

Quick Select Guide

Application	Nominal Capacity		Valve Family	Adjustable Superheat	Internal Check	Style			Connections		Configuration		Port		
	R-22	R-410A				Hermetic	Replaceable Power Element	Field Serviceable	SAE	ODF	Angle	Straight	Conventional	Balanced	
Air Conditioning and Refrigeration	1/4 to 5	1 ¼ to 5	AA	X		X				X		X	X		
	1/4 to 5	1 ¼ to 5	AN			X				X	X	X	X		
	1/4 to 5	1 ¼ to 5	AAC	X	X	X				X		X	X		
	1/4 to 5	1 ¼ to 5	ANC		X	X				X	X	X	X		
	1/4 to 5		AFA	X		X			X	X			X		
	1/2 to 6	½ to 7 ½	BA	X		X				X		X		X	
	1/2 to 6	½ to 7 ½	BN			X				X	X	X	X	X	
		½ to 15	NXT	X	X	X				X	X	X	X		X
	1/4 to 5 1/2		HFK	X			X	X	X	X	X	X	X		X
	1/4 to 5 1/2		HF	X			X			X	X	X	X		X
	8 to 20		HF EXT	X			X			X	X	X			X
	1/3 to 5		TI	X				X		X		X		X	
	8 to 20	12 to 20	TF	X			X			X		X			X
	1/2 to 12		TL					X	X	X	X	X	X		
	1/2 to 12		TCL	X				X	X	X	X	X	X		
	11 and 14		TJL	X				X		X	X	X	X		
	14 and 18		TJR	X				X		X	X	X			X
	22 to 45		TER	X				X		X	X	X			X
	55		TIR	X				X		X	X	X			X
	70 and 85		THR	X				X		X	X	X			X
100		TMR	X				X	X	X	X	X			X	
10 to 40		TRAE+	X				X		X		X			X	
50 to 70		TRAE	X			X			X		X			X	
Constant Pressure	1/2 to 5		ACP			X				X		X	X		
Ultra-Low Temp	3/4 to 8		ZZ	X				X	X	X	X	X	X		
De-Superheating			LA	X		X				X		X	X		
			LCL	X				X	X	X	X	X	X		

Charge Code Selector

Applications	Operating Ranges										
R-134a/R-12 Domestic Refrigerators and Freezers, Ice Makers, Dehumidifiers, Transport Refrigeration, Medium Temperature Supermarket Equipment, Medium Temperature Commercial Equipment	MC/FC										
	MZ/FZ										
	MW35/FW35 (MOP)										
	MW55										
R-22 Residential Air Conditioners & Heat Pumps, Commercial and Industrial Chillers, Medium Temperature Supermarket Equipment, Commercial Air Handlers	HCA/HAA AIR COND. & HEAT PUMP										
	HW/HW100										
	HC										
	HW65 (MOP)										
	HZ										
R-404A/R-507/R-502 Low Temperature Cases, Ice Makers, Commercial Air Handlers, Conditioners, Soft Ice Cream Machines, Environmental Chambers	SC/RC										
	SZ/RZ										
	SW45/RW45 (MOP)										
R-410A	ZW195										

-50 -40 -30 -20 -10 0 +10 +20 +30 +40 +50