



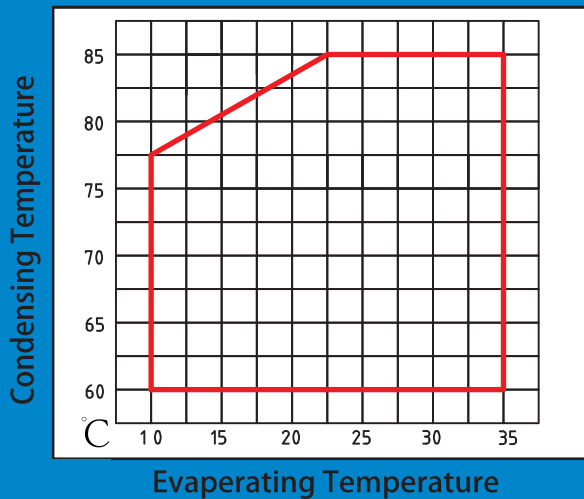
RC2-G Series Screw Compressor

High efficiency of R134a
and R245fa in heat pump application

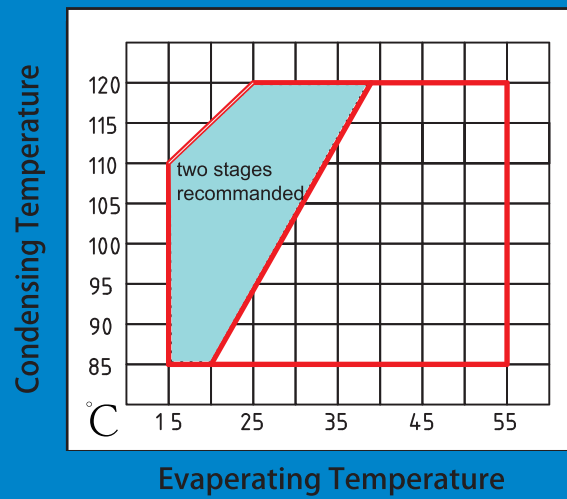


- High condensing temperature in R134a and R245fa
RC2-G SCT 85°C & RC2-T SCT 120°C
- High-efficiency motor and screw rotor profile
- Wide Vi selection from 2.2 to 3.5
- Total motor protection
- Long-life bearings installed

R134a Application Limits



R245fa Application Limits



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Technical Data RC2-G

For R134a

MODEL	COMPRESSOR					MOTOR						WEIGHT
	Displacement 60 / 50Hz m ³ /hr	Rated Speed 60 / 50Hz	VI	Cap. Control (%)		Type	Starting	Voltage (V)		Insulation	Protection	
				STEP	STEPLESS			60Hz	50Hz			kg
RC2-100G	98	2950	2.2	33, 66, 100	33~100	3 Phase, 2 Pole, Squirrel Cage, Induction Motor	Y-△	208	380 400 415	Class F	PTC PT100 Protection	285
RC2-230G	230			25, 50, 75, 100	25~100			220				577
RC2-260G	257			25, 50, 75, 100	25~100			230				592
RC2-410G	407			25, 50, 75, 100	25~100			380				779
RC2-470G	471			25, 50, 75, 100	25~100			440				849
RC2-710G	713			25, 50, 75, 100	25~100			460				1168
RC2-790G	791			25, 50, 75, 100	25~100			480				1199
								575				

For R245fa

MODEL	COMPRESSOR					MOTOR						WEIGHT
	Displacement 60 / 50Hz m ³ /hr	Rated Speed 60 / 50Hz	VI	Cap. Control (%)		Type	Starting	Voltage (V)		Insulation	Protection	
				STEP	STEPLESS			60Hz	50Hz			kg
RC2-100T	98	2950	2.2	33, 66, 100	33~100	3 Phase, 2 Pole, Squirrel Cage, Induction Motor	Y-△	208 220 230 380 440 460 480 575	380 400 415	Class F	PTC Protection	275
RC2-140T	137			33, 66, 100	33~100							280
RC2-180T	180			33, 66, 100	33~100							300
RC2-200T	193			25, 50, 75, 100	25~100							420
RC2-230T	230			25, 50, 75, 100	25~100							540
RC2-260T	257			25, 50, 75, 100	25~100							545
RC2-300T	293			25, 50, 75, 100	25~100							590
RC2-310T	308			25, 50, 75, 100	25~100							575
RC2-340T	339			25, 50, 75, 100	25~100							600
RC2-370T	366			25, 50, 75, 100	25~100							610
RC2-410T	407			25, 50, 75, 100	25~100			730				
RC2-470T	471			25, 50, 75, 100	25~100			800				
RC2-510T	508			25, 50, 75, 100	25~100			760				
RC2-550T	549			25, 50, 75, 100	25~100			820				
RC2-580T	583			25, 50, 75, 100	25~100			805				
RC2-620T	619			25, 50, 75, 100	25~100			850				
RC2-710T	713			25, 50, 75, 100	25~100			1099				
RC2-790T	791			25, 50, 75, 100	25~100			1140				
RC2-830T	825			25, 50, 75, 100	25~100			1150				
RC2-930T	929			25, 50, 75, 100	25~100			1180				