

Key to AC-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 LST	Relay HST	PTC	Relay	Variable speed														
P	L					Blank	E^{a)}	Always semi-direct intake				20 30 35 50		C = LBP	R22	Blank → first generation			
T							S							2.5, 3, 4 4.5, 4.8, 5 5.7, 6, 6.5 7, 7.5, 8 8.7, 9, 10	CL = LBP		R404A/R507		
D			T		LV		E^{b)}	Semi-direct or direct intake	Y^{a)b)}	X^{a)}				4, 4.8 5.7, 6.5 7.5, 8.7 9.4, 10	CM = LBP		R22	Blank → universal (principal rule)	
N				F							U^{a)}			5.2, 5.5 5.7, 6, 6.1 7, 7.3, 8.0 8.4, 8.8, 9 10, 11 13, 15	CN = LBP		R290		.2 → second generation
F		R												6 7.5 8.5 10 11	DL = HBP		R404A/R507 (R407C)	K = LST characteristics (capillary tube)	
S		C		C	LV		E							10 12 15 18 21	FT = LBP tropical		R134a		X = HST characteristics (expansion valve)
G		Power supply						Always semi-direct intake						18 21 26 34	G = LBP/MBP/HBP		R134a	.3 → third generation	
		1 phase		3 phase													GH = Heat pumps		R134a
	S	T										GHH = Heat pumps optimized	R134a	.4 → fourth generation					
												K = LBP/(MBP)	R600a						
												KT = LBP/(MBP) tropical	R600a						
												MF = MBP	R134a						
												MK = MBP	R600a						
												ML = MBP	R404A/R507						
												MN = MBP	R290						
												S = LBP/HBP (service)	R426A R401A/R401B R409A/R409B						
												ST = LBP tropical (service)	R426A R401A/R401B R409A/R409B						

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

Key to DC-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														
	PTC LST	Relay HST	PTC	Relay	Variable speed	Standard → High					Capacity at rating point	Displacement					
BD P/T-Housing						Blank						35 50 150 250 350		CN = LBP CL = LBP F = LBP/(MBP) GH = HBP K = LBP/(MBP)	R290 R404A/507 R134a R134a R600a	Blank → universal (principal rule)	Blank → first generation
BD Micro												1.4					