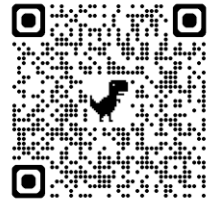


ASHRAE TC 5.1 Fans
Winter 2026 Subcommittee Meeting Draft Minutes



Tuesday 1/13/2026, 3:00 - 4:30 PM CST

[Meeting Link](#)

[Sign-In Sheet](#)

a. Call to order

Mark VanderKooy

Meeting was called to order at 3:00 PM CST

b. Review Scope

Mark VanderKooy

TC 5.1 is concerned with the selection, application and testing-for-rating of fans, including recommended installation practices and field test procedures.

c. ASHRAE Value Statement

Mark VanderKooy

ASHRAE Value Statement – *In ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and shall avoid all real or perceived conflicts of interest. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We celebrate diverse and inclusive communities, understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and the communities our Society serves. We respect and welcome all.*

[Code of Ethics](#) – Please review prior to meeting

[Core Values](#) - Please review prior to meeting

[Diversity Statement](#) – Please review prior to meeting

d. Introductions

All

a. Determination of a quorum

Nazme Mohsina

VOTING MEMBERS FOR THIS MEETING (Need (6) or ½+1 for a Quorum)

TC 5.1 Voting Members	
Mark VanderKooy – Chair	
Kevin Gebke – Vice Chair	
Nazme Mohsina – Secretary	
Devendra Kulkarni – Research SC Chair and Webmaster	
Dr Rich Stauter – Program SC Chair	
Jamie Yeh	
Matthew Kauffmann	
Joseph Fiegen	
Eric Tinglof	
Greg Wagner	
Dr Gang Wang	

Non-Voting Subcommittee Chairs
Z. Patrick Chinoda – Handbook SC Chair
Nathan Fetting – Standards SC Chair

e. Agenda additions

All

f. Chair's Report

Mark VanderKooy

g. Subcommittee reports

a. Programs

Dr. Rich Stauter

- No programs currently scheduled for the Winter 2026 conference.

Potential seminar topics discussed:

- Energy codes and state fan regulations:
 - AMCA unification effort (update available)
 - Ceiling air and circulating fan regulations
- Experimental validation of design wind pressures for rooftop fans
 - Overview of AMCA 280
 - AMCA 280 is currently under AMCA Board of Directors review, anticipating ANSI approval around March
 - Overview of current code requirements
 - Decision: Submit proposal for Summer 2026 (pending volunteers), with option to withdraw if approval is delayed
 - Harold (TC 2.7 Chair) offered to help identify presenters
 - Potential joint seminar covering wind loading and energy code topics
- Regulatory updates
 - DOE and CEC T20

Fan Basics Seminar

- Daniel Hernandez volunteered to assist
- Suggested topic groupings:
 - Fan aerodynamics
 - Acoustics
 - Fan applications / system effects
 - FEI and regulatory context
 - Fan rating
 - Novel fan applications
 - Target timing: likely Winter 2027, unless accelerated

Action Items

- Rich to contact potential volunteers (including Christian Taber)
- Chair to post program tracking document to Basecamp
- Volunteers to be identified prior to the Las Vegas meeting

b. Research (**Devendra Kulkarni**)

RP 1835 – Characterizing the Performance of Induced Flow Stacks

- Drone-based air concentration measurements were delayed due to weather and equipment availability
- Testing expected to resume when weather improves
- Open stacks completed, induced flow systems in queue for testing

Research Topic Acceptance Request (RTARs)

- CFD for System Installation Effects
 - Draft RTR updated (executive summary, literature review, objectives)
 - Volunteers requested for review and refinement.
 - Target submission: May 15 deadline .
 - Volunteers:
 - Joe Fiegen
 - Armin Hauer
 - Mark VanderKooy (review support)
 - CFD Performance Prediction (External Reference)
 - Related work underway in ISO TC 117 (technical specification, not full standard)
 - Potential for future alignment or information sharing
- Ceiling Fan Horizontal Air Movement & Efficiency
 - Kevin Gebke leading
 - Devendra to follow up with Kevin
- Experimental Validation of Design Wind Pressures for Rooftop Mounted Fans
 - Draft RTR started
 - Volunteers:
 - Mark VanderKooy
 - Daniel Hernandez

- Robert Simmons (TC 2.7)
 - Working group meeting planned before Las Vegas.
- AI for Fan Control Optimization
 - Concept only; no draft yet
 - Volunteers requested
- New RTAR (TC 6.1 & TC 11.1) Topic: Replacing trimming/belt connections with VFD motor speed control
 - Draft received from Dr. Gang Wang
 - TC 5.1 invited to review and support
 - Devendra Kulkarni volunteered to review
- Research Liaison
 - Doug Scott serves as the section 5 research liaison
- c. Publication / External Coordination
 - TC 2.6 Publication Project: Application of Manufacturer Sound Data & Practical Guides for Noise and Vibration Control
 - TC 5.1 cannot co-sponsor (already out for bid) but can review content
 - Volunteers:
 - Mark VanderKooy
 - Rishi Gosavi
 - Andrew Kacmar
 - Chair to coordinate meeting with Steve Wise prior to Las Vegas
- d. Handbook (**Z. Patrick Chinoda**)
 - Progress update on ASHRAE Handbook 2028
 - General editorial review underway
 - Harmonization of fan terminology with ASHRAE terminology portal (TC 1.6 / 2.1)
 - Upcoming content development:
 - Fan labeling and selection
 - Incorporation of fan efficiency and system-effect research
 - Potential inclusion of fan leakage content (TBD).
 - Goal: Draft ready for TC review by Winter 2027
- e. Standards Subcommittee (**Nathan Fetting**)
 - No major updates
 - AMCA 280 nearing publication (pending ANSI approval)
 - Standards-of-interest document maintained on Basecamp
- f. Website Update (Devendra)
 - Research section updated with ongoing projects and RTAR summaries
 - Winter Conference meeting information posted
 - Agenda to be posted once finalized
 - Members encouraged to submit feedback or improvement suggestions
- h. Old Business
- i. New Business
- j. Future Meetings

The TC 5.1 main meeting will be held on Monday, 2/2/2026, from 4:30 PM – 6:30 PM PST in Caesars Palace, Anzio (P). Format-Hybrid

- k. Adjourn 3:58