

RFC Type Dehumidifier Unit-1

Unit model	RCF	5	10	15	20	25	30	40	50	
Dehumidification qty	kg/h	5	10	15.6	20.8	25	31	41	49	
Cooling capacity	kW	8.5	16.9	26.4	35.2	42.3	52.4	69.3	82.8	
Input power	kW	2.2	3.9	6.3	9.0	10.6	12.5	17.3	20.7	
Power	3N-380V-50HZ									
Refrigerant	R407C/R22									
Compressor type	Hermetic scroll									
Indoor unit	Air flow	m ³ /h	1500	3000	4000	6000	7000	9000	11000	13000
	ESP	Pa	50	50*/230	50*/230	50*/230	50*/230	50*/230	300	350
	Input power	kW	0.25	0.4*/0.7	0.7*/1.5	0.8*/1.5	1.3*/2.2	1.3*/3	3	4
Unit Dimension	L	mm	700	900	1300	1300	1700	1700	1900	1900
	W	mm	600	600	700	700	700	800	850	900
	H	mm	1900	950*/165	150*/185	250*/195	250*/195	250*/195	2250	2250
Unit weight	kg	110	190	280	370	440	630	720	870	
Remarks	1. Standard working condition DB 27°C, WB21.1°C									
	2. *mens front air supply unit with louver									

RFC Type Dehumidifier Unit-2

Unit model	RCF	65	85	100	130	150	165	200	
Dehumidification qty	kg/h	64	83.5	102	130	149	165	204	
Cooling capacity	kW	50*/230	141.1	172.4	221.0	256.3	283.8	344.8	
Input power	kW	27.0	35.3	43.1	55.9	64.1	74.7	90.7	
Power	3N-380V-50HZ								
Refrigerant	R407C/R22								
Compressor type	Hermetic scroll								
Indoor unit	Air flow	m ³ /h	1500	19000	22000	26000	33000	35000	40000
	ESP	Pa	350	350	400	400	400	450	500
	Input power	kW	5.5	5.5	7.5	7.5	11	11	15
Unit Dimension	L	mm	2000	2200	2200	2200	3400	3500	4000
	W	mm	1250	1500	1500	1700	1700	1700	1800
	H	mm	1900*	1900	2000	2000	2200	2200	2500
Unit weight	kg	1120	1350	1670	1800	2100	2360	2510	
Remarks	1. Standard working condition DB 27°C, WB21.1°C								
	2. *mens front air supply unit with louver								

RFC Type Dehumidifier Unit-1

Unit model	RCG	5	10	15	20	25	30	40	50	
Dehumidification qty	kg/h	5	9.5	15.2	20	23.4	29.7	40	48	
Air Flow	m ³ /h	1700	3000	4000	6000	7000	9000	12000	14000	
Cooling capacity	kW	8.5	16.1	25.7	33.8	39.5	50.2	67.6	81.1	
Input power	kW	2.2	3.3	5.2	6.9	8.1	10.2	13.8	16.6	
Power	3N-380V-50HZ									
Refrigerant	R407C/R22									
Compressor type	Hermetic scroll									
Return air direction	Front									
Supply air direction	Back									
Unit Dimension	L	mm	700	900	1300	1600	1600	1900	1900	2100
	W	mm	600	600	700	800	800	900	900	1000
	H	mm	1200	1400	1400	1700	1700	1900	1900	2000
Unit weight	kg	110	160	280	370	420	590	640	730	
Remarks	1. Standard working condition DB 27°C, WB21.1°C									
	2. *mens front air supply unit with louver									

RFC Type Dehumidifier Unit-2

Unit model	RCG	60	75	90	100	120	135	150	200	
Dehumidification capacity	kg/h	60	75	90	100	120	135	150	200	
Air Flow	m ³ /h	18000	22000	24000	26000	30000	32000	36000	48000	
Cooling capacity	kW	101.4	126.8	152.1	169.0	202.8	228.2	253.5	338.0	
Input power	kW	21.1	26.4	31.7	37.6	45.1	50.7	56.3	75.1	
Power	3N-380V-50HZ									
Refrigerant	R407C/R22									
Compressor type	Hermetic scroll									
Return air direction	Front									
Supply air direction	Back									
Unit Dimensions	L	mm	2100	2300	2300	2700	2700	3500	4000	4000
	W	mm	1000	1000	1000	1300	1400	1400	1400	1400
	H	mm	2000	2100	2100	2200	2200	2400	2400	2400
Unit weight	kg	1080	1210	1380	1530	1760	1890	2010	2230	
Remarks	1.Standard working condition DB 27°C, WB21.1°C									
	2. *mens front air supply unit with louver									

RCGF Type Dehumidifier Unit

Unit model		RCGF	5	10	15	20	25	30	40	50
Dehumidification qty		kg/h	5	9.5	15.2	20	23.4	29.7	40	48
Input power		kW	2.59	4.28	7.79	9.4	11.28	15.58	18.86	22.22
Power		3N-380V-50HZ								
Refrigerant		R407C/R22								
Compressor type		Hermetic scroll								
Input power		kW	2.34	4	7.15	8.32	10	2×7.15	2×8.32	2×10
Fan	Air flow	m ³ /h	1200	1800	2800	2×2200	2×2200	2×2800	2×4000	2×4500
	ESP	Pa	30	30	100	100	100	100	120	120
	input power	kW	0.25	0.28	0.64	2×0.54	2×0.64	2×0.64	2×1.1	2×1.1
Unit Dim	L	mm	980	980	1390	1390	1390	1890	1890	1890
	W	mm	670	670	670	670	670	850	850	850
	H	mm	1965	1965	1965	1965	1965	1965	1965	1965
Unit weight		kg	110	160	280	320	400	500	700	840
Remarks		1. Standard working condition DB 27°C, WB21.1°C								
		2. *mens front air supply unit with louver								

RCFJ/RCFTF Type Dehumidifier Unit-1

Unit model	RCFJ	5	10	15	20	25	30	40	50	
Dehumidification qty	kg/h	5	10	15.5	21	25	31	41	49	
Cooling capacity	kW	8.5	16.9	25.6	34.7	41.3	51.2	67.7	80.9	
Input power	kW	2.1	3.9	6.1	8.5	10.3	12.2	16.9	20.2	
Power	3N-380V-50HZ									
Refrigerant	R407C/R22									
Compressor type	Hermetic scroll									
Indoor unit	Air flow	m ³ /h	1500	3000	4000	6000	7000	8500	11000	13000
	ESP	Pa	50	50*/230	50*/230	50*/230	50*/230	50*/230	300	350
	Input power	kW	0.25*	0.4*/0.7	0.7*/1.5	0.8*/1.5	1.3*/2.2	1.3*/3	3	4
Unit Dim	L	mm	700	900	1300	1300	1700	1700	1900	1900
	W	mm	600	600	700	700	700	700	850	950
	H	mm	1900*	1950*/1650	2150*/1850	2250*/1950	2250*/1950	2250*/1950	2250	2250
Unit weight	kg	110	190	280	370	440	630	720	870	
Outdoor unit	SW	10	15	25	35	45	30	35	45	
Quantity		1	1	1	1	1	2	2	2	
Remarks	1. Standard working condition DB 27°C, WB21.1°C									
	2. *mens front air supply unit with louver									

RCFJF/RCFTF Type Dehumidifier Unit-1

Unit model	RCFJ	80	105	130	150	165	200	
Dehumidification qty	kg/h	82	102	129	150	165	200	
Cooling capacity	kW	131.2	158.1	201.2	240.0	264.0	320.0	
Input power	kW	33.6	41.1	51.6	63.2	71.4	86.5	
Power	3N-380V-50HZ							
Refrigerant	R407C/R22							
Compressor type	Hermetic scroll							
Indoor unit	Air flow	m ³ /h	19000	22000	26000	33000	38000	45000
	ESP	Pa	350	400	400	500	500	600
	Input power	kW	4	5.5	7.5	9	11	15
Unit Dim	L	mm	2200	2200	2400	3000	3400	4000
	W	mm	1500	1500	1700	1700	1700	1700
	H	mm	1900	1900	2200	2200	2200	2500
Unit weight	kg	60	60	45	60	45	60	
Outdoor unit	SW	2	3	4	4	4	5	
Quantity		1070	1310	1630	1870	2010	2340	
Remarks	1. Standard working condition DB 27°C, WB21.1°C							
	2. *mens front air supply unit with louver							

Outdoor Unit Specification

Model		RCW-10N	RCW-15N	RCW-25N	RCW-35N	RCW-40N	RCW-60N	
Motor power	kW	0.35	0.35	0.55	0.75	0.55×2	0.75×2	
Quantity		1	1	1	1	2	2	
Air flow	m ³ /h	9000	10500	12000	18000	24000	36000	
Noise	db(A)	65	67	70	72	74	75	
Heat exchanger		Copper pipe with aluminium fins						
Power		3N-380V-50Hz						
Connection pipes	Gas pipe	$\varphi \times \delta$ (mm)	15.88×1	15.88×1	19.05×1.5	22.22×1.5	22.22×1.5	22.22×1.5
	Qty		1	1	1	1	1	1
	Liquid	$\varphi \times \delta$ (mm)	9.52×1	12.7×1	15.88×1.5	19.05×1.5	19.05×1.5	19.05×1.5
	Qty		1	1	1	1	2	2
	Connection type		Threaded			Welded		
Unit Dimension	L	mm	850	850	1000	1000	1800	1800
	W	mm	800	800	950	950	950	950
	H	mm	900	900	1220	1220	1220	1220
Unit weight		kg	150	180	210	280	310	320