

ASHRAE Standards & Guidelines

ASHRAE Standards & Guidelines are available for purchase in their [ASHRAE online bookstore](#). There are 29 Standards and 2 Guidelines that are related to refrigeration from 120 Standards and 22 Guidelines published by ASHRAE. Listed below are the Standards and Guidelines that have refrigeration related cognizant/co-cognizant committees:[1]

1. [Standard 15](#) – Safety Standard for Refrigeration Systems (TC 10.1)
2. [Standard 20](#) – Methods of Testing for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers (TC 8.4)
3. [Standard 22](#) – Methods of Testing for Rating Water-Cooled Refrigerant Condensers (TC 8.5)
4. [Standard 23.1](#) – Methods of Testing for Performance Rating Positive Displacement Refrigerant Compressors and Condensing Units That Operate at Subcritical Temperatures of the Refrigerant (TC 8.1)
5. [Standard 24](#) – Methods of Testing for Rating Liquid Coolers (TC 8.5)
6. [Standard 25](#) – Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration (TC 8.4)
7. [Standard 26](#) – Mechanical Refrigeration and Air Conditioning Installations Aboard Ship (TC 10.6)
8. [Standard 30](#) – Methods of Testing Liquid Chilling Packages (TC 8.2, 8.5 Co-C)
9. [Standard 33](#) – Methods of Testing Forced Circulation Air Cooling and Air Heating Coils (TC 8.4)
10. [Standard 34](#) – Designation and Safety Classification of Refrigerants (TC 3.1)
11. [Standard 35](#) – Method of Testing Desiccants for Refrigerant Drying (TC 3.3)
12. [Standard 40](#) – Methods of Testing for Rating Heat Operated Unitary Air-Conditioning and Heat-Pump Equipment (TC 8.3)
13. [Standard 41.1](#) – Standard Method for Temperature Measurement (TC 8.1 Co-C)
14. [Standard 41.2](#) – Standard Methods for Laboratory Air-Flow Measurement (TC 8.1 Co-C)
15. [Standard 41.3](#) – Standard Methods for Pressure Measurement (TC 8.1 Co-C)
16. [Standard 41.4](#) – Method for Measurement of Proportion of Lubricant in Liquid Refrigerant (TC 8.1 Co-C)
17. [Standard 41.6](#) – Standard Method for Measurement of Moist Air Properties (TC 8.1 Co-C)
18. [Standard 41.7](#) – Method of Test for Measurement of Flow of Gas (TC 8.1 Co-C)
19. [Standard 41.8](#) – Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters (TC 8.1 Co-C)
20. [Standard 41.9](#) – Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants (TC 8.1 Co-C)

21. [Standard 41.10](#) – Standard Methods for Volatile Refrigerant Mass Flow Measurement Using Flowmeters (TC 8.1 Co-C)
22. [Standard 41.11](#) – Standard Methods for Power Measurement (TC 8.1 Co-C)
23. [Standard 63.1](#) – Method of Testing Liquid-Line Refrigerant Driers (TC 3.3)
24. [Standard 63.2](#) – Method of Testing Liquid-Line Filter-Drier Filtration Capability (TC 3.3)
25. [Standard 78](#) – Method of Testing Flow Capacity of Suction Line Filters and Filter-Driers (TC 3.3)
26. [Standard 97](#) – Sealed Glass Tube Method to Test the Chemical Stability of Materials for Use Within Refrigerant Systems (TC 3.2)
27. [Standard 147](#) – Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems
28. [Standard 173](#) – Method of Test to Determine the Performance of Halocarbon Refrigerant Leak Detectors” to the list of standards.
29. [Standard 182](#) – Method of Testing Absorption Water-Chilling and Water-Heating Package (TC 8.3)
30. [Guideline 06](#) – Refrigerant Information Recommended for Product Development and Standards (TC 3.1)
31. [Guideline 22](#) – Instrumentation for Monitoring Central Chilled Water Plant Efficiency (TC 8.2 Co-C)

- ◇ ASHRAE
 - ASHRAE Standard 15
 - ASHRAE Standard 34
- ◇ ISO
 - ISO 5149
 - ISO 817
- ◇ Refrigerant Standard

Sources:

- ASHRAE website (www.ashrae.org/contact-us)
- [1] “ASHRAE Standards – Current Refrigeration-Related Standards And Guidelines” (ASHRAE website) (www.ashrae.org/society-groups/committees/cebccda7-7b5b-4258-986f-b7a1a5a2febd)