

TABLE 1: Refrigerant Blends for Commercial Use			
	Best R-22 Retrofit Application	Performance Advantage/ Issue	Retrofit Advantage/ Issue
R-407A	Low/medium temperature refrigeration	Closer capacity match GWP: 2110	No valve changes; no excess pressure drop; partial POE
R-407C	AC/medium temperature refrigeration	Closer capacity match GWP: 1770	No valve changes; no excel pressure drop; partial POE
R-422B	AC/medium temperature refrigeration	Some drop in capacity GWP: 2525	Possible component changes based on pressure drop; possible POE if oil problem occurs
R-422D	Low/medium temperature refrigeration	Some drop in capacity GWP: 2730	Possible component changes based on pressure drop; possible POE if oil problem occurs
R-427A	Low/medium temperature refrigeration	Closer capacity match GWP: 2140	Not evaluated for pressure drop or component changes; partial POE
R-438A	Low/medium temperature refrigeration	Slight drop in capacity GWP: 2265	Not evaluated for pressure drop or component changes; possible POE if oil problem occurs
R-404A	Low/medium temperature refrigeration	Equal/higher capacity GWP: 3920	Valve changes; partial POE

Source: "Quick Selection Guide; R-22 Service and Retrofit Alternatives," National Refrigerants, Inc., Philadelphia, PA; 800-262-0012; www.refrigerants.com