

Key to Alternative Current-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						
P	L					Blank	E ^{a)}	Always semi-direct intake				20 30 35 50		C = LBP CL = LBP CM = LBP	R22 R404A/R507 R22	Blank > universal (principal rule)	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	CN = LBP D = HBP DL = HBP	R290 R22 R404A/R507 (R407C)			
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	F = LBP/(MBP) FT = LBP tropical G = LBP/MBP/HBP			R134a R134a R134a
N							F						5.2, 5.5 5.7, 6, 6.1 7, 7.3, 8.0 8.4, 8.8, 9 10, 11 13, 15	GH = Heat pumps GHH = Heat pumps optimized K = LBP/(MBP)	R134a R134a R600a			
F			R											6 7.5 8.5 10 11	KT = LBP/(MBP) tropical MF = MBP MK = MBP			R600a R134a R600a
S	C			C	LV			E					10 12 15 18 21	ML = MBP MN = MBP S = LBP/HBP (service)	R404A/R507 R290 R426A R401A/R401B R409A/R409B	X = HST characteristics (expansion valve)	.4 > fourth generation	
G	Power supply							Always semi-direct intake					18 21 26 34	ST = LBP tropical (service)	R426A R401A/R401B R409A/R409B			
	1 phase		3 phase															
	S		T															

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

Danfoss A/S • Nordborgvej 81 . 6430 Nordborg . Denmark
Tel: +45 7488 2222 • www.compressors.danfoss.com

Key to Direct Current-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/R507 R134a R134a R600a	Blank > universal (principal rule)	Blank > first generation
BD Micro												1.4					

Products corresponding to these designations are manufactured by Secop, formerly Danfoss Household Compressors. They are available through Danfoss sales network.