

## Refrigerants

Number <sup>a</sup>	Chemical Name <sup>a</sup>	Safety Group <sup>a</sup>	Global Warming Potential (GWP100 <sup>b</sup> )	Normal Boiling Point, °F (°C) <sup>a</sup>
<b>Unsaturated Organic Compounds</b>				
1130(E)	trans-1,2-dichloroethene	B1	N/A <sup>c</sup>	117.9 (47.7)
1233zd(E)	trans-1-chloro-3,3,3-trifluoro-1-propene	A1	N/A <sup>c</sup>	64.6 (18.1)
1234ze(E)	trans-1,3,3,3-tetrafluoro-1-propene	A2L	6	-2.2 (-19.0)
1336mzz(Z)	cis-1,1,1,4,4,4-hexafluoro-2-butene	A1	N/A <sup>c</sup>	91.4 (33.4)

## Refrigerant blends

Number <sup>a</sup>	Chemical Name <sup>a</sup>	Safety Group <sup>a</sup>	Global Warming Potential (GWP100 <sup>b</sup> )	Normal Boiling Point, °F (°C) <sup>a</sup>
<b>Azetropes</b>				
511A	R-290/E170 (95.0/5.0)	A3	19	-43.7 (-42.1)
512A	R-134a/152a (5.0/95.0)	A2	190	-11.2 (-24.0)
513A	R-1234yf/134a (56.0/44.0)	A1	N/A <sup>c</sup>	-20.6 (-29.2)
513B	R-1234yf/134a (58.5/41.5)	A1	N/A <sup>c</sup>	-20.6 (-29.2)
514A	R-1336mzz(Z)/1130(E) (74.7/25.3)	B1	N/A <sup>c</sup>	84.2 (29.0)
515A	R-1234ze(E)/227ea (88.0/12.0)	A1	N/A <sup>c</sup>	-2.0 (-18.9)