

Rooftop Packaged Unit

Model		RWK18	RWK28	RWK35	RWK50	RWK70	
Capacity	Cooling	kW	18	27.5	35.6	50	70
		TR	5	8	10	14	20
	Heating	kW	18.2	28.3	38	54	75
		TR	5	8	11	15	21
Max starting current		A	35	50	76	168	181
Running current on cooling			12	17	26	36	58
Running current on heating			12	17	24	34	55
Power	Cooling	kW	6.23	9.45	12	20	27
	Heating	kW	6.25	9.45	11	18	25
Compres	Brand		Panasonic				
	Quantity		1	1	1	2	2
	Refrigerant		R410a				
	Refrigerant charge	kG	4.5	6	6.5	12.8	17
Condens	Coil		Copper pipe with hydrophilic coated 0.11 mm aluminium fins (12 fins/inch)				
	Copper pipe type		7mm internal thread				
	Fan type		Axial				
	Fan drive		Direct drive				
	Motor qty		1	1	1	1	2
	RPM		710	710	930	930	930
	Motor input power	kW	0.37	0.55	1.1	1.5	1.5
Evaporat	Coil		4 rows copper pipe with hydrophilic coated 0.11 mm aluminium fins (12 fins/inch)				
	Copper pipe type		7mm internal thread				
	Fan type		Centrifugal				
	Evaporator fan drive		Direct drive				
	RPM		960r/min	1400r/min	1400r/min	950r/min	960r/min

	Motor input power	kW	0.8	1.1	2.2	2.2	5.5
	Air flow rate	m ³ /h	3400	5200	6000	8000	12500
		cfm	2000	3050	3500	4700	7350
	External static pressure	Pa	100	150	250	250	300
inch H ₂ O		0.4	0.6	1	1	1.2	
Galvanized thickness	μm	80	80	80	80	80	
Paint thickness	μm	80	60	60	60	60	
Fliter material	Aluminum G3						
Noise	db(A)	70	72	72	72	74	
System pressure control	High/Low pressure switch						
Dimension	L	mm	1860	2010	2010	2010	2390
	W	mm	965	1165	1158	1158	2150
	H	mm	1050	1155	1155	1155	1230
Weight	kG	280	320	384	600	800	
Continuous improvement of technology is our aim ,Ruidong keep the rights to change the parameter without pri							
Cooling Conditons : Outdoor : 35°C, Indoor : 27°C/19°C(DB/WB)							

Rooftop Packaged Unit

Model			RWK90	RWK105	RWK140	RWK180	RWK210	RWK260
Capacity	Cooling	kW	90	105	140	180	210	260
		TR	26	30	40	51	60	74
	Heating	kW	96	110	146	188	220	272
		TR	27	31	42	53	63	77
Max starting current		A	196	211	232	252	266	301
Running current on cooling			64	7	82	110	138	160
Running current on heating			59	65	76	102	130	152
Power	Cooling	kW	32	33	40	56	70	83
	Heating	kW	29	30	37	52	65	77
Compressor	Brand		Panasonic					Copeland
	Quantity		2	2	4	4	4	4
	Refrigerant		R410a					
	Refrigerant charge	kG	20	22.5	34	40	45	51
Condenser	Coil		Copper pipe with hydrophilic coated 0.11 mm aluminium fins (12 fins/inch)					
	Copper pipe type		7mm internal thread					
	Fan type		Axial					
	Fan drive		Direct drive					
	Motor qty		2	3	4	4	4	4
	RPM		930	930	930	710	930	930
	Motor input power	kW	1.5	3	4.4	4.4	6	8.8
Evaporator	Coil		Copper pipe with hydrophilic coated 0.11 mm aluminium fins (12 fins/inch)					
	Copper pipe type		7mm internal thread					
	Fan type		Centrifugal					
	Evaporator fan drive		Direct drive					
	RPM		960r/min	716r/min	634r/min	757r/min	676r/min	593r/min
	Motor input power	kW	5.5	5.5	5.5	11	15	15

	Air flow rate	m ³ /h	16000	19000	24000	30000	36000	36000
		cfm	9421	11200	147000	17647	21176	21176
	External static pressure	Pa	300	300	400	400	500	500
		inch H ₂ O	1.2	1.2	1.6	1.6	2	2
Galvanized thickness		μm	80	80	80	80	80	80
Paint thickness		μm	60	60	60	60	60	60
Fliter meterial			Aluminum G3		Aluminum			
Noise		db(A)	74	75	79			
System pressure control			High/Low pressure switch					
Dimension	L	mm	2960	2960	5130	5130	5130	5130
	W	mm	2250	2250	2340	2340	2340	2340
	H	mm	2005	2005	2130	2130	2130	2130
Weight		kG	1280	1300	2750	2800	2850	2900