

ASHRAE UPDATE

DRC Report to Chapters
2017 Winter Conference

By Doug Cochrane, P.Eng., LEED AP Region II



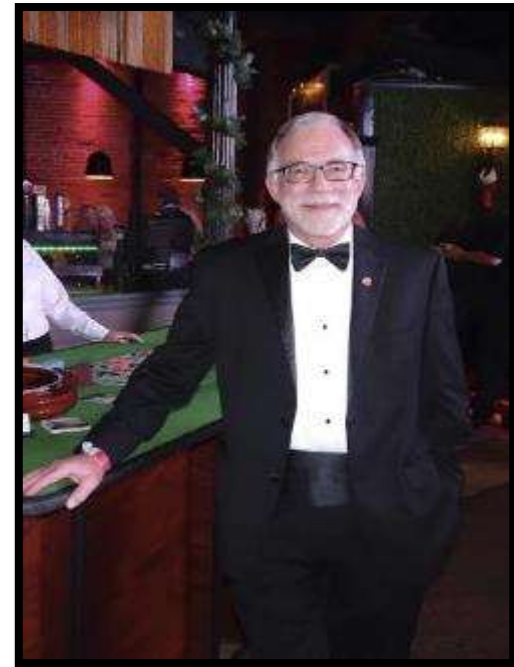
AHR EXPO/ASHRAE CONFERENCE

- AHR Expo
 - Over 500,000 sq ft exhibit space
 - More than 2,000 exhibitors and over 68,000 industry professionals
 - Attendees from every state in the U.S. and 150 countries worldwide
- ASHRAE Conference
 - 2,761 attendees
 - 699 committee meetings
 - 248 presentations via 331 speakers in Technical Program



PRESIDENTIAL INITIATIVES – PRESIDENT’S LUNCHEON

- Internship Program – launched
- Chapter Opportunity Fund – funds being distributed to regions and chapters for implementation
- App Portfolio – expansion underway



NEW EDUCATIONAL COURSES

- Cogeneration from the Basics through Operation
- Complying with Standard 90.1-2016
- Complying with the Requirements of Standard 62.1-2016
- New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs
- Complying with Standard 90.1-2016 Appendix G
- Variable Refrigerant Flow System Design & Applications
- Design of Affordable and Efficient Ground Source Heat Pump Systems



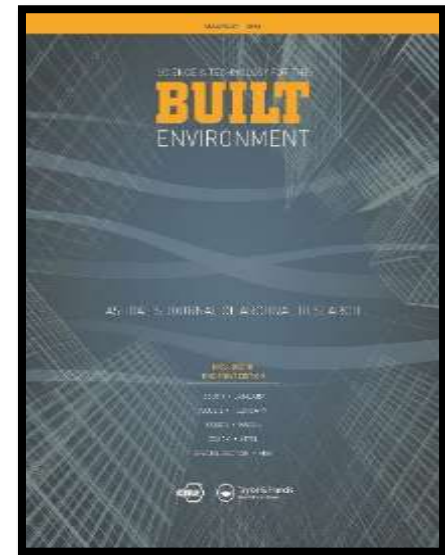
NEW INTERNATIONAL MAILING

- New international mailing service to ensure faster and more accurate delivery of ASHRAE Journal
- Began with December 2016 issue

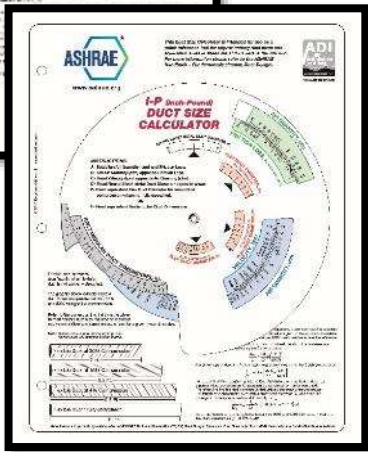
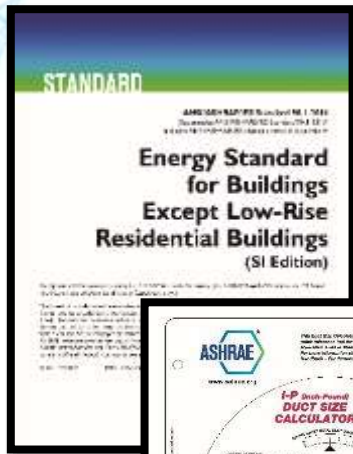


FREE ACCESS TO STBE

- ASHRAE members now have **free** online access to *Science and Technology for the Built Environment*
- Provides comprehensive reporting of original research in science and technology related to the stationary and mobile built environment
- Available using ASHRAE member login at www.ashrae.org/stbe



RECENT PUBLICATIONS AND STANDARDS



- Standard 15-2016, *Safety Standard for Refrigeration Systems*
- Standard 34-2016, *Designation and Safety Classification of Refrigerants*
- Standard 90.1-2016, *Energy Efficiency Standard for Buildings Except Low-Rise Residential Buildings*
- Standard 90.4-2016, *Energy Standard for Data Centers*
- User's Manuals for Standards 55 (thermal comfort), 62.1 (ventilation) and 62.2 (residential ventilation)
- Duct Size Calculator



UPCOMING PUBLICATIONS

- *ASHRAE Design Guide for Cleanrooms* (slated for April publication)
- *ASHRAE Design Guide for Duct Systems* (to be approved in Las Vegas)
- *ASHRAE Design Guide for Dedicated Outdoor Air Systems* (slated for June publication)
- *ASHRAE Design Guide for Air Terminal Units* (possible approval in Las Vegas)
- *Advanced Energy Design Guide for K-12 Schools: Achieving Zero Energy*
- *ASHRAE 90.1-2016 users manual*



MEMBER UPDATE

- *12 TC's used remote participation at winter meeting. 4 more slots to be added in Long Beach*
- *RMCR added to DSA/ESA point tally form*
- *Society looking at possible revamp of winter and summer meetings, combined CRC's, regional alignment, better use of volunteer time*
- *Apr 8 first time Chapter Leadership Academy*
- *DSA/ESA pins to be redesigned to older smaller shape*
- *A2L refrigerant research well underway*



MEMBER UPDATE

- *2018 handbook instead of cd will be on line pdf*
- *2020 handbook if want print copy will be extra charge*
- *ASHRAE 125th anniversary in 2019-2020. stay tuned for more details.*
- *Technology portal for access to journal articles and research papers*
- *Continuation of improving technology to make it easier for members to get information they need*
- *Motion to board to create new region in Europe*



REGION II RECOGNITION

- *Darryl Boyce, Ottawa – Treasurer Nominee*
- *Michel Bernier, Montreal – elevated to Fellow*
- *Kurt Monteiro, Toronto – Technology award 1st place for new health care design – Humber Regional Hospital*
- *Julien Allard, Montreal – Technology award 1st place for new industrial facilities- STM*
- *Claude Dumas – Montreal – Milton Garland Refrigeration Award*
- *Ryerson University – Toronto, 1 of top 2 schools for research grant program*
- *George Menzies – Hamilton – 50 year distinguished member*



ASHRAE CONFERENCES

- **Second International Conference on Energy and Indoor Environment for Hot Climates**, Doha, Qatar, Feb. 26-27
- **Delivering Resilient High-Performance Buildings**, Loughborough, UK, April 5-6 (in collaboration with CIBSE)
- **Sustainable Management of Refrigeration Technologies in Marine and Off-Shore Fisheries Sectors**, Bangkok, Thailand, April 6-8
- **ASHRAE Webcast**, Take Control: Using Analytics to Drive Building Performance, April 20
- **2017 ASHRAE Annual Conference**, Long Beach, Calif., June 24-28
- **ASHRAE 2017 Building Performance Analysis Conference**, Atlanta, Ga., Sept. 27-29
- **Second Developing Economies Conference**, Delhi, India, Nov. 10-11



UPCOMING REGION II EVENTS

- **Regional Planning Meeting/ President –Elect Training, Montreal, Apr 1**
- **Day on the Hill , Ottawa (trying for Wed –Thurs June 7, 8)**
- **2017 ASHRAE Annual Conference Regional Dinner (combined with Region XI), Long Beach, California, Mon June 26 –details to follow**
- **Chapters Regional Conference (CRC) ,Montreal Aug 25-27 (Alt Hotel Griffintown)**
- **RP Centralized Training Chicago Sep 15-16**
- **2022 ASHRAE Annual Meeting, Toronto (June 2022) in celebration of chapter's 100th anniversary**