

**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	Kirk Stifle	6/30/2023
X	Michael Creamer	6/30/2025	X	Andrew Hjortland	6/30/2025
	Eric Berg	6/30/2024	X	Kevin McFadden	6/30/2026
X	Omar Abdelaziz	6/30/2026	X	Jon Winkler	6/30/2024
X	Davide Ziviani	6/30/2024	X	Khaled Saleh	6/30/2025
X	Craig Bradshaw	6/30/2024	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, 2nd 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.