

Model name		180-415V 3N50Hz	RCDF252FR1	RCDF335FR1	RCDF406FR1	RCDF456FR1	RCDF506FR1	RCDF566FR1	RCDF615FR1	RCDF676FR1	RCDF736FR1	RCDF856FR1	RCDF906FR1	
<b>Performance data</b>														
Cooling	Capacity	kW	23.2	28	33.5	40	45	56	66	81.5	87	107	120	
	kW	23.2	28	33.5	40	45	56	66	81.5	87	107	120		
	BTU/h	80000	95000	115000	135000	155000	190000	225000	280000	300000	365000	415000	420000	
	Rated current	A	11.3	13.5	16.1	19.1	21.6	26.5	30.5	37.5	40	48.5	55	
	Power input	kW	5.31	6.22	7.35	8.74	9.83	12.17	13.77	16.73	17.8	21.6	24.7	
Heating	Capacity	kW	15.4	18.5	21.6	25.8	28.9	35.2	40.5	49.5	53	64.5	72	
	kW	15.4	18.5	21.6	25.8	28.9	35.2	40.5	49.5	53	64.5	72		
	BTU/h	52500	63500	73500	88500	98500	120000	137500	168000	168000	217500	245000		
	Rated current	A	7.5	9	10.5	12.5	14	17.5	20	24.5	26.5	32.5	36.5	
	Power input	kW	4.39	5.09	5.85	6.94	7.65	9.47	10.75	13.15	14.25	17.45	19.65	
Max. input conditions	COEF	W/W	2.8	3.3	3.8	4.6	5.1	6.3	7.1	8.6	9.1	11.1	12.5	
	SCOP		4.11	4.11	4.12	4.10	4.10	4.09	4.10	4.09	4.09	4.09	4.09	
	Max. current	A	23.13	27.4	31.7	37.4	41.1	50.5	57.4	70.5	75.5	91.5	103.5	
	Max. power	kW	23.13	27.4	31.7	37.4	41.1	50.5	57.4	70.5	75.5	91.5	103.5	
	Max. power	kW	23.13	27.4	31.7	37.4	41.1	50.5	57.4	70.5	75.5	91.5	103.5	
<b>Compressor data</b>														
DC Inverter compressor	Compressor		Small Compressor											
	Capacity	kg	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
	Rated current	A	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
	Rated power	W	15	15	15	15	15	15	15	15	15	15	15	
	Rated voltage	V	230	230	230	230	230	230	230	230	230	230	230	
Compressor oil	Oil type		RCDF252FR1	RCDF335FR1	RCDF406FR1	RCDF456FR1	RCDF506FR1	RCDF566FR1	RCDF615FR1	RCDF676FR1	RCDF736FR1	RCDF856FR1	RCDF906FR1	
	Capacity	ml	1100 per compressor											
	Oil level	ml	500 per compressor											
	Oil type		RCDF252FR1	RCDF335FR1	RCDF406FR1	RCDF456FR1	RCDF506FR1	RCDF566FR1	RCDF615FR1	RCDF676FR1	RCDF736FR1	RCDF856FR1	RCDF906FR1	
	Capacity	ml	1100 per compressor											
Fan motor	Type		DC											
	Quantity		1	1	1	1	1	1	1	1	1	1	1	
	Rated current	A	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	
	Rated power	W	30	30	30	30	30	30	30	30	30	30	30	
	Rated voltage	V	230	230	230	230	230	230	230	230	230	230	230	
Fan blade	Type		ABS											
	Material		ABS											
	Color		Black											
	Quantity		2	2	2	2	2	2	2	2	2	2	2	
	Material		ABS											
Physical data	Weight	kg	11.0	13.0	15.0	18.0	20.0	24.0	28.0	34.0	36.0	44.0	50.0	
	Dimensions (WxDxH)	mm	1800x700x250											
	Installation		Indoor											
	Material		Hydrophilic Aluminum											
	Coating		Hydrophilic Aluminum											
Piping & wiring data	Refrigerant		R410A											
	Refrigerant		R410A											
	Refrigerant		R410A											
	Refrigerant		R410A											
	Refrigerant		R410A											
Connection wire	Power wire size	mm <sup>2</sup>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Power wire size	mm <sup>2</sup>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Power wire size	mm <sup>2</sup>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Power wire size	mm <sup>2</sup>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Power wire size	mm <sup>2</sup>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Operation temperature	Cooling	°C	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	
	Heating	°C	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	
	Cooling	°C	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	
	Heating	°C	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	
	Heating	°C	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	5-55	

- Cooling operating temperature range is from -5°C to 55°C (It can be customized down to -10°C). Heating operating temperature range is from -30°C to 30°C.
- The cooling conditions: indoor side 27°C(80°F) DB, 19°C(66°F)WB outdoor side 35°C(95°F) DB.
- The heating conditions: indoor side 20°C(68°F) DB, 15°C(44°F)WB outdoor side 7°C(42.8°F)DB.
- Sound level: measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- The above data may be changed without notice for future improvement on quality and performance.