



Technical data and ordering

H Series - Residential and Light Commercial Scroll Compressors (R-22/R-407C)

Refrigerant		Motor Voltage	Tons (approx.)	Competitor Model No.	Solder ODF connection (in.)	Weight (lbs.)	OLD Danfoss Model	NEW Danfoss Model	
							Danfoss Model No.	Danfoss Model No.	Danfoss Code No.
R-22	R-407C	1: 200–230V/1/60Hz	2	ZR25K-PFV	¾ × ½	73	HRM025T1LP6	HRP025T1LP6	120U3307 ¹
			2 ½	ZR28K*-PFV ZR32K*-PFV	¾ × ½	75	HRM032U1LP6	HRM032U1LP6A	120U3308 ¹
			3	ZR34K*-PFV ZR36K*-PFV	¾ × ½	75	HRM038U1LP6	HRM038U1LP6A	120U3309 ¹
			3 ½	ZR40K*-PFV ZR42K*-PFV	¾ × ½	75	HRM040U1LP6 HRM042U1LP6	HRP042T1LP6	120U3310 ¹
			4	ZR47K*-PFV	⅞ × ½	77	HRM047U1LP6	HRM047U1LP6A	120U3311 ¹
			4 ½	ZR54K*-TF5	⅞ × ½	97	HRM054U1LP6	HRM054U1LP6A	120U3312 ¹
			5	ZR57K*-PFV ZR61K*-PFV	⅞ × ½	97	HRM060U1LP6	HRP060T1LP6	120U3313 ¹
		2: 200–220V/3/50Hz & 208–230V/3/60Hz	3 ½	ZR42K*-TF5	¾ × ½	75	HRM042U2LP6	HRM042U2LP6A	120U3314 ¹
			4	ZR47K*-TF5	⅞ × ½	71	HRM047U2LP6	HRP047T2LP6	120U3315 ¹
			4 ½	ZR54K*-TF5	⅞ × ½	93	HRM054U2LP6	HRM054U2LP6A	120U3316 ¹
			5	ZR57K*-TF5 ZR61K*-TF5	⅞ × ½	93	HRM060U2LP6	HRP060T2LP6	120U3317 ¹
			5 ½		⅞ × ½	85		HLM068T2LC6A	120U3276
			6	ZR72K*-TF5	⅞ × ½	95	HLM072T2LC6 HLM075T2LC6	HLP075T2LC6	120U3098
			7	ZR81KC-TF5	⅞ × ¾	91	HLM081T2LC6	HLP081T2LC6	120U1916
			8	ZR94KC-TF5	1 ⅛ × ⅞	108	HCM094T2LC6	HCP094T2LC6	120U0906
			10	ZR125KC-TF5 ZR12M3*-TWC	1 ⅛ × ⅞	106	HCM120T2LC6	HCP120T2LC6	120U0766
		4: 380–415V/3/50Hz & 460V/3/60Hz	4	ZR47K*-TFD	⅞ × ½	82	HRM047U4LP6	HRP047T4LP6	120U3318 ²
			4 ½	ZR54K*-TFD	⅞ × ½	89	HRM054U4LP6	HRP054T4LP6	120U3319 ²
			5	ZR57K*-TFD ZR61K*-TFD	⅞ × ½	88	HRM058U4LP6 HRM060U4LP6	HRP060T4LP6	120U3320 ²
			5 ½		⅞ × ½	86		HLP068T4LC6	120U2014
			6	ZR72K*-TFD	⅞ × ½	58	HLM072T4LC6 HLM075T4LC6	HLP075T4LC6	120U1766
			7	ZR81KC-TFD	⅞ × ¾	94	HLM078T4LC6 HLM081T4LC6	HLP081T4LC6	120U1781
			8	ZR94KC-TFD	1 ⅛ × ⅞	101	HCM094T4LC6	HCP094T4LC6	120U0601
			9	ZR108KC-TFD ZR11M3-TWD	1 ⅛ × ⅞	108	HCM109T4LC6	HCP109T4LC6	120U0376
			10	ZR12M3-TWD	1 ⅛ × ⅞	109	HCM120T4LC6	HCP120T4LC6	120U0401

¹ Compressor comes kitted with wire harness (Danfoss Code No. 120Z5056)

² Compressor comes kitted with wire harness (Danfoss Code No. 120Z5057)

Additional models may be available upon request.

Full range of models (refrigerants, tons, and voltage codes) available. Check Coolselector or visit our Online Datasheet Generator at www.danfoss.com/odsg.

Capacitor values and relays for 1 phase compressors are available on pages 62.