                                                                                                                                                       | Yes | No       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| <b>10a</b> Did the organization have local chapters, branches, or affiliates?                                                                                                                                                                                                                         | 10a | <b>X</b> |
| <b>b</b> If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?                                                                   | 10b | <b>X</b> |
| <b>11a</b> Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?                                                                                                                                                                | 11a | <b>X</b> |
| <b>b</b> Describe in Schedule O the process, if any, used by the organization to review this Form 990.                                                                                                                                                                                                |     |          |
| <b>12a</b> Did the organization have a written conflict of interest policy? If "No," go to line 13                                                                                                                                                                                                    | 12a | <b>X</b> |
| <b>b</b> Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?                                                                                                                                                          | 12b | <b>X</b> |
| <b>c</b> Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done                                                                                                                                           | 12c | <b>X</b> |
| <b>13</b> Did the organization have a written whistleblower policy?                                                                                                                                                                                                                                   | 13  | <b>X</b> |
| <b>14</b> Did the organization have a written document retention and destruction policy?                                                                                                                                                                                                              | 14  | <b>X</b> |
| <b>15</b> Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?                                                                        |     |          |
| <b>a</b> The organization's CEO, Executive Director, or top management official                                                                                                                                                                                                                       | 15a | <b>X</b> |
| <b>b</b> Other officers or key employees of the organization                                                                                                                                                                                                                                          | 15b | <b>X</b> |
| If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions).                                                                                                                                                                                                                   |     |          |
| <b>16a</b> Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?                                                                                                                                      | 16a | <b>X</b> |
| <b>b</b> If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements? | 16b |          |

**Section C. Disclosure**

**17** List the states with which a copy of this Form 990 is required to be filed **GA**

**18** Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.  
☒ Own website    ☒ Another's website    ☒ Upon request    ☐ Other (explain in Schedule O)

**19** Describe in Schedule O whether (and if so, how), the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.

**20** State the name, physical address, and telephone number of the person who possesses the books and records of the organization: **ASHRAE, INC. C/O CINDY SIMMONS - 404-636-8400**  
**1791 TULLIE CIRCLE NE, ATLANTA, GA 30329-2305**

**Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors**

Check if Schedule O contains a response or note to any line in this Part VII ☐

**Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees**

**1a** Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former** directors or trustees that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

☐ Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

| (A)<br>Name and Title                                 | (B)<br>Average hours per week (list any hours for related organizations below line) | (C)<br>Position<br>(do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W-2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W-2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|-------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|----------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                       |                                                                                     | Individual trustee or director                                                                               | Institutional trustee | Officer | Key employee | Highest compensated employee | Former |                                                                      |                                                                           |                                                                                               |
| (1) WILLIAM P. BAHNFLETH<br>PRESIDENT                 | 1.00                                                                                | X                                                                                                            |                       | X       |              |                              |        | 74,814.                                                              | 0.                                                                        | 0.                                                                                            |
| (2) THOMAS H. PHOENIX<br>PRESIDENT - ELECT            | 1.00                                                                                | X                                                                                                            |                       | X       |              |                              |        | 9,307.                                                               | 0.                                                                        | 0.                                                                                            |
| (3) T. DAVID UNDERWOOD<br>TREASURER                   | 1.00                                                                                | X                                                                                                            |                       | X       |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (4) DARRYL K. BOYCE, P. ENG.<br>VICE PRESIDENT        | 1.00                                                                                | X                                                                                                            |                       | X       |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (5) PROF BJARNE WILKENS OLESEN, PHD<br>VICE PRESIDENT | 1.00                                                                                | X                                                                                                            |                       | X       |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (6) DANIEL C. PETTWAY<br>VICE PRESIDENT               | 1.00                                                                                | X                                                                                                            |                       | X       |              |                              |        | 8,356.                                                               | 0.                                                                        | 0.                                                                                            |
| (7) THOMAS E. WERKEMA, JR.<br>VICE PRESIDENT          | 1.00                                                                                | X                                                                                                            |                       | X       |              |                              |        | 5,360.                                                               | 0.                                                                        | 0.                                                                                            |
| (8) JEFF H LITTLETON<br>SECRETARY                     | 40.00                                                                               | X                                                                                                            |                       | X       |              |                              |        | 307,801.                                                             | 0.                                                                        | 29,380.                                                                                       |
| (9) JOSEPH L. FURMAN<br>DIRECTOR                      | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (10) ISABELLE LAVOIE<br>DIRECTOR                      | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (11) PAUL E. PETRILLI<br>DIRECTOR                     | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (12) M. GINGER SCOGGINS, PE, LEED-AP<br>DIRECTOR      | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (13) RICHARD A. ZBIN<br>DIRECTOR                      | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (14) MARK F. MILLER<br>DIRECTOR                       | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (15) JEFF GATLIN, PE, PE<br>DIRECTOR                  | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (16) JOHN L. HARROD<br>DIRECTOR                       | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (17) RICHARD J. BOWMAN<br>DIRECTOR                    | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |



**AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.**

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**Part VII** Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

| (A)<br>Name and title                                          | (B)<br>Average hours per week (list any hours for related organizations below line) | (C)<br>Position<br>(do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W-2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W-2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|----------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                                |                                                                                     | Individual trustee or director                                                                               | Institutional trustee | Officer | Key employee | Highest compensated employee | Former |                                                                      |                                                                           |                                                                                               |
| (18) MICHAEL T. BURGESS, PE, CPMP, L<br>DIRECTOR               | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (19) KEVIN L. MARPLE<br>DIRECTOR                               | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (20) JENNIFER A. ISENBECK, PE<br>DIRECTOR                      | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (21) EDWARD KA CHEUNG TSUI<br>DIRECTOR                         | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (22) ASHOK K. VIRMANI<br>DIRECTOR                              | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (23) PROF. ROBERTO R. AGUILO, PE<br>DIRECTOR                   | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (24) CHARLES H. CULP, III, PE<br>DIRECTOR                      | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (25) K. WILLIAM DEAN, P. ENG<br>DIRECTOR                       | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| (26) PATRICIA T. GRAEF<br>DIRECTOR                             | 1.00                                                                                | X                                                                                                            |                       |         |              |                              |        | 0.                                                                   | 0.                                                                        | 0.                                                                                            |
| <b>1b Sub-total</b>                                            |                                                                                     |                                                                                                              |                       |         |              |                              |        | 405,638.                                                             | 0.                                                                        | 29,380.                                                                                       |
| <b>c Total from continuation sheets to Part VII, Section A</b> |                                                                                     |                                                                                                              |                       |         |              |                              |        | 1,155,002.                                                           | 0.                                                                        | 93,801.                                                                                       |
| <b>d Total (add lines 1b and 1c)</b>                           |                                                                                     |                                                                                                              |                       |         |              |                              |        | 1,560,640.                                                           | 0.                                                                        | 123,181.                                                                                      |

**2** Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization **9**

|                                                                                                                                                                                                                                       | Yes | No |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| <b>3</b> Did the organization list any <b>former</b> officer, director, or trustee, key employee, or highest compensated employee on line 1a? If "Yes," complete Schedule J for such individual                                       |     | X  |
| <b>4</b> For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? If "Yes," complete Schedule J for such individual | X   |    |
| <b>5</b> Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? If "Yes," complete Schedule J for such person                       |     | X  |

**Section B. Independent Contractors**

**1** Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

| (A)<br>Name and business address                                  | (B)<br>Description of services | (C)<br>Compensation |
|-------------------------------------------------------------------|--------------------------------|---------------------|
| LANE PRESS<br>P.O. BOX 130, BURLINGTON, VT 05402                  | PRINTING AND MAILING JOURNALS  | 1,082,492.          |
| KING AND SPALDING LLP<br>1180 PEACHTREE STREET, ATLANTA, GA 30309 | LEGAL REPRESENTATION           | 581,392.            |
|                                                                   |                                |                     |
|                                                                   |                                |                     |
|                                                                   |                                |                     |

**2** Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization **2**

**SEE PART VII, SECTION A CONTINUATION SHEETS**

Form **990** (2013)

**AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.**

13-5675095

Form 990

**Part VII** Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

| (A)<br>Name and title                                  | (B)<br>Average<br>hours<br>per<br>week<br>(list any<br>hours for<br>related<br>organizations<br>below<br>line) | (C)<br>Position<br>(check all that apply) |                       |         |              |                              |        | (D)<br>Reportable<br>compensation<br>from<br>the<br>organization<br>(W-2/1099-MISC) | (E)<br>Reportable<br>compensation<br>from related<br>organizations<br>(W-2/1099-MISC) | (F)<br>Estimated<br>amount of<br>other<br>compensation<br>from the<br>organization<br>and related<br>organizations |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                                        |                                                                                                                | Individual trustee or director            | Institutional trustee | Officer | Key employee | Highest compensated employee | Former |                                                                                     |                                                                                       |                                                                                                                    |
| (27) DR. JULIA A. KEEN, PE<br>DIRECTOR                 | 1.00                                                                                                           | X                                         |                       |         |              |                              |        | 0.                                                                                  | 0.                                                                                    | 0.                                                                                                                 |
| (28) STEPHEN D. KENNEDY<br>DIRECTOR                    | 1.00                                                                                                           | X                                         |                       |         |              |                              |        | 0.                                                                                  | 0.                                                                                    | 0.                                                                                                                 |
| (29) BEN A. LEPPARD, JR. PE<br>DIRECTOR                | 1.00                                                                                                           | X                                         |                       |         |              |                              |        | 0.                                                                                  | 0.                                                                                    | 0.                                                                                                                 |
| (30) KIRK T. MESCHER, PE<br>DIRECTOR                   | 1.00                                                                                                           | X                                         |                       |         |              |                              |        | 0.                                                                                  | 0.                                                                                    | 0.                                                                                                                 |
| (31) DENNIS J. WESSEL<br>DIRECTOR                      | 1.00                                                                                                           | X                                         |                       |         |              |                              |        | 0.                                                                                  | 0.                                                                                    | 0.                                                                                                                 |
| (32) CINDY SIMMONS<br>DIRECTOR OF ADMINISTRATIVE       | 40.00                                                                                                          |                                           |                       | X       |              |                              |        | 159,827.                                                                            | 0.                                                                                    | 15,473.                                                                                                            |
| (33) W. STEPHEN COMSTOCK<br>DIRECTOR OF PUBLICATIONS & | 40.00                                                                                                          |                                           |                       | X       |              |                              |        | 206,583.                                                                            | 0.                                                                                    | 17,514.                                                                                                            |
| (34) DOUG READ<br>PROGRAM DIRECTOR - GOVT AF           | 40.00                                                                                                          |                                           |                       | X       |              |                              |        | 164,196.                                                                            | 0.                                                                                    | 14,021.                                                                                                            |
| (35) CLAIRE RAMSPECK<br>DIRECTOR OF TECHNOLOGY         | 40.00                                                                                                          |                                           |                       | X       |              |                              |        | 158,887.                                                                            | 0.                                                                                    | 14,245.                                                                                                            |
| (36) JOYCE ABRAMS<br>GROUP MANANGER EDUCATION          | 40.00                                                                                                          |                                           |                       |         |              | X                            |        | 128,006.                                                                            | 0.                                                                                    | 7,422.                                                                                                             |
| (37) FRED P. TURNER<br>EDITOR JOURNAL                  | 40.00                                                                                                          |                                           |                       |         |              | X                            |        | 121,637.                                                                            | 0.                                                                                    | 9,071.                                                                                                             |
| (38) MICHAEL R. VAUGHN<br>MANAGER RESEARCH TECHNICAL   | 40.00                                                                                                          |                                           |                       |         |              | X                            |        | 114,757.                                                                            | 0.                                                                                    | 8,528.                                                                                                             |
| (39) MARK OWENS<br>EDITOR JOURNAL                      | 40.00                                                                                                          |                                           |                       |         |              | X                            |        | 101,109.                                                                            | 0.                                                                                    | 7,527.                                                                                                             |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
|                                                        |                                                                                                                |                                           |                       |         |              |                              |        |                                                                                     |                                                                                       |                                                                                                                    |
| Total to Part VII, Section A, line 1c                  |                                                                                                                |                                           |                       |         |              |                              |        | 1,155,002.                                                                          |                                                                                       | 93,801.                                                                                                            |

**AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.**

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**Part VIII Statement of Revenue**

Check if Schedule O contains a response or note to any line in this Part VIII ☐

|                                                                   |                                                                                                                                              |                |                      | (A)<br>Total revenue | (B)<br>Related or<br>exempt function<br>revenue | (C)<br>Unrelated<br>business<br>revenue | (D)<br>Revenue excluded<br>from tax under<br>sections<br>512 - 514 |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|----------------------|-------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------|
| <b>Contributions, Gifts, Grants<br/>and Other Similar Amounts</b> | <b>1 a</b> Federated campaigns                                                                                                               | <b>1a</b>      |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>b</b> Membership dues                                                                                                                     | <b>1b</b>      |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>c</b> Fundraising events                                                                                                                  | <b>1c</b>      |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>d</b> Related organizations                                                                                                               | <b>1d</b>      |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>e</b> Government grants (contributions)                                                                                                   | <b>1e</b>      |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>f</b> All other contributions, gifts, grants, and<br>similar amounts not included above                                                   | <b>1f</b>      | 1,852,229.           |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>g</b> Noncash contributions included in lines 1a-1f \$                                                                                    |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>h Total.</b> Add lines 1a-1f                                                                                                              |                |                      | 1,852,229.           |                                                 |                                         |                                                                    |
| <b>Program Service<br/>Revenue</b>                                | <b>Business Code</b>                                                                                                                         |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>2 a</b> MEMBERSHIP DUES                                                                                                                   | 541900         |                      | 7,325,310.           | 7,325,310.                                      |                                         |                                                                    |
|                                                                   | <b>b</b> EXPOSITION INCOME                                                                                                                   | 541900         |                      | 3,972,990.           | 3,972,990.                                      |                                         |                                                                    |
|                                                                   | <b>c</b> PUBLICATION SALES                                                                                                                   | 541900         |                      | 3,803,617.           | 3,803,617.                                      |                                         |                                                                    |
|                                                                   | <b>d</b> MEETING AND SEMINAR                                                                                                                 | 541900         |                      | 3,535,892.           | 3,535,892.                                      |                                         |                                                                    |
|                                                                   | <b>e</b> SPECIAL PROJECTS                                                                                                                    | 541900         |                      | 105,000.             | 105,000.                                        |                                         |                                                                    |
|                                                                   | <b>f</b> All other program service revenue                                                                                                   |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>g Total.</b> Add lines 2a-2f                                                                                                              |                |                      | 18,742,809.          |                                                 |                                         |                                                                    |
| <b>Other Revenue</b>                                              | <b>3</b> Investment income (including dividends, interest, and<br>other similar amounts)                                                     |                |                      | 372,781.             |                                                 |                                         | 372,781.                                                           |
|                                                                   | <b>4</b> Income from investment of tax-exempt bond proceeds                                                                                  |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>5</b> Royalties                                                                                                                           |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   |                                                                                                                                              | (i) Real       | (ii) Personal        |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>6 a</b> Gross rents                                                                                                                       |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>b</b> Less: rental expenses                                                                                                               |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>c</b> Rental income or (loss)                                                                                                             |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>d</b> Net rental income or (loss)                                                                                                         |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>7 a</b> Gross amount from sales of<br>assets other than inventory                                                                         | (i) Securities | (ii) Other           |                      |                                                 |                                         |                                                                    |
|                                                                   |                                                                                                                                              | 1,540,928.     |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>b</b> Less: cost or other basis<br>and sales expenses                                                                                     |                |                      | 1,343,447.           |                                                 |                                         |                                                                    |
|                                                                   | <b>c</b> Gain or (loss)                                                                                                                      |                |                      | 197,481.             |                                                 |                                         |                                                                    |
|                                                                   | <b>d</b> Net gain or (loss)                                                                                                                  |                |                      | 197,481.             |                                                 |                                         | 197,481.                                                           |
|                                                                   | <b>8 a</b> Gross income from fundraising events (not<br>including \$ _____ of<br>contributions reported on line 1c). See<br>Part IV, line 18 | <b>a</b>       |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>b</b> Less: direct expenses                                                                                                               | <b>b</b>       |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>c</b> Net income or (loss) from fundraising events                                                                                        |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>9 a</b> Gross income from gaming activities. See<br>Part IV, line 19                                                                      | <b>a</b>       |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>b</b> Less: direct expenses                                                                                                               | <b>b</b>       |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>c</b> Net income or (loss) from gaming activities                                                                                         |                |                      |                      |                                                 |                                         |                                                                    |
|                                                                   | <b>10 a</b> Gross sales of inventory, less returns<br>and allowances                                                                         | <b>a</b>       |                      |                      |                                                 |                                         |                                                                    |
| <b>b</b> Less: cost of goods sold                                 | <b>b</b>                                                                                                                                     |                |                      |                      |                                                 |                                         |                                                                    |
| <b>c</b> Net income or (loss) from sales of inventory             |                                                                                                                                              |                |                      |                      |                                                 |                                         |                                                                    |
| <b>Miscellaneous Revenue</b>                                      |                                                                                                                                              |                | <b>Business Code</b> |                      |                                                 |                                         |                                                                    |
| <b>11 a</b> ADVERTISING                                           | 541800                                                                                                                                       |                | 4,269,981.           |                      | 4,269,981.                                      |                                         |                                                                    |
| <b>b</b> OTHER INCOME                                             | 541900                                                                                                                                       |                | 222,196.             | 222,196.             |                                                 |                                         |                                                                    |
| <b>c</b>                                                          |                                                                                                                                              |                |                      |                      |                                                 |                                         |                                                                    |
| <b>d</b> All other revenue                                        |                                                                                                                                              |                |                      |                      |                                                 |                                         |                                                                    |
| <b>e Total.</b> Add lines 11a-11d                                 |                                                                                                                                              |                | 4,492,177.           |                      |                                                 |                                         |                                                                    |
| <b>12 Total revenue.</b> See instructions                         |                                                                                                                                              |                | 25,657,477.          | 18,965,005.          | 4,269,981.                                      | 570,262.                                |                                                                    |

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Form **990** (2013)

**AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.**

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**Part IX Statement of Functional Expenses**

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX ☐

|                                                                                                                                                                                                             | (A)<br>Total expenses | (B)<br>Program service expenses | (C)<br>Management and general expenses | (D)<br>Fundraising expenses |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|----------------------------------------|-----------------------------|
| <b>Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.</b>                                                                                                                       |                       |                                 |                                        |                             |
| <b>1</b> Grants and other assistance to governments and organizations in the United States. See Part IV, line 21                                                                                            |                       |                                 |                                        |                             |
| <b>2</b> Grants and other assistance to individuals in the United States. See Part IV, line 22                                                                                                              | 58,213.               | 58,213.                         |                                        |                             |
| <b>3</b> Grants and other assistance to governments, organizations, and individuals outside the United States. See Part IV, lines 15 and 16                                                                 | 43,105.               | 43,105.                         |                                        |                             |
| <b>4</b> Benefits paid to or for members                                                                                                                                                                    |                       |                                 |                                        |                             |
| <b>5</b> Compensation of current officers, directors, trustees, and key employees                                                                                                                           | 1,101,581.            | 702,598.                        | 368,925.                               | 30,058.                     |
| <b>6</b> Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)                                                      |                       |                                 |                                        |                             |
| <b>7</b> Other salaries and wages                                                                                                                                                                           | 6,422,047.            | 4,096,039.                      | 2,150,775.                             | 175,233.                    |
| <b>8</b> Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)                                                                                                 | 527,027.              | 340,185.                        | 173,171.                               | 13,671.                     |
| <b>9</b> Other employee benefits                                                                                                                                                                            |                       |                                 |                                        |                             |
| <b>10</b> Payroll taxes                                                                                                                                                                                     | 1,744,668.            | 1,123,523.                      | 575,429.                               | 45,716.                     |
| <b>11</b> Fees for services (non-employees):                                                                                                                                                                |                       |                                 |                                        |                             |
| <b>a</b> Management                                                                                                                                                                                         |                       |                                 |                                        |                             |
| <b>b</b> Legal                                                                                                                                                                                              | 601,850.              | 437,207.                        | 164,643.                               |                             |
| <b>c</b> Accounting                                                                                                                                                                                         | 52,070.               | 37,826.                         | 14,244.                                |                             |
| <b>d</b> Lobbying                                                                                                                                                                                           |                       |                                 |                                        |                             |
| <b>e</b> Professional fundraising services. See Part IV, line 17                                                                                                                                            |                       |                                 |                                        |                             |
| <b>f</b> Investment management fees                                                                                                                                                                         | 50,139.               |                                 | 50,139.                                |                             |
| <b>g</b> Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Sch O)                                                                                             | 1,348,921.            | 979,908.                        | 369,013.                               |                             |
| <b>12</b> Advertising and promotion                                                                                                                                                                         |                       |                                 |                                        |                             |
| <b>13</b> Office expenses                                                                                                                                                                                   | 1,751,787.            | 1,338,497.                      | 370,800.                               | 42,490.                     |
| <b>14</b> Information technology                                                                                                                                                                            |                       |                                 |                                        |                             |
| <b>15</b> Royalties                                                                                                                                                                                         |                       |                                 |                                        |                             |
| <b>16</b> Occupancy                                                                                                                                                                                         | 563,423.              | 36,323.                         | 527,100.                               |                             |
| <b>17</b> Travel                                                                                                                                                                                            | 2,265,649.            | 1,043,370.                      | 1,110,300.                             | 111,979.                    |
| <b>18</b> Payments of travel or entertainment expenses for any federal, state, or local public officials                                                                                                    |                       |                                 |                                        |                             |
| <b>19</b> Conferences, conventions, and meetings                                                                                                                                                            | 2,296,897.            | 2,211,775.                      | 78,800.                                | 6,322.                      |
| <b>20</b> Interest                                                                                                                                                                                          |                       |                                 |                                        |                             |
| <b>21</b> Payments to affiliates                                                                                                                                                                            |                       |                                 |                                        |                             |
| <b>22</b> Depreciation, depletion, and amortization                                                                                                                                                         | 660,946.              | 88,046.                         | 572,900.                               |                             |
| <b>23</b> Insurance                                                                                                                                                                                         |                       |                                 |                                        |                             |
| <b>24</b> Other expenses. Itemize expenses not covered above. (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O) |                       |                                 |                                        |                             |
| <b>a</b> COST OF PUBLICATIONS                                                                                                                                                                               | 3,566,925.            | 3,448,191.                      | 74,500.                                | 44,234.                     |
| <b>b</b> RESEARCH PROJECTS AND G                                                                                                                                                                            | 2,324,857.            | 2,317,757.                      | 7,100.                                 |                             |
| <b>c</b> OTHER EXPENSES                                                                                                                                                                                     | 554,479.              | 379,349.                        | 129,000.                               | 46,130.                     |
| <b>d</b> PUBLIC RELATIONS                                                                                                                                                                                   | 129,082.              |                                 | 129,082.                               |                             |
| <b>e</b> All other expenses                                                                                                                                                                                 | 169,658.              | 127,827.                        | 9,100.                                 | 32,731.                     |
| <b>25</b> Total functional expenses. Add lines 1 through 24e                                                                                                                                                | 26,233,324.           | 18,809,739.                     | 6,875,021.                             | 548,564.                    |
| <b>26</b> Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation                                     |                       |                                 |                                        |                             |

Check here ☐ If following SOP 98-2 (ASC 958-720)

**Part X Balance Sheet**Check if Schedule O contains a response or note to any line in this Part X ☐

|                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                            | (A)<br>Beginning of year |             | (B)<br>End of year |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|--------------------|
| <b>Assets</b>                                                                                                                                                                                  | <b>1</b> Cash - non-interest-bearing                                                                                                                                                                                                                                                                                       | 1,000.                   | <b>1</b>    | 1,000.             |
|                                                                                                                                                                                                | <b>2</b> Savings and temporary cash investments                                                                                                                                                                                                                                                                            | 3,769,314.               | <b>2</b>    | 3,657,331.         |
|                                                                                                                                                                                                | <b>3</b> Pledges and grants receivable, net                                                                                                                                                                                                                                                                                |                          | <b>3</b>    |                    |
|                                                                                                                                                                                                | <b>4</b> Accounts receivable, net                                                                                                                                                                                                                                                                                          | 663,789.                 | <b>4</b>    | 517,191.           |
|                                                                                                                                                                                                | <b>5</b> Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L                                                                                                                                               |                          | <b>5</b>    |                    |
|                                                                                                                                                                                                | <b>6</b> Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instr). Complete Part II of Sch L |                          | <b>6</b>    |                    |
|                                                                                                                                                                                                | <b>7</b> Notes and loans receivable, net                                                                                                                                                                                                                                                                                   |                          | <b>7</b>    |                    |
|                                                                                                                                                                                                | <b>8</b> Inventories for sale or use                                                                                                                                                                                                                                                                                       | 552,462.                 | <b>8</b>    | 596,043.           |
|                                                                                                                                                                                                | <b>9</b> Prepaid expenses and deferred charges                                                                                                                                                                                                                                                                             | 299,058.                 | <b>9</b>    | 404,623.           |
|                                                                                                                                                                                                | <b>10a</b> Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D                                                                                                                                                                                                                             | <b>10a</b> 14,000,735.   |             |                    |
|                                                                                                                                                                                                | <b>b</b> Less: accumulated depreciation                                                                                                                                                                                                                                                                                    | <b>10b</b> 7,245,214.    |             |                    |
|                                                                                                                                                                                                | <b>11</b> Investments - publicly traded securities                                                                                                                                                                                                                                                                         | 7,302,463.               | <b>10c</b>  | 6,755,521.         |
|                                                                                                                                                                                                | <b>12</b> Investments - other securities. See Part IV, line 11                                                                                                                                                                                                                                                             | 15,516,526.              | <b>11</b>   | 18,270,413.        |
|                                                                                                                                                                                                | <b>13</b> Investments - program-related. See Part IV, line 11                                                                                                                                                                                                                                                              |                          | <b>12</b>   |                    |
|                                                                                                                                                                                                | <b>14</b> Intangible assets                                                                                                                                                                                                                                                                                                |                          | <b>13</b>   |                    |
|                                                                                                                                                                                                | <b>15</b> Other assets. See Part IV, line 11                                                                                                                                                                                                                                                                               |                          | <b>14</b>   |                    |
| <b>16</b> <b>Total assets.</b> Add lines 1 through 15 (must equal line 34)                                                                                                                     | 28,104,612.                                                                                                                                                                                                                                                                                                                | <b>15</b>                |             |                    |
| <b>17</b> Accounts payable and accrued expenses                                                                                                                                                | 4,301,264.                                                                                                                                                                                                                                                                                                                 | <b>16</b>                | 30,202,122. |                    |
| <b>18</b> Grants payable                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                            | <b>17</b>                | 4,188,026.  |                    |
| <b>19</b> Deferred revenue                                                                                                                                                                     | 6,287,979.                                                                                                                                                                                                                                                                                                                 | <b>18</b>                |             |                    |
| <b>20</b> Tax-exempt bond liabilities                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                            | <b>19</b>                | 6,933,705.  |                    |
| <b>21</b> Escrow or custodial account liability. Complete Part IV of Schedule D                                                                                                                |                                                                                                                                                                                                                                                                                                                            | <b>20</b>                |             |                    |
| <b>22</b> Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L |                                                                                                                                                                                                                                                                                                                            | <b>21</b>                |             |                    |
| <b>23</b> Secured mortgages and notes payable to unrelated third parties                                                                                                                       |                                                                                                                                                                                                                                                                                                                            | <b>22</b>                |             |                    |
| <b>24</b> Unsecured notes and loans payable to unrelated third parties                                                                                                                         |                                                                                                                                                                                                                                                                                                                            | <b>23</b>                |             |                    |
| <b>25</b> Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D                | 773,559.                                                                                                                                                                                                                                                                                                                   | <b>24</b>                |             |                    |
| <b>26</b> <b>Total liabilities.</b> Add lines 17 through 25                                                                                                                                    | 11,362,802.                                                                                                                                                                                                                                                                                                                | <b>25</b>                | 712,761.    |                    |
| <b>27</b> <b>Organizations that follow SFAS 117 (ASC 958), check here</b> <input checked="" type="checkbox"/> <b>and complete lines 27 through 29, and lines 33 and 34.</b>                    |                                                                                                                                                                                                                                                                                                                            | <b>26</b>                | 11,834,492. |                    |
| <b>28</b> Unrestricted net assets                                                                                                                                                              | 16,741,810.                                                                                                                                                                                                                                                                                                                | <b>27</b>                | 18,367,630. |                    |
| <b>29</b> Temporarily restricted net assets                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                            | <b>28</b>                |             |                    |
| <b>30</b> Permanently restricted net assets                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                            | <b>29</b>                |             |                    |
| <b>31</b> <b>Organizations that do not follow SFAS 117 (ASC 958), check here</b> <input type="checkbox"/> <b>and complete lines 30 through 34.</b>                                             |                                                                                                                                                                                                                                                                                                                            | <b>30</b>                |             |                    |
| <b>32</b> Capital stock or trust principal, or current funds                                                                                                                                   |                                                                                                                                                                                                                                                                                                                            | <b>31</b>                |             |                    |
| <b>33</b> Paid-in or capital surplus, or land, building, or equipment fund                                                                                                                     |                                                                                                                                                                                                                                                                                                                            | <b>32</b>                |             |                    |
| <b>34</b> Retained earnings, endowment, accumulated income, or other funds                                                                                                                     | 16,741,810.                                                                                                                                                                                                                                                                                                                | <b>33</b>                | 18,367,630. |                    |
| <b>35</b> <b>Total net assets or fund balances</b>                                                                                                                                             | 28,104,612.                                                                                                                                                                                                                                                                                                                | <b>34</b>                | 30,202,122. |                    |

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**Part XI Reconciliation of Net Assets**

Check if Schedule O contains a response or note to any line in this Part XI ☐

|           |                                                                                                                |           |             |
|-----------|----------------------------------------------------------------------------------------------------------------|-----------|-------------|
| <b>1</b>  | Total revenue (must equal Part VIII, column (A), line 12)                                                      | <b>1</b>  | 25,657,477. |
| <b>2</b>  | Total expenses (must equal Part IX, column (A), line 25)                                                       | <b>2</b>  | 26,233,324. |
| <b>3</b>  | Revenue less expenses. Subtract line 2 from line 1                                                             | <b>3</b>  | -575,847.   |
| <b>4</b>  | Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))                      | <b>4</b>  | 16,741,810. |
| <b>5</b>  | Net unrealized gains (losses) on investments                                                                   | <b>5</b>  | 2,201,667.  |
| <b>6</b>  | Donated services and use of facilities                                                                         | <b>6</b>  |             |
| <b>7</b>  | Investment expenses                                                                                            | <b>7</b>  |             |
| <b>8</b>  | Prior period adjustments                                                                                       | <b>8</b>  |             |
| <b>9</b>  | Other changes in net assets or fund balances (explain in Schedule O)                                           | <b>9</b>  | 0.          |
| <b>10</b> | Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B)) | <b>10</b> | 18,367,630. |

**Part XII Financial Statements and Reporting**

Check if Schedule O contains a response or note to any line in this Part XII ☐

- 1** Accounting method used to prepare the Form 990: ☐ Cash ☒ Accrual ☐ Other \_\_\_\_\_  
If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.
- 2a** Were the organization's financial statements compiled or reviewed by an independent accountant?  
If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both:  
☐ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis
- b** Were the organization's financial statements audited by an independent accountant?  
If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both:  
☐ Separate basis ☒ Consolidated basis ☐ Both consolidated and separate basis
- c** If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant?  
If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.
- 3a** As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?
- b** If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits

|           | Yes      | No       |
|-----------|----------|----------|
| <b>2a</b> |          | <b>X</b> |
| <b>2b</b> | <b>X</b> |          |
| <b>2c</b> | <b>X</b> |          |
| <b>3a</b> |          | <b>X</b> |
| <b>3b</b> |          |          |

Form **990** (2013)

Department of the Treasury  
Internal Revenue Service

**Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.**  
**▶ Attach to Form 990 or Form 990-EZ.**

OMB No. 1545-0047

2013

**Open to Public Inspection**

► Information about Schedule A (Form 990 or 990-EZ) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

|                          |                                                                       |                                              |
|--------------------------|-----------------------------------------------------------------------|----------------------------------------------|
| Name of the organization | AMERICAN SOCIETY OF HEATING,<br>REFRIGERATING AND A-C ENGINEERS, INC. | Employer identification number<br>13-5675095 |
|--------------------------|-----------------------------------------------------------------------|----------------------------------------------|

The organization is not a private foundation because it is: (For lines 1 through 11, check only one box.)

- 1 ☐ A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i).**

2 ☐ A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E.)

3 ☐ A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**

4 ☐ A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state: \_\_\_\_\_

5 ☐ An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II.)

6 ☐ A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**

7 ☐ An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi).** (Complete Part II.)

8 ☐ A community trust described in **section 170(b)(1)(A)(vii).** (Complete Part II.)

9 ☒ An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions - subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2).** (Complete Part III.)

10 ☐ An organization organized and operated exclusively to test for public safety. See **section 509(a)(4).**

11 ☐ An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2). See **section 509(a)(3).** Check the box that describes the type of supporting organization and complete lines 11e through 11h.

a ☐ Type I      b ☐ Type II      c ☐ Type III - Functionally integrated      d ☐ Type III - Non-functionally integrated

e ☐ By checking this box, I certify that the organization is not controlled directly or indirectly by one or more disqualified persons other than foundation managers and other than one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2).

f ☐ If the organization received a written determination from the IRS that it is a Type I, Type II, or Type III supporting organization, check this box

g Since August 17, 2006, has the organization accepted any gift or contribution from any of the following persons?

(i) A person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the supported organization?

(ii) A family member of a person described in (i) above?

(iii) A 35% controlled entity of a person described in (i) or (ii) above?

h Provide the following information about the supported organization(s).

|          | Yes | No |
|----------|-----|----|
| 11g(i)   |     |    |
| 11g(ii)  |     |    |
| 11g(iii) |     |    |

[illegible]

**LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ.**

Schedule A (Form 990 or 990-EZ) 2013

**Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)**

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

**Section A. Public Support**

| Calendar year (or fiscal year beginning in) ►                                                                                                                                                         | (a) 2009 | (b) 2010 | (c) 2011 | (d) 2012 | (e) 2013 | (f) Total |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|-----------|
| 1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")                                                                                                  |          |          |          |          |          |           |
| 2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf                                                                                                     |          |          |          |          |          |           |
| 3 The value of services or facilities furnished by a governmental unit to the organization without charge                                                                                             |          |          |          |          |          |           |
| 4 <b>Total.</b> Add lines 1 through 3                                                                                                                                                                 |          |          |          |          |          |           |
| 5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f) |          |          |          |          |          |           |
| 6 <b>Public support.</b> Subtract line 5 from line 4                                                                                                                                                  |          |          |          |          |          |           |

**Section B. Total Support**

| Calendar year (or fiscal year beginning in) ►                                                                                                                                                                             | (a) 2009 | (b) 2010 | (c) 2011 | (d) 2012 | (e) 2013 | (f) Total |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|-----------|
| 7 Amounts from line 4                                                                                                                                                                                                     |          |          |          |          |          |           |
| 8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources                                                                                          |          |          |          |          |          |           |
| 9 Net income from unrelated business activities, whether or not the business is regularly carried on                                                                                                                      |          |          |          |          |          |           |
| 10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)                                                                                                                        |          |          |          |          |          |           |
| 11 <b>Total support.</b> Add lines 7 through 10                                                                                                                                                                           |          |          |          |          |          |           |
| 12 Gross receipts from related activities, etc. (see instructions)                                                                                                                                                        |          |          |          |          | 12       |           |
| 13 <b>First five years.</b> If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and <b>stop here</b> ► <input type="checkbox"/> |          |          |          |          |          |           |

**Section C. Computation of Public Support Percentage**

|                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---|
| 14 Public support percentage for 2013 (line 6, column (f) divided by line 11, column (f))                                                                                                                                                                                                                                                                                                                                                | 14 | % |
| 15 Public support percentage from 2012 Schedule A, Part II, line 14                                                                                                                                                                                                                                                                                                                                                                      | 15 | % |
| 16a <b>33 1/3% support test - 2013.</b> If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and <b>stop here.</b> The organization qualifies as a publicly supported organization ► <input type="checkbox"/>                                                                                                                                                                            |    |   |
| b <b>33 1/3% support test - 2012.</b> If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and <b>stop here.</b> The organization qualifies as a publicly supported organization ► <input type="checkbox"/>                                                                                                                                                                         |    |   |
| 17a <b>10% -facts-and-circumstances test - 2013.</b> If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and <b>stop here.</b> Explain in Part IV how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization ► <input type="checkbox"/>    |    |   |
| b <b>10% -facts-and-circumstances test - 2012.</b> If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and <b>stop here.</b> Explain in Part IV how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization ► <input type="checkbox"/> |    |   |
| 18 <b>Private foundation.</b> If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ► <input type="checkbox"/>                                                                                                                                                                                                                                                                  |    |   |

Schedule A (Form 990 or 990-EZ) 2013



**Part III Support Schedule for Organizations Described in Section 509(a)(2)**

(Complete only if you checked the box on line 9 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

**Section A. Public Support**

| Calendar year (or fiscal year beginning in) ►                                                                                                                                     | (a) 2009  | (b) 2010  | (c) 2011  | (d) 2012  | (e) 2013  | (f) Total |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>1</b> Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")                                                                       | 8033320.  | 8544495.  | 8924321.  | 8959990.  | 9177539.  | 43639665. |
| <b>2</b> Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose | 10178114. | 12185492. | 12981918. | 10880613. | 11639695. | 57865832. |
| <b>3</b> Gross receipts from activities that are not an unrelated trade or business under section 513                                                                             |           |           |           |           |           |           |
| <b>4</b> Tax revenues levied for the organization's benefit and either paid to or expended on its behalf                                                                          |           |           |           |           |           |           |
| <b>5</b> The value of services or facilities furnished by a governmental unit to the organization without charge                                                                  |           |           |           |           |           |           |
| <b>6 Total.</b> Add lines 1 through 5                                                                                                                                             | 18211434. | 20729987. | 21906239. | 19840603. | 20817234. | 101505497 |
| <b>7a</b> Amounts included on lines 1, 2, and 3 received from disqualified persons                                                                                                |           |           |           |           |           | 0.        |
| <b>b</b> Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year           |           |           |           |           |           | 0.        |
| <b>c</b> Add lines 7a and 7b                                                                                                                                                      |           |           |           |           |           | 0.        |
| <b>8 Public support.</b> (Subtract line 7c from line 6)                                                                                                                           |           |           |           |           |           | 101505497 |

**Section B. Total Support**

| Calendar year (or fiscal year beginning in) ►                                                                                             | (a) 2009  | (b) 2010  | (c) 2011  | (d) 2012  | (e) 2013  | (f) Total |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>9</b> Amounts from line 6                                                                                                              | 18211434. | 20729987. | 21906239. | 19840603. | 20817234. | 101505497 |
| <b>10a</b> Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources | 376,463.  | 290,150.  | 250,348.  | 890,176.  | 570,262.  | 2377399.  |
| <b>b</b> Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975                          | 3454578.  | 3992806.  | 4318343.  | 4400854.  | 4269981.  | 20436562. |
| <b>c</b> Add lines 10a and 10b                                                                                                            | 3831041.  | 4282956.  | 4568691.  | 5291030.  | 4840243.  | 22813961. |
| <b>11</b> Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on     |           |           |           |           |           |           |
| <b>12</b> Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)                                 |           |           |           |           |           |           |
| <b>13 Total support.</b> (Add lines 9, 10c, 11, and 12)                                                                                   | 22042475. | 25012943. | 26474930. | 25131633. | 25657477. | 124319458 |

**14 First five years.** If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ☐**Section C. Computation of Public Support Percentage**

|                                                                                                  |           |         |
|--------------------------------------------------------------------------------------------------|-----------|---------|
| <b>15</b> Public support percentage for 2013 (line 8, column (f) divided by line 13, column (f)) | <b>15</b> | 81.65 % |
| <b>16</b> Public support percentage from 2012 Schedule A, Part III, line 15                      | <b>16</b> | 82.21 % |

**Section D. Computation of Investment Income Percentage**

|                                                                                                       |           |         |
|-------------------------------------------------------------------------------------------------------|-----------|---------|
| <b>17</b> Investment income percentage for 2013 (line 10c, column (f) divided by line 13, column (f)) | <b>17</b> | 18.35 % |
| <b>18</b> Investment income percentage from 2012 Schedule A, Part III, line 17                        | <b>18</b> | 17.79 % |

**19a 33 1/3% support tests - 2013.** If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization ☒**b 33 1/3% support tests - 2012.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization ☐**20 Private foundation.** If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ☐

**Part IV** **Supplemental Information.** Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; and Part III, line 12.

Also complete this part for any additional information. (See instructions).

**SCHEDULE C**  
**(Form 990 or 990-EZ)**

Department of the Treasury  
Internal Revenue Service

**Political Campaign and Lobbying Activities**

For Organizations Exempt From Income Tax Under section 501(c) and section 527

- ▶ **Complete if the organization is described below.** ▶ **Attach to Form 990 or Form 990-EZ.**  
▶ **See separate instructions.** ▶ **Information about Schedule C (Form 990 or 990-EZ) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).**

OMB No 1545-0047

**2013**

**Open to Public  
Inspection**

If the organization answered "Yes," to Form 990, Part IV, line 3, or Form 990-EZ, Part V, line 46 (Political Campaign Activities), then

- Section 501(c)(3) organizations: Complete Parts I-A and B. Do not complete Part I-C.
- Section 501(c) (other than section 501(c)(3)) organizations: Complete Parts I-A and C below. Do not complete Part I-B.
- Section 527 organizations: Complete Part I-A only.

If the organization answered "Yes," to Form 990, Part IV, line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then

- Section 501(c)(3) organizations that have filed Form 5768 (election under section 501(h)): Complete Part II-A. Do not complete Part II-B.
- Section 501(c)(3) organizations that have NOT filed Form 5768 (election under section 501(h)): Complete Part II-B. Do not complete Part II-A.

If the organization answered "Yes," to Form 990, Part IV, line 5 (Proxy Tax) or Form 990-EZ, Part V, line 35c (Proxy Tax), then

- Section 501(c)(4), (5), or (6) organizations: Complete Part III.

|                      |                                                                               |                                |                   |
|----------------------|-------------------------------------------------------------------------------|--------------------------------|-------------------|
| Name of organization | <b>AMERICAN SOCIETY OF HEATING,<br/>REFRIGERATING AND A-C ENGINEERS, INC.</b> | Employer identification number | <b>13-5675095</b> |
|----------------------|-------------------------------------------------------------------------------|--------------------------------|-------------------|

**Part I-A** Complete if the organization is exempt under section 501(c) or is a section 527 organization.

- 1 Provide a description of the organization's direct and indirect political campaign activities in Part IV.
- 2 Political expenditures ▶ \$ \_\_\_\_\_
- 3 Volunteer hours \_\_\_\_\_

**Part I-B** Complete if the organization is exempt under section 501(c)(3).

- 1 Enter the amount of any excise tax incurred by the organization under section 4955 ▶ \$ \_\_\_\_\_
- 2 Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$ \_\_\_\_\_
- 3 If the organization incurred a section 4955 tax, did it file Form 4720 for this year? ☐ Yes ☐ No
- 4a Was a correction made? ☐ Yes ☐ No
- b If "Yes," describe in Part IV.

**Part I-C** Complete if the organization is exempt under section 501(c), except section 501(c)(3).

- 1 Enter the amount directly expended by the filing organization for section 527 exempt function activities ▶ \$ \_\_\_\_\_
- 2 Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt function activities ▶ \$ \_\_\_\_\_
- 3 Total exempt function expenditures. Add lines 1 and 2. Enter here and on Form 1120-POL, line 17b ▶ \$ \_\_\_\_\_
- 4 Did the filing organization file Form 1120-POL for this year? ☐ Yes ☐ No
- 5 Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments. For each organization listed, enter the amount paid from the filing organization's funds. Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC). If additional space is needed, provide information in Part IV.

| (a) Name | (b) Address | (c) EIN | (d) Amount paid from filing organization's funds. If none, enter -0-. | (e) Amount of political contributions received and promptly and directly delivered to a separate political organization. If none, enter -0-. |
|----------|-------------|---------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|          |             |         |                                                                       |                                                                                                                                              |
|          |             |         |                                                                       |                                                                                                                                              |
|          |             |         |                                                                       |                                                                                                                                              |
|          |             |         |                                                                       |                                                                                                                                              |
|          |             |         |                                                                       |                                                                                                                                              |
|          |             |         |                                                                       |                                                                                                                                              |
|          |             |         |                                                                       |                                                                                                                                              |

For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ.

Schedule C (Form 990 or 990-EZ) 2013

LHA

332041  
11-08-13

**Part II-A** Complete if the organization is exempt under section 501(c)(3) and filed Form 5768 (election under section 501(h)).

- A** Check ☐ if the filing organization belongs to an affiliated group (and list in Part IV each affiliated group member's name, address, EIN, expenses, and share of excess lobbying expenditures).
- B** Check ☐ if the filing organization checked box A and "limited control" provisions apply.

| Limits on Lobbying Expenditures<br>(The term "expenditures" means amounts paid or incurred.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (a) Filing organization's totals                   | (b) Affiliated group totals                              |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------|--------------------|-------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------------|----------------------------------------------------|--------------------------------------------|---------------------------------------------------|-------------------|--------------|--|--|
| <b>1a</b> Total lobbying expenditures to influence public opinion (grass roots lobbying)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <b>b</b> Total lobbying expenditures to influence a legislative body (direct lobbying)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 52,500.                                            |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <b>c</b> Total lobbying expenditures (add lines 1a and 1b)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 52,500.                                            |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <b>d</b> Other exempt purpose expenditures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 21,721,155.                                        |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <b>e</b> Total exempt purpose expenditures (add lines 1c and 1d)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 21,773,655.                                        |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <b>f</b> Lobbying nontaxable amount. Enter the amount from the following table in both columns.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1,000,000.                                         |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%;">If the amount on line 1e, column (a) or (b) is:</th> <th style="width: 65%;">The lobbying nontaxable amount is:</th> </tr> </thead> <tbody> <tr> <td>Not over \$500,000</td> <td>20% of the amount on line 1e.</td> </tr> <tr> <td>Over \$500,000 but not over \$1,000,000</td> <td>\$100,000 plus 15% of the excess over \$500,000.</td> </tr> <tr> <td>Over \$1,000,000 but not over \$1,500,000</td> <td>\$175,000 plus 10% of the excess over \$1,000,000.</td> </tr> <tr> <td>Over \$1,500,000 but not over \$17,000,000</td> <td>\$225,000 plus 5% of the excess over \$1,500,000.</td> </tr> <tr> <td>Over \$17,000,000</td> <td>\$1,000,000.</td> </tr> </tbody> </table> | If the amount on line 1e, column (a) or (b) is:    | The lobbying nontaxable amount is:                       | Not over \$500,000 | 20% of the amount on line 1e. | Over \$500,000 but not over \$1,000,000 | \$100,000 plus 15% of the excess over \$500,000. | Over \$1,000,000 but not over \$1,500,000 | \$175,000 plus 10% of the excess over \$1,000,000. | Over \$1,500,000 but not over \$17,000,000 | \$225,000 plus 5% of the excess over \$1,500,000. | Over \$17,000,000 | \$1,000,000. |  |  |
| If the amount on line 1e, column (a) or (b) is:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | The lobbying nontaxable amount is:                 |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| Not over \$500,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20% of the amount on line 1e.                      |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| Over \$500,000 but not over \$1,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$100,000 plus 15% of the excess over \$500,000.   |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| Over \$1,000,000 but not over \$1,500,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$175,000 plus 10% of the excess over \$1,000,000. |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| Over \$1,500,000 but not over \$17,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$225,000 plus 5% of the excess over \$1,500,000.  |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| Over \$17,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$1,000,000.                                       |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <b>g</b> Grassroots nontaxable amount (enter 25% of line 1f)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 250,000.                                           |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <b>h</b> Subtract line 1g from line 1a. If zero or less, enter -0-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.                                                 |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <b>i</b> Subtract line 1f from line 1c. If zero or less, enter -0-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.                                                 |                                                          |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |
| <b>j</b> If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |                               |                                         |                                                  |                                           |                                                    |                                            |                                                   |                   |              |  |  |

**4-Year Averaging Period Under Section 501(h)**  
(Some organizations that made a section 501(h) election do not have to complete all of the five columns below. See the instructions for lines 2a through 2f on page 4.)

| Lobbying Expenditures During 4-Year Averaging Period                |          |          |            |            |            |
|---------------------------------------------------------------------|----------|----------|------------|------------|------------|
| Calendar year<br>(or fiscal year beginning in)                      | (a) 2010 | (b) 2011 | (c) 2012   | (d) 2013   | (e) Total  |
| <b>2a</b> Lobbying nontaxable amount                                | 13,400.  | 6,400.   | 1,000,000. | 1,000,000. | 2,019,800. |
| <b>b</b> Lobbying ceiling amount<br>(150% of line 2a, column(e))    |          |          |            |            | 3,029,700. |
| <b>c</b> Total lobbying expenditures                                | 13,400.  | 6,400.   | 6,900.     | 52,500.    | 79,200.    |
| <b>d</b> Grassroots nontaxable amount                               |          | 250,000. | 250,000.   | 250,000.   | 750,000.   |
| <b>e</b> Grassroots ceiling amount<br>(150% of line 2d, column (e)) |          |          |            |            | 1,125,000. |
| <b>f</b> Grassroots lobbying expenditures                           |          |          |            |            |            |

Schedule C (Form 990 or 990-EZ) 2013

**Part II-B** Complete if the organization is exempt under section 501(c)(3) and has NOT filed Form 5768 (election under section 501(h)).

For each "Yes," response to lines 1a through 1i below, provide in Part IV a detailed description of the lobbying activity.

|                                                                                                                                                                                                                                        | (a) |    | (b)    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--------|
|                                                                                                                                                                                                                                        | Yes | No | Amount |
| <b>1</b> During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of: |     |    |        |
| <b>a</b> Volunteers?                                                                                                                                                                                                                   |     |    |        |
| <b>b</b> Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?                                                                                                                                  |     |    |        |
| <b>c</b> Media advertisements?                                                                                                                                                                                                         |     |    |        |
| <b>d</b> Mailings to members, legislators, or the public?                                                                                                                                                                              |     |    |        |
| <b>e</b> Publications, or published or broadcast statements?                                                                                                                                                                           |     |    |        |
| <b>f</b> Grants to other organizations for lobbying purposes?                                                                                                                                                                          |     |    |        |
| <b>g</b> Direct contact with legislators, their staffs, government officials, or a legislative body?                                                                                                                                   |     |    |        |
| <b>h</b> Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?                                                                                                                                     |     |    |        |
| <b>i</b> Other activities?                                                                                                                                                                                                             |     |    |        |
| <b>j</b> Total. Add lines 1c through 1i                                                                                                                                                                                                |     |    |        |
| <b>2a</b> Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?                                                                                                                                |     |    |        |
| <b>b</b> If "Yes," enter the amount of any tax incurred under section 4912                                                                                                                                                             |     |    |        |
| <b>c</b> If "Yes," enter the amount of any tax incurred by organization managers under section 4912                                                                                                                                    |     |    |        |
| <b>d</b> If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?                                                                                                                                  |     |    |        |

**Part III-A** Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6).

|                                                                                                            | Yes | No |
|------------------------------------------------------------------------------------------------------------|-----|----|
| <b>1</b> Were substantially all (90% or more) dues received nondeductible by members?                      |     |    |
| <b>2</b> Did the organization make only in-house lobbying expenditures of \$2,000 or less?                 |     |    |
| <b>3</b> Did the organization agree to carry over lobbying and political expenditures from the prior year? |     |    |

**Part III-B** Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered "No," OR (b) Part III-A, line 3, is answered "Yes."

|                                                                                                                                                                                                                                                     |           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|
| <b>1</b> Dues, assessments and similar amounts from members                                                                                                                                                                                         | <b>1</b>  |  |
| <b>2</b> Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid).                                                                                 |           |  |
| <b>a</b> Current year                                                                                                                                                                                                                               | <b>2a</b> |  |
| <b>b</b> Carryover from last year                                                                                                                                                                                                                   | <b>2b</b> |  |
| <b>c</b> Total                                                                                                                                                                                                                                      | <b>2c</b> |  |
| <b>3</b> Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues                                                                                                                                            | <b>3</b>  |  |
| <b>4</b> If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year? | <b>4</b>  |  |
| <b>5</b> Taxable amount of lobbying and political expenditures (see instructions)                                                                                                                                                                   | <b>5</b>  |  |

**Part IV** Supplemental Information

Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated group list); Part II-A, line 2; and Part II-B, line 1. Also, complete this part for any additional information.

**SCHEDULE D**  
(Form 990)

Department of the Treasury  
Internal Revenue Service

**Supplemental Financial Statements**

▶ Complete if the organization answered "Yes," to Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.  
▶ Attach to Form 990.

▶ Information about Schedule D (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047

**2013**

Open to Public  
Inspection

Name of the organization **AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.**

Employer identification number  
**13-5675095**

**Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.** Complete if the organization answered "Yes" to Form 990, Part IV, line 6.

|                                                                                                                                                                                                                                                                       | (a) Donor advised funds | (b) Funds and other accounts                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------|
| 1 Total number at end of year                                                                                                                                                                                                                                         |                         |                                                          |
| 2 Aggregate contributions to (during year)                                                                                                                                                                                                                            |                         |                                                          |
| 3 Aggregate grants from (during year)                                                                                                                                                                                                                                 |                         |                                                          |
| 4 Aggregate value at end of year                                                                                                                                                                                                                                      |                         |                                                          |
| 5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?                                                            |                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit? |                         | <input type="checkbox"/> Yes <input type="checkbox"/> No |

**Part II Conservation Easements.** Complete if the organization answered "Yes" to Form 990, Part IV, line 7.

1 Purpose(s) of conservation easements held by the organization (check all that apply).

|                                                                                              |                                                                              |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <input type="checkbox"/> Preservation of land for public use (e.g., recreation or education) | <input type="checkbox"/> Preservation of an historically important land area |
| <input type="checkbox"/> Protection of natural habitat                                       | <input type="checkbox"/> Preservation of a certified historic structure      |
| <input type="checkbox"/> Preservation of open space                                          |                                                                              |

2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year.

|                                                                                                                                            | Held at the End of the Tax Year |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| a Total number of conservation easements                                                                                                   | 2a                              |
| b Total acreage restricted by conservation easements                                                                                       | 2b                              |
| c Number of conservation easements on a certified historic structure included in (a)                                                       | 2c                              |
| d Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register | 2d                              |

3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ▶

4 Number of states where property subject to conservation easement is located ▶

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? ☐ Yes ☐ No

6 Staff and volunteer hours devoted to monitoring, inspecting, and enforcing conservation easements during the year ▶

7 Amount of expenses incurred in monitoring, inspecting, and enforcing conservation easements during the year ▶ \$

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)? ☐ Yes ☐ No

9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

**Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.**

Complete if the organization answered "Yes" to Form 990, Part IV, line 8.

1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items.

b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:

(i) Revenues included in Form 990, Part VIII, line 1 ▶ \$

(ii) Assets included in Form 990, Part X ▶ \$

2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items:

a Revenues included in Form 990, Part VIII, line 1 ▶ \$

b Assets included in Form 990, Part X ▶ \$

**Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets** (continued)

- 3 Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):
- a ☐ Public exhibition d ☐ Loan or exchange programs
- b ☐ Scholarly research e ☐ Other \_\_\_\_\_
- c ☐ Preservation for future generations
- 4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.
- 5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? ☐ Yes ☐ No

**Part IV Escrow and Custodial Arrangements.** Complete if the organization answered "Yes" to Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

- 1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? ☐ Yes ☐ No
- b If "Yes," explain the arrangement in Part XIII and complete the following table:
- |                                 | Amount |
|---------------------------------|--------|
| c Beginning balance             | 1c     |
| d Additions during the year     | 1d     |
| e Distributions during the year | 1e     |
| f Ending balance                | 1f     |
- 2a Did the organization include an amount on Form 990, Part X, line 21? ☐ Yes ☐ No
- b If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII ☐

**Part V Endowment Funds.** Complete if the organization answered "Yes" to Form 990, Part IV, line 10.

|                                                  | (a) Current year | (b) Prior year | (c) Two years back | (d) Three years back | (e) Four years back |
|--------------------------------------------------|------------------|----------------|--------------------|----------------------|---------------------|
| 1a Beginning of year balance                     | 9,337,865.       | 8,025,474.     | 6,219,614.         | 5,901,009.           | 5,502,601.          |
| b Contributions                                  | 563,678.         | 445,186.       | 1,805,860.         | 318,605.             | 278,408.            |
| c Net investment earnings, gains, and losses     | 1,464,561.       | 1,085,002.     |                    |                      | 120,000.            |
| d Grants or scholarships                         | 322,886.         | 210,187.       |                    |                      |                     |
| e Other expenditures for facilities and programs | 302,275.         |                |                    |                      |                     |
| f Administrative expenses                        | 5,144.           | 7,610.         |                    |                      |                     |
| g End of year balance                            | 10,735,799.      | 9,337,865.     | 8,025,474.         | 6,219,614.           | 5,901,009.          |

- 2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:
- a Board designated or quasi-endowment ▶ .00 %
- b Permanent endowment ▶ 50.00 %
- c Temporarily restricted endowment ▶ 50.00 %
- The percentages in lines 2a, 2b, and 2c should equal 100%.
- 3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:
- |                                                                                       | Yes    | No |
|---------------------------------------------------------------------------------------|--------|----|
| (i) unrelated organizations                                                           | 3a(i)  | X  |
| (ii) related organizations                                                            | 3a(ii) | X  |
| b If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R? | 3b     | X  |

- 4 Describe in Part XIII the intended uses of the organization's endowment funds.

**Part VI Land, Buildings, and Equipment.**

Complete if the organization answered "Yes" to Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

| Description of property                                                                           | (a) Cost or other basis (investment) | (b) Cost or other basis (other) | (c) Accumulated depreciation | (d) Book value |
|---------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------|------------------------------|----------------|
| 1a Land                                                                                           |                                      | 400,000.                        |                              | 400,000.       |
| b Buildings                                                                                       |                                      | 8,167,070.                      | 2,914,429.                   | 5,252,641.     |
| c Leasehold improvements                                                                          |                                      |                                 |                              |                |
| d Equipment                                                                                       |                                      | 1,703,447.                      | 904,409.                     | 799,038.       |
| e Other                                                                                           |                                      | 3,730,218.                      | 3,426,376.                   | 303,842.       |
| Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).) |                                      |                                 |                              | 6,755,521.     |

Schedule D (Form 990) 2013

**Part VII Investments - Other Securities.**

Complete if the organization answered "Yes" to Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

| (a) Description of security or category (including name of security) | (b) Book value | (c) Method of valuation: Cost or end-of-year market value |
|----------------------------------------------------------------------|----------------|-----------------------------------------------------------|
| (1) Financial derivatives                                            |                |                                                           |
| (2) Closely-held equity interests                                    |                |                                                           |
| (3) Other                                                            |                |                                                           |
| (A)                                                                  |                |                                                           |
| (B)                                                                  |                |                                                           |
| (C)                                                                  |                |                                                           |
| (D)                                                                  |                |                                                           |
| (E)                                                                  |                |                                                           |
| (F)                                                                  |                |                                                           |
| (G)                                                                  |                |                                                           |
| (H)                                                                  |                |                                                           |
| Total. (Col. (b) must equal Form 990, Part X, col. (B) line 12.) ▶   |                |                                                           |

**Part VIII Investments - Program Related.**

Complete if the organization answered "Yes" to Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

| (a) Description of investment                                      | (b) Book value | (c) Method of valuation: Cost or end-of-year market value |
|--------------------------------------------------------------------|----------------|-----------------------------------------------------------|
| (1)                                                                |                |                                                           |
| (2)                                                                |                |                                                           |
| (3)                                                                |                |                                                           |
| (4)                                                                |                |                                                           |
| (5)                                                                |                |                                                           |
| (6)                                                                |                |                                                           |
| (7)                                                                |                |                                                           |
| (8)                                                                |                |                                                           |
| (9)                                                                |                |                                                           |
| Total. (Col. (b) must equal Form 990, Part X, col. (B) line 13.) ▶ |                |                                                           |

**Part IX Other Assets.**

Complete if the organization answered "Yes" to Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

| (a) Description                                                      | (b) Book value |
|----------------------------------------------------------------------|----------------|
| (1)                                                                  |                |
| (2)                                                                  |                |
| (3)                                                                  |                |
| (4)                                                                  |                |
| (5)                                                                  |                |
| (6)                                                                  |                |
| (7)                                                                  |                |
| (8)                                                                  |                |
| (9)                                                                  |                |
| Total. (Column (b) must equal Form 990, Part X, col. (B) line 15.) ▶ |                |

**Part X Other Liabilities.**

Complete if the organization answered "Yes" to Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

| 1. (a) Description of liability                                      | (b) Book value |
|----------------------------------------------------------------------|----------------|
| (1) Federal income taxes                                             |                |
| (2) POSTRETIREMENT BENEFIT                                           | 672,587.       |
| (3) CAPITAL LEASE OBLIGATION                                         | 40,174.        |
| (4)                                                                  |                |
| (5)                                                                  |                |
| (6)                                                                  |                |
| (7)                                                                  |                |
| (8)                                                                  |                |
| (9)                                                                  |                |
| Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶ |                |
|                                                                      | 712,761.       |

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII ☒

Schedule D (Form 990) 2013



**Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return.**

Complete if the organization answered "Yes" to Form 990, Part IV, line 12a.

|          |                                                                                                |           |             |
|----------|------------------------------------------------------------------------------------------------|-----------|-------------|
| <b>1</b> | Total revenue, gains, and other support per audited financial statements                       | <b>1</b>  | 27,809,005. |
| <b>2</b> | Amounts included on line 1 but not on Form 990, Part VIII, line 12:                            |           |             |
| <b>a</b> | Net unrealized gains on investments                                                            | <b>2a</b> | 2,201,667.  |
| <b>b</b> | Donated services and use of facilities                                                         | <b>2b</b> |             |
| <b>c</b> | Recoveries of prior year grants                                                                | <b>2c</b> |             |
| <b>d</b> | Other (Describe in Part XIII.)                                                                 | <b>2d</b> |             |
| <b>e</b> | Add lines <b>2a</b> through <b>2d</b>                                                          | <b>2e</b> | 2,201,667.  |
| <b>3</b> | Subtract line <b>2e</b> from line <b>1</b>                                                     | <b>3</b>  | 25,607,338. |
| <b>4</b> | Amounts included on Form 990, Part VIII, line 12, but not on line 1:                           |           |             |
| <b>a</b> | Investment expenses not included on Form 990, Part VIII, line 7b                               | <b>4a</b> | 50,139.     |
| <b>b</b> | Other (Describe in Part XIII.)                                                                 | <b>4b</b> |             |
| <b>c</b> | Add lines <b>4a</b> and <b>4b</b>                                                              | <b>4c</b> | 50,139.     |
| <b>5</b> | Total revenue. Add lines <b>3</b> and <b>4c</b> . (This must equal Form 990, Part I, line 12.) | <b>5</b>  | 25,657,477. |

**Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.**

Complete if the organization answered "Yes" to Form 990, Part IV, line 12a.

|          |                                                                                                 |           |             |
|----------|-------------------------------------------------------------------------------------------------|-----------|-------------|
| <b>1</b> | Total expenses and losses per audited financial statements                                      | <b>1</b>  | 26,183,185. |
| <b>2</b> | Amounts included on line 1 but not on Form 990, Part IX, line 25:                               |           |             |
| <b>a</b> | Donated services and use of facilities                                                          | <b>2a</b> |             |
| <b>b</b> | Prior year adjustments                                                                          | <b>2b</b> |             |
| <b>c</b> | Other losses                                                                                    | <b>2c</b> |             |
| <b>d</b> | Other (Describe in Part XIII.)                                                                  | <b>2d</b> |             |
| <b>e</b> | Add lines <b>2a</b> through <b>2d</b>                                                           | <b>2e</b> | 0.          |
| <b>3</b> | Subtract line <b>2e</b> from line <b>1</b>                                                      | <b>3</b>  | 26,183,185. |
| <b>4</b> | Amounts included on Form 990, Part IX, line 25, but not on line 1:                              |           |             |
| <b>a</b> | Investment expenses not included on Form 990, Part VIII, line 7b                                | <b>4a</b> | 50,139.     |
| <b>b</b> | Other (Describe in Part XIII.)                                                                  | <b>4b</b> |             |
| <b>c</b> | Add lines <b>4a</b> and <b>4b</b>                                                               | <b>4c</b> | 50,139.     |
| <b>5</b> | Total expenses. Add lines <b>3</b> and <b>4c</b> . (This must equal Form 990, Part I, line 18.) | <b>5</b>  | 26,233,324. |

**Part XIII Supplemental Information.**

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

**PART V, LINE 4:**

**EXPLANATION:** THE ORGANIZATION'S ENDOWMENT FUNDS ARE HELD AND ADMINISTERED BY THE ASHRAE FOUNDATION, A RELATED ORGANIZATION, TO PROVIDE AWARDS TO PEOPLE WHO HAVE MADE CONTRIBUTIONS OF THEIR ENLIGHTENED KNOWLEDGE IN THE HVAC FIELD AND TO GIVE SCHOLARSHIPS TO STUDENTS OF EXCELLENCE IN THE HVAC FIELD. EARNINGS FROM THE ENDOWMENT FUNDS ARE UNRESTRICTED AND ARE USED TO FUND VARIOUS GRANTS AND AWARDS.

**PART X, LINE 2:**

**EXPLANATION:** IN MANAGEMENT'S OPINION, THE SOCIETY HAS NOT TAKEN ANY UNCERTAIN TAX POSITIONS THAT COULD RESULT IN A MATERIAL INCOME TAX LIABILITY. THE SOCIETIES TAX RETURNS ARE SUBJECT TO EXAMINATION BY THE

**Part XIII** Supplemental Information (continued)

INTERNAL REVENUE SERVICE ("IRS") FOR A THREE-YEAR PERIOD AFTER THE FILING  
DATE. IN ADDITION, FOR FORM 990-T, TAX YEARS GENERATING NET OPERATING  
LOSSES ARE SUBJECT TO IRS EXAMINATION FOR A PERIOD UP TO THREE YEARS FROM  
THE YEAR IN WHICH THE NET OPERATING LOSS IS UTILIZED TO OFFSET TAXABLE  
INCOME.

Department of the Treasury  
Internal Revenue Service

## Statement of Activities Outside the United States

► Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.

▶ **Attach to Form 990.** ▶ **See separate instructions.**

► Information about Schedule F (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No. 1545-0047

2013

**Open to Public Inspection**

Name of the organization

AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.

Employer identification number

13-5675095

**Part I** **General Information on Activities Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 14b.

- 1 For grantmakers. Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☐ Yes ☒ No
- 2 For grantmakers. Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States.
- 3 Activities per Region. (The following Part I, line 3 table can be duplicated if additional space is needed.)

| 3 Activities per region: (The following Part I, line 3 table can be duplicated if additional space is needed.) |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------|
| (a) Region                                                                                                     | (b) Number of offices in the region | (c) Number of employees, agents, and independent contractors in region | (d) Activities conducted in region (by type) (e.g., fundraising, program services, investments, grants to recipients located in the region) | (e) If activity listed in (d) is a program service, describe specific type of service(s) in region | (f) Total expenditures for and investments in region |
|                                                                                                                |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                                                                                |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                                                                                |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                                                                                |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                                                                                |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                                                                                |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                                                                                |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                                                                                |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                                                                                |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
| <b>3 a</b> Sub-total                                                                                           | 0                                   | 0                                                                      |                                                                                                                                             |                                                                                                    | 0                                                    |
| <b>b</b> Total from continuation sheets to Part I                                                              | 0                                   | 0                                                                      |                                                                                                                                             |                                                                                                    | 0                                                    |
| <b>c Totals</b> (add lines 3a and 3b)                                                                          | 0                                   | 0                                                                      |                                                                                                                                             |                                                                                                    | 0                                                    |

**LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.**

Schedule F (Form 990) 2013



| (a) Type of grant or assistance | (b) Region                             | (c) Number of recipients | (d) Amount of cash grant | (e) Manner of cash disbursement | (f) Amount of non-cash assistance | (g) Description of non-cash assistance | (h) Method of valuation (book, FMV, appraisal, other) |
|---------------------------------|----------------------------------------|--------------------------|--------------------------|---------------------------------|-----------------------------------|----------------------------------------|-------------------------------------------------------|
| SCHOLARSHIPS                    | NORTH AMERICA                          | 4                        | 18,970.                  | CASH DISBURSED THROUGH CHECKS   | 0.                                |                                        |                                                       |
| SCHOLARSHIPS                    | SOUTH ASIA                             | 1                        | 4,135.                   | CASH DISBURSED THROUGH CHECKS   | 0.                                |                                        |                                                       |
| SCHOLARSHIPS                    | EUROPE (INCLUDING ICELAND & GREENLAND) | 2                        | 10,000.                  | CASH DISBURSED THROUGH CHECKS   | 0.                                |                                        |                                                       |
| SCHOLARSHIPS                    | EAST ASIA AND THE PACIFIC              | 2                        | 5,000.                   | CASH DISBURSED THROUGH CHECKS   | 0.                                |                                        |                                                       |
| SCHOLARSHIPS                    | MIDDLE EAST                            | 1                        | 5,000.                   | CASH DISBURSED THROUGH CHECKS   | 0.                                |                                        |                                                       |
|                                 |                                        |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                        |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                        |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                        |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                        |                          |                          |                                 |                                   |                                        |                                                       |

- 1 Was the organization a U.S. transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U.S. Transferor of Property to a Foreign Corporation (see Instructions for Form 926)* ☐ Yes ☒ No
- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to file Form 3520, Annual Return to Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A)* ☐ Yes ☒ No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons With Respect To Certain Foreign Corporations. (see Instructions for Form 5471)* ☐ Yes ☒ No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund. (see Instructions for Form 8621)* ☐ Yes ☒ No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons With Respect To Certain Foreign Partnerships. (see Instructions for Form 8865)* ☐ Yes ☒ No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to file Form 5713, International Boycott Report. (see Instructions for Form 5713)* ☐ Yes ☒ No

Schedule F (Form 990) 2013

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Grants and Other Assistance to Organizations, Governments, and Individuals in the United States

Complete if the organization answered "Yes" to Form 990, Part IV, line 21 or 22.

# 2013

**Open to Public  
Inspection**

► Information about Schedule I (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

**► Attach to Form 990.**

|                          |                                                                       |                                |            |
|--------------------------|-----------------------------------------------------------------------|--------------------------------|------------|
| Name of the organization | AMERICAN SOCIETY OF HEATING,<br>REFRIGERATING AND A-C ENGINEERS, INC. | Employer identification number | 13-5675095 |
|--------------------------|-----------------------------------------------------------------------|--------------------------------|------------|

|               |                                                     |
|---------------|-----------------------------------------------------|
| <b>Part I</b> | <b>General Information on Grants and Assistance</b> |
|---------------|-----------------------------------------------------|

**1** Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grant's or assistance?

☐ Yes ☒ No

**2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.**

| Part II | Grants and Other Assistance to Governments and Organizations in the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 21, for any |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

[illegible]

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table

**3** Enter total number of other organizations listed in the line 1 table

**LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.**

Schedule I (Form 990) (2013)



## Page 2

**Grants and Other Assistance to Individuals in the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 22. Part III can be duplicated if additional space is needed.

| (a) Type of grant or assistance | (b) Number of recipients | (c) Amount of cash grant | (d) Amount of non-cash assistance | (e) Method of valuation (book, FMV, appraisal, other) | (f) Description of non-cash assistance |
|---------------------------------|--------------------------|--------------------------|-----------------------------------|-------------------------------------------------------|----------------------------------------|
| RESEARCH GRANTS                 | 15                       | 58,213.                  | 0.                                |                                                       |                                        |
|                                 |                          |                          |                                   |                                                       |                                        |
|                                 |                          |                          |                                   |                                                       |                                        |
|                                 |                          |                          |                                   |                                                       |                                        |
|                                 |                          |                          |                                   |                                                       |                                        |
|                                 |                          |                          |                                   |                                                       |                                        |

**Part IV: Supplemental Information.** Provide the information required in Part I, line 2, Part III, column (b), and any other additional information.

**SCHEDULE J  
(Form 990)**

Department of the Treasury  
Internal Revenue Service

**Compensation Information**

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23.

▶ Attach to Form 990. ▶ See separate instructions.

▶ Information about Schedule J (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047

**2013**

Open to Public  
Inspection

Name of the organization

AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.

Employer identification number  
13-5675095

**Part I Questions Regarding Compensation**

**1a** Check the appropriate box(es) if the organization provided any of the following to or for a person listed in Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.

- |                                                                    |                                                                          |
|--------------------------------------------------------------------|--------------------------------------------------------------------------|
| <input type="checkbox"/> First-class or charter travel             | <input type="checkbox"/> Housing allowance or residence for personal use |
| <input checked="" type="checkbox"/> Travel for companions          | <input type="checkbox"/> Payments for business use of personal residence |
| <input type="checkbox"/> Tax indemnification and gross-up payments | <input type="checkbox"/> Health or social club dues or initiation fees   |
| <input type="checkbox"/> Discretionary spending account            | <input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef) |

**b** If any of the boxes on line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain

**2** Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, and officers, including the CEO/Executive Director, regarding the items checked in line 1a?

**3** Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.

- |                                                              |                                                                                     |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Compensation committee   | <input type="checkbox"/> Written employment contract                                |
| <input type="checkbox"/> Independent compensation consultant | <input type="checkbox"/> Compensation survey or study                               |
| <input type="checkbox"/> Form 990 of other organizations     | <input checked="" type="checkbox"/> Approval by the board or compensation committee |

**4** During the year, did any person listed in Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:

- a** Receive a severance payment or change-of-control payment?
- b** Participate in, or receive payment from, a supplemental nonqualified retirement plan?
- c** Participate in, or receive payment from, an equity-based compensation arrangement?

If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.

**Only section 501(c)(3) and 501(c)(4) organizations must complete lines 5-9.**

**5** For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:

- a** The organization?
- b** Any related organization?

If "Yes" to line 5a or 5b, describe in Part III.

**6** For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:

- a** The organization?
- b** Any related organization?

If "Yes" to line 6a or 6b, describe in Part III.

**7** For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III

**8** Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III

**9** If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?

|    | Yes | No |
|----|-----|----|
| 1b | X   |    |
| 2  | X   |    |
| 4a |     | X  |
| 4b |     | X  |
| 4c |     | X  |
| 5a |     | X  |
| 5b |     | X  |
| 6a |     | X  |
| 6b |     | X  |
| 7  |     | X  |
| 8  |     | X  |
| 9  |     |    |

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Schedule J (Form 990) 2013



Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

**SCHEDULE O**  
**(Form 990 or 990-EZ)**

Department of the Treasury  
Internal Revenue Service

**Supplemental Information to Form 990 or 990-EZ**

Complete to provide information for responses to specific questions on  
Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047

**2013**

Open to Public  
Inspection

Name of the organization

AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.

Employer identification number

13-5675095

FORM 990, PART I, LINE 1, DESCRIPTION OF ORGANIZATION MISSION:

("ASHRAE") IS TO ADVANCE THE ARTS AND SCIENCES OF HEATING, VENTILATING  
AND REFRIGERATING TO SERVE HUMANITY AND PROMOTE A SUSTAINABLE WORLD.

FORM 990, PART III, LINE 4D, OTHER PROGRAM SERVICES:

TECHNOLOGY - INCLUDING THE FOLLOWING AREA: ENVIRONMENTAL HEALTH,  
REFRIGERATION, RESEARCH ADMINISTRATION, STANDARDS AND TECHNICAL  
ACTIVITIES.

EXPENSES \$ 1,760,400. INCLUDING GRANTS OF \$ 0. REVENUE \$ 0.

EXPOSITION - INCLUDING ADMISSIONS AND ROYALTIES FROM THE ANNUAL  
EXPOSITION

EXPENSES \$ 0. INCLUDING GRANTS OF \$ 0. REVENUE \$ 4,195,186.

FORM 990, PART VI, SECTION A, LINE 6:

EXPLANATION: ASHRAE IS A MEMBERSHIP ORGANIZATION

FORM 990, PART VI, SECTION A, LINE 7A:

EXPLANATION: THE MEMBERS OF ASHRAE NOMINATE AND ELECT THE MEMBERS OF THE  
BOARD OF TRUSTEES.

FORM 990, PART VI, SECTION A, LINE 7B:

EXPLANATION: ANY CHANGES TO ASHRAE'S BYLAWS ARE SUBJECT TO MEMBER APPROVAL.

FORM 990, PART VI, SECTION B, LINE 11:

EXPLANATION: THE BOARD OF DIRECTORS RECEIVE A COPY OF THE FORM 990 FOR

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ.

Schedule O (Form 990 or 990-EZ) (2013)

332211  
09-04-13

Name of the organization **AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND A-C ENGINEERS, INC.**

Employer identification number  
**13-5675095**

REVIEW. ANY COMMENTS ARE TAKEN UNDER CONSIDERATION PRIOR TO FILING THE  
FORM 990.

FORM 990, PART VI, SECTION B, LINE 12C:

EXPLANATION: THE EXECUTIVE COMMITTEE MONITORS THE POLICY FOR THE BOARD OF  
DIRECTORS.

FORM 990, PART VI, SECTION B, LINE 15:

EXPLANATION: THE SALARY ADMINISTRATION COMMITTEE MEETS EACH YEAR TO  
DETERMINE THE SALARIES.

FORM 990, PART VI, SECTION C, LINE 19:

EXPLANATION: THE ORGANIZATION MAKES ITS GOVERNING DOCUMENTS, CONFLICT OF  
INTEREST POLICY AND FINANCIAL STATEMENTS AVAILABLE TO THE PUBLIC THROUGH  
ITS WEBSITE.

**SCHEDULE R  
(Form 990)**

Department of the Treasury  
Internal Revenue Service

**Related Organizations and Unrelated Partnerships**

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.  
▶ Attach to Form 990. ▶ See separate instructions.

▶ Information about Schedule R (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

Name of the organization **AMERICAN SOCIETY OF HEATING, REFRIGERATING AND A-C ENGINEERS, INC.** Employer identification number **13-5675095**

OMB No. 1545-0047  
**2013**  
Open to Public Inspection

**Part I Identification of Disregarded Entities** Complete if the organization answered "Yes" on Form 990, Part IV, line 33.

| (a)<br>Name, address, and EIN (if applicable)<br>of disregarded entity | (b)<br>Primary activity | (c)<br>Legal domicile (state or<br>foreign country) | (d)<br>Total income | (e)<br>End-of-year assets | (f)<br>Direct controlling<br>entity |
|------------------------------------------------------------------------|-------------------------|-----------------------------------------------------|---------------------|---------------------------|-------------------------------------|
|                                                                        |                         |                                                     |                     |                           |                                     |
|                                                                        |                         |                                                     |                     |                           |                                     |
|                                                                        |                         |                                                     |                     |                           |                                     |
|                                                                        |                         |                                                     |                     |                           |                                     |
|                                                                        |                         |                                                     |                     |                           |                                     |
|                                                                        |                         |                                                     |                     |                           |                                     |
|                                                                        |                         |                                                     |                     |                           |                                     |
|                                                                        |                         |                                                     |                     |                           |                                     |
|                                                                        |                         |                                                     |                     |                           |                                     |
|                                                                        |                         |                                                     |                     |                           |                                     |

**Part II Identification of Related Tax-Exempt Organizations** Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related tax-exempt organizations during the tax year.

| (a)<br>Name, address, and EIN<br>of related organization | (b)<br>Primary activity | (c)<br>Legal domicile (state or<br>foreign country) | (d)<br>Exempt Code<br>section | (e)<br>Public charity<br>status (if section<br>501(c)(3)) | (f)<br>Direct controlling<br>entity | (g)<br>Section 512(b)(13)<br>controlled<br>entity? |    |
|----------------------------------------------------------|-------------------------|-----------------------------------------------------|-------------------------------|-----------------------------------------------------------|-------------------------------------|----------------------------------------------------|----|
|                                                          |                         |                                                     |                               |                                                           |                                     | Yes                                                | No |
| A.S.H.R.A.E. FOUNDATION - 58-6274320                     | TO SUPPORT AND BENEFIT  |                                                     |                               |                                                           |                                     |                                                    |    |
| 1791 TULLIE CIRCLE N.E.                                  | ASHRAE BY GIVING AWARDS |                                                     |                               |                                                           |                                     |                                                    |    |
| ATLANTA, GA 30329-2305                                   | AND SCHOLARSHIPS.       | GEORGIA                                             | 501(C)(3)                     | 11(A)                                                     | N/A                                 |                                                    | X  |
| ASHRAE RESEARCH CANADA                                   |                         |                                                     |                               |                                                           |                                     |                                                    |    |
| 1791 TULLIE CIRCLE N.E.                                  | TO BENEFIT THE CANADIAN |                                                     |                               |                                                           |                                     |                                                    |    |
| ATLANTA, GA 30329-2305                                   | MEMBERS OF ASHRAE       | CANADA                                              |                               |                                                           | N/A                                 |                                                    | X  |
|                                                          |                         |                                                     |                               |                                                           |                                     |                                                    |    |
|                                                          |                         |                                                     |                               |                                                           |                                     |                                                    |    |
|                                                          |                         |                                                     |                               |                                                           |                                     |                                                    |    |
|                                                          |                         |                                                     |                               |                                                           |                                     |                                                    |    |
|                                                          |                         |                                                     |                               |                                                           |                                     |                                                    |    |
|                                                          |                         |                                                     |                               |                                                           |                                     |                                                    |    |

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule R (Form 990) 2013

[illegible][illegible][illegible]



**Part V Transactions With Related Organizations** Complete if the organization answered "Yes" on Form 990, Part IV, line 34, 35b, or 36.

**Note.** Complete line 1 if any entity is listed in Parts II, III, or IV of this schedule.

**1** During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?

**a** Receipt of (i) interest (ii) annuities (iii) royalties or (iv) rent from a controlled entity

**b** Gift, grant, or capital contribution to related organization(s)

**c** Gift, grant, or capital contribution from related organization(s)

**d** Loans or loan guarantees to or for related organization(s)

**e** Loans or loan guarantees by related organization(s)

**f** Dividends from related organization(s)

**g** Sale of assets to related organization(s)

**h** Purchase of assets from related organization(s)

**i** Exchange of assets with related organization(s)

**j** Lease of facilities, equipment, or other assets to related organization(s)

**k** Lease of facilities, equipment, or other assets from related organization(s)

**l** Performance of services or membership or fundraising solicitations for related organization(s)

**m** Performance of services or membership or fundraising solicitations by related organization(s)

**n** Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)

**o** Sharing of paid employees with related organization(s)

**p** Reimbursement paid to related organization(s) for expenses

**q** Reimbursement paid by related organization(s) for expenses

**r** Other transfer of cash or property to related organization(s)

**s** Other transfer of cash or property from related organization(s)

**2** If the answer to any of the above is "Yes," see the instructions for information on who must complete this line, including covered relationships and transaction thresholds.

| (a)<br>Name of related organization | (b)<br>Transaction<br>type (a-s) | (c)<br>Amount involved | (d)<br>Method of determining amount involved |
|-------------------------------------|----------------------------------|------------------------|----------------------------------------------|
| (1) ASHRAE RESEARCH CANADA          | L                                | 223,377                | ACTUAL COSTS                                 |
| (2) A.S.H.R.A.E. FOUNDATION         | C                                | 193,886                | ACTUAL AMOUNTS                               |
| (3)                                 |                                  |                        |                                              |
| (4)                                 |                                  |                        |                                              |
| (5)                                 |                                  |                        |                                              |
| (6)                                 |                                  |                        |                                              |

## Total assets or gross revenue)

Total assets or gross revenue)

[illegible]

Provide additional information for responses to questions on Schedule R (see instructions).

- If you are filing for an **Additional (Not Automatic) 3-Month Extension**, complete only **Part II** and check this box ☒ **X**

**Note.** Only complete Part II if you have already been granted an automatic 3-month extension on a previously filed Form 8868.

- If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** (on page 1).

**Part II Additional (Not Automatic) 3-Month Extension of Time.** Only file the original (no copies needed).

Enter filer's identifying number, see instructions

|                                                                               |                                                                                          |                                         |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------|
| Type or print<br>File by the due date for filing your return See instructions | Name of exempt organization or other filer, see instructions.                            | Employer identification number (EIN) or |
|                                                                               | AMERICAN SOCIETY OF HEATING,<br>REFRIGERATING AND A-C ENGINEERS, INC.                    | 13-5675095                              |
|                                                                               | Number, street, and room or suite no. If a P.O. box, see instructions.                   | Social security number (SSN)            |
|                                                                               | 1791 TULLIE CIRCLE N.E.                                                                  |                                         |
|                                                                               | City, town or post office, state, and ZIP code. For a foreign address, see instructions. |                                         |
|                                                                               | ATLANTA, GA 30329                                                                        |                                         |

Enter the Return code for the return that this application is for (file a separate application for each return)

01

| Application Is For                       | Return Code | Application Is For                | Return Code |
|------------------------------------------|-------------|-----------------------------------|-------------|
| Form 990 or Form 990-EZ                  | 01          |                                   |             |
| Form 990-BL                              | 02          | Form 1041-A                       | 08          |
| Form 4720 (individual)                   | 03          | Form 4720 (other than individual) | 09          |
| Form 990-PF                              | 04          | Form 5227                         | 10          |
| Form 990-T (sec. 401(a) or 408(a) trust) | 05          | Form 6069                         | 11          |
| Form 990-T (trust other than above)      | 06          | Form 8870                         | 12          |

**STOP! Do not complete Part II if you were not already granted an automatic 3-month extension on a previously filed Form 8868.**

ASHRAE, INC. C/O CINDY SIMMONS

- The books are in the care of ☒ 1791 TULLIE CIRCLE NE - ATLANTA, GA 30329-2305

Telephone No ☒ 404-636-8400

Fax No. ☐

- If the organization does not have an office or place of business in the United States, check this box ☐

- If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) ☐. If this is for the whole group, check this box ☐. If it is for part of the group, check this box ☐ and attach a list with the names and EINs of all members the extension is for.

- 4 I request an additional 3-month extension of time until MAY 15, 2015
- 5 For calendar year 2013, or other tax year beginning JUL 1, 2013, and ending JUN 30, 2014
- 6 If the tax year entered in line 5 is for less than 12 months, check reason. ☐ Initial return ☐ Final return ☐ Change in accounting period

- 7 State in detail why you need the extension

**TAXPAYER IS WAITING ON ADDITIONAL THIRD PARTY INFORMATION TO FILE A COMPLETE AND ACCURATE RETURN.**

|                                                                                                                                                                                                                                    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|
| 8a If this application is for Forms 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits See instructions                                                                                 | 8a | \$ | 0. |
| b If this application is for Forms 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made Include any prior year overpayment allowed as a credit and any amount paid previously with Form 8868 | 8b | \$ | 0. |
| c Balance due. Subtract line 8b from line 8a Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions.                                                           | 8c | \$ | 0. |

**Signature and Verification must be completed for Part II only.**

Under penalties of perjury, I declare that I have examined this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete, and that I am authorized to prepare this form.

Signature ☒ Le. P. Jones Title ☒ CPA

Date ☒ 3/14/2015

Form 8868 (Rev. 1-2014)