

ASHRAE Technical FAQ

ID 84

Question Where can I find information on new refrigerants?

[ASHRAE Standard 34-2016](#) plus [ASHRAE BOD approved addenda](#) establishes a simple means of referring to common refrigerants instead of using the chemical name, formula, or trade name. It also establishes a uniform system for assigning reference numbers and safety classifications to refrigerants. The standard identifies requirements to apply for designations and safety classifications for refrigerants, including blends, in addenda or revisions to the standard.

Long Answer

The [2017 ASHRAE Handbook - Fundamentals](#) also has two chapters devoted to refrigerants. Chapter [F29](#) provides a general discussion of the different refrigerants, and Chapter [F30](#) provides pressure-enthalpy diagrams and summary tables of the thermodynamic and transport properties of refrigerants.

The standard may be purchased and downloaded on-line at our website, www.ashrae.org or by calling 1-800-527-4723 in the USA and Canada or 1-404-636-8400 worldwide.

ASHRAE Pubs

[ASHRAE Standard 34-2016](#), "Designation and Safety Classification of Refrigerants", plus [ASHRAE BOD approved addenda](#).

[2017 ASHRAE Handbook - Fundamentals](#), Chapter [F29](#) & [F30](#)

Topic References refrigerants

	Cognizant ASHRAE Committees	Refer to Organization
1	TC 3.1	
2	SSPC 34	
3		
4		
5		