

**ASHRAE TC 8.11**  
**Unitary and Room Air Conditioners and Heat Pumps**  
**Main Meeting Minutes**

**2023 ASHRAE Winter Conference**  
**Hybrid**

**Monday 2/6/2023, 4:00 PM – 6:00 PM EST (Hybrid)**  
Omni CNN Center Atlanta, Dogwood B (M1-North)

**1. Call to order**

**Worthington**

Meeting called to order on Monday 2/6 at 4:00pm.

**2. Review Scope**

Technical Committee 8.11 is concerned with products for use in comfort cooling and/or heating systems. The factory engineered vapor compression systems include: (1) unitary equipment which generally requires the field engineering of the product mounting and ducting, piping and electrical connections, (2) room air conditioners such as window mounted units and ductless split systems and (3) packaged terminal equipment. Specifically excluded are unitary combustion-engine driven systems.

**3. ASHRAE Code of Ethics Commitment**

**Worthington**

"In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests." See full ASHRAE Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>

**4. Introductions**

**All**

a. Determination of a quorum

McFadden

*VOTING MEMBERS FOR THIS MEETING (Need 7 for a Quorum)*

X	Kasey Worthington	6/30/2024
X	Michael Creamer	6/30/2025
	Eric Berg	6/30/2024
X	Omar Abdelaziz	6/30/2026
X	Davide Ziviani	6/30/2024
X	Craig Bradshaw	6/30/2024

X	Kirk Stifle	6/30/2023
X	Andrew Hjortland	6/30/2025
X	Kevin McFadden	6/30/2026
X	Jon Winkler	6/30/2024
X	Khaled Saleh	6/30/2025
X	Jason LeRoy	6/30/2026

Quorum established with 11 of 12 voting members present.

**5. Agenda additions**

**All**

No additional items added to the agenda.

**6. Chair's Report**

**Worthington**

a. Announcements and Highlights from TC Chairs Breakfast Meeting

**7. TC's Strategic Plan**

**8. Liaison reports (as they arrive)**

**Liaisons**

a. MTG – Low GWP Refrigerants

Siva G

No updates given during the meeting.

b. Refrigeration Technology

Hwang

No updates given during the meeting.

c. DeCarb Task Force

Kirkwood

No updates given during the meeting.

d. RAC

Seeton

No updates given during the meeting.

e. TAC Section 8

Mercer

Roster update is due soon.

## 9. Approval of minutes from Toronto Summer Meeting

Worthington

Minutes approved unanimously, after receiving a motion and second. [11-0-0-CNV]

## 10. Membership/Roster

McFadden

Name	Role	Voting
Kasey Worthington	Chair	Yes
Scott Creamer	Vice Chair	Yes
Kevin McFadden	Secretary	Yes
Chris Stone	Standards Chair	
Chad Bowers	Handbook Chair	
Davide Ziviani	Program Chair	Yes
Eric Berg	Research Chair	Yes
Darin Nutter	Web-master	

Name	Role	Voting
Omar Abdelaziz		Yes
Craig Bradshaw		Yes
Kirk Stifle		Yes
Andrew Hjortland		Yes
Jon Winkler		Yes
Khaled Saleh		Yes
Jason LeRoy		Yes

## 11. Subcommittee reports

a. Programs

Grant Wheeler

b. Research

Eric Berg

i. No cost extension for RP-1733 Passes by Letter Ballot on 12/20/2 [11-0-0CNV]

c. Handbook

Chad Bowers

i. Two chapters to be updated by 2024 (CAC systems and RAC/PTAC systems).

ii. Additional interest expressed in heat pump installation methods / best practice.

iii. Sections on low-GWP refrigerant were also suggested.

d. Standards

Chris Stone

i. Draft Standard ASHRAE 37, Methods Of Testing For Rating Electrically Driven Unitary Air-Conditioning And Heat-Pump Equipment

1. Intended to be voted our for Public Review at the Wednesday SPC 37 meeting

2. SSPC 37 to be formed after release of the standard.

ii. ASHRAE Standard 206-2013 (RA 2017), Method of Testing for Rating of Multipurpose Heat Pumps for Residential Space Conditioning and Water Heating

1. Motion for Reaffirmation by Scott Creamer, 2<sup>nd</sup> by Davide Ziviani

- Passed unanimously [11-0-0-CNV]

2. Jeremy Seger observed that 206 needs a revision due to the outdated usage of EF (rather than the current UEF) for water heaters.

iii. ASHRAE 205-2023, Representation Of Performance Data For HVAC&R And Other Facility Equipment

1. Standard has been published.

e. Web site

Darin Nutter

i. Darin rolled off membership and needs to have website access reinstated.

## 12. Old Business

## 13. New Business

- a. Don Brandt is requesting TC8.11 appoint a representative to work with him, the Rocky Mtn Inst, and AHRI on new efficiency STDs for residential and window units for the very hot ambient and warm/very humid ambient.
  - i. Chao Ling (LBNL, corresponding member) agreed to take on the role.
- b. Chad Kirkwood summarized the DOE CAC TP RFI, as it relates to the Unitary Next Generation Test Procedure Subcommittee (UNGTP SC) of TC 8.11
  - i. 26 Issues, mostly pertaining to load-based testing (3 R's: Repeatability, Reproducibility, Representativeness)
  - ii. Demand defrost, Ton & Toff, standby, off-mode, crankcase heat
  - iii. Expectation that the metric may become total capacity over total power (like CUAC ASRAC term sheet: IVEC)
  - iv. Comments are due 2/23/2023.
  - v. AHRI has requested a 30-day extension.
  - vi. May possibly get to an ASRAC / negotiated rulemaking.
  - vii. TC 8.11 UNGTP SC intends to resume meeting after the RFI comment period has closed in order to respond to relevant issues.

#### **14. Adjourn**

Meeting adjourned around 4:30pm.