

Nomenclature

Danfoss Scroll compressor model numbers have significance as indicated below:

	Type	Size	Motor	Features
	HRH	036	U1L	P6

Application
H: high temperature air conditioning

Family
C: light commercial scroll
R: residential scroll (new platform)
L: light commercial scroll (new platform)

Refrigerant and lubricant
M: R-22, alkylbenzene oil
P: R-407C, PVE lubricant
H: R-410A, PVE lubricant
J: R-410A, PVE lubricant

Nominal capacity
 In thousands of Btu/h @ 60Hz, ARI conditions

Model variation
T: design optimized for 45/130°F
U: design optimized for 45/100°F

Other features

	Oil sight glass	Oil equalization	Oil drain	LP gauge port	Gas equalization port
6	None	None	None	None	None
7	Threaded	None	None	None	None
8	None	Brazed	None	None	Brazed

Tubing and electrical connections
P: brazed connections, spade terminals
C: brazed connections, screw terminals

Motor protection
L: internal motor protection

Motor voltage code
1: 208-230V/1~/60Hz
2: 200-220V/3~/50Hz & 208-230V/3~/60Hz
4: 380-400 V/3~/50Hz and 460V/3~/60Hz
5: 220-240V/1~/50Hz
7: 500V/3~/50Hz and 575 V/3~/60Hz
9: 380V/3~/60Hz

Voltage

Voltage Codes	Copeland	Danfoss
208-230V/1~/60Hz	PFV	1
208-230V/3~/60Hz	TFC or TF5	2
380V/3~/60Hz & 460V/3~/60Hz	TFD	4



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