

# Key to Compressor Type Designation

1	2					3					4		5		6	7		
Compressor design	Protector location					Optimization level					Compressor size		Application range	Refrigerant	Code letter for starting characteristics	Generation		
	Internal		External			Standard => High					Capacity at rating point	Displacement						
	PTC <i>LST</i>	Relay <i>HST</i>	PTC	Relay	Variable speed													
<b>P</b>						Blank	<b>E<sup>a)</sup></b>	Always semi-direct intake				20 30 35 50		C = LBP CL = LBP CM = LBP CN = LBP D = HBP DL = HBP	R22 R404A/R507 R22 R290 R22 R404A/507	Blank => universal (principal rule)	Blank => first generation	
<b>T</b>	L						<b>S</b>					2.5, 3, 4 4.5, 4.8, 5 5.7, 6, 6.5 7, 7.5, 8 8.7, 9, 10		F = LBP/(MBP) FT = LBP <i>tropical</i> G = LBP/MBP/HBP	R134a R134a R134a			.2 => second generation
<b>D</b>			T				<b>E<sup>b)</sup></b>	Semi-direct or direct intake	<b>Y<sup>a)</sup>b)</b>	<b>X<sup>a)</sup></b>		4, 4.8 5.7, 6.5 7.5, 8.7 9.4, 10		GH = Heat pumps GHH = Heat pumps <i>optimized</i> K = LBP/(MBP)	R134a R134a R600a			
<b>N</b>				F							<b>U<sup>a)</sup></b>	5.2, 5.5 5.7, 6, 6.1 7, 7.3, 8.0 8.4, 8.8, 9 10, 11 13, 15		KT = LBP/(MBP) <i>tropical</i> MF = MBP MK = MBP	R134a R134a R600a			
<b>F</b>	R										6 7.5 8.5 10 11		ML = MBP MN = MBP S = LBP/HBP ( <i>service</i> )	R600a R134a R600a	X = HST characteristics (expansion valve)			
<b>S</b>	C		C	LV			<b>E</b>				10 12 15 18 21		ST = LBP <i>tropical (service)</i>	R404A/R507 R290 R426A R401A/R401B R409A/R409B				.4 => fourth generation
<b>G</b>	Power supply											18 21 26 34						
	1 phase		3 phase															
	<b>S</b>		<b>T</b>															

Blank = Standard

- E = Energy-optimized
- S = Semi-direct intake
- Y = High energy-optimized
- X = High energy-optimized
- U = High energy-optimized

- a) = Run capacitor compulsory
- b) = Run capacitor optional