Commercial Air Conditioners and Heat Pumps*



Applications	Short term (now-2028)	Long term (now-2035)
Packaged Rooftop Units	R410A R32 R452B R454B	R32 R454B
Scroll Chillers	R410A R32 R452B R250	R515B R32 R454B R1234yr R290
Centrifugal & Screw Chillers	R515B R1233zd R1336 R134a mzz (Z) R513A R1234ze R514A	R515B R1233zd R1336 mzz (2) R1234ze R514A









Commercial and Industrial Refrigeration*



Applications	Short term (now-2028)	Long term (now-2035)
Centralized compressor racks and packaged systems	R134a R513A R744 R407A R407F R448A R449A	R455A R454A
Condensing Units	R134a R513A R744 R452A R448A R290	R1234yf R744 R455A R454A R290
Self-contained systems	R134a R513A R600a R290	R1234yf R600A R455A R454A R250
Industrial	R744 R717	R744 R717





