

US Consumer Product Safety Commission Log of Meeting

Subject: ASHRAE 15 Working Group on Flammable Refrigerants harmonization across multiple standards

Date: October 21, 2020

Location: Teleconference

Prepared By: Chen-hsiang Su (csu@cpsc.gov, 301-987-2529), October 21, 2020

CPSC Attendees: Scott Ayers, Kim Yeon, and Chen-hsiang Su

Non-CPSC Attendees: Contact ASHRAE for a list of attendees

Summary of Meeting:

This working group has been established to recommend possible changes to harmonize requirements and remove inconsistencies between ASHRAE 15, ASHRAE 15.2P, and UL/CSA 60335-2-40. While no voting will occur in this meeting, the group will look for general agreement from all participants.

During the meeting, the ventilation subgroup first reported out on their progress. Meeting participants provided feedback to the ventilation subgroup. Suggestion was made to consider surface temperature under “miscellaneous items.”

A group member shared the results of several CFD simulation scenarios on refrigerant leak near a window well. After some discussions, an installation subgroup was formed to address the installation restriction issues. Another miscellaneous subgroup was formed to address miscellaneous items including the surface temperatures, and the labeling/marketing of installation instructions.

The meeting then moved to open discussions on the charge quantities. The group decided to postpone the topic until a later date to wait for feedback from other working groups.

The working group will next meet on Wednesday November 11, 2020.