



Tropical Application-R22

Specification

Nominal ton	(Ton)	6.2	6.2	7.5	7.5	7.5	
Model		APRFT-062CD-R1	APRGT-062ED-R1 APRHT-062ED-R1	APRFT-075CD-R1	APRGT-075ED-R1 APRHT-075ED-R1	APRFT-075HD-R1	
Power Supply	V,Ph,Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	
Cooling	Cooling Capacity (1)	Btu/h	73400	73400	89000	89000	89000
		kW	21.5	21.5	26	26	26
	Power Input(1)	kW	7.4	7.4	9.5	9.5	9.5
	Cooling Capacity (2)	Btu/h	61300	61300	80300	80300	80300
		kW	18	18	23.5	23.5	23.5
Power Input(2)	kW	8.4	8.4	11	11	11	
Electric Heating(Optional)	Heating Capacity	Btu/h	-	47800	-	47800	102400
		kW	-	14	-	14	30
	Power Input	kW	-	14	-	14	9.2
Max. input consumption	kW	14.5	14.5	14.5	14.5	15.4	
Max. current	A	25.5	25.5	25.5	25.5	27.6	
Performance	Indoor fan air flow	CFM	2500	2500	3000	3000	3000
	ESP	Pa	60	60	60	60	60
	EER 1	Btu/h/W	10	10	9.3	9.3	9.3
	EER 2	Btu/h/W	7.3	7.3	7.3	7.3	7.3
	COP	Btu/h/W	/	/	/	/	11.1
Indoor Coil	Number of rows		2	2	2	2	2
	Fin spacing	mm	1.4	1.4	1.4	1.4	1.4
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	7.94	7.94	7.94
inch		5/16"	5/16"	5/16"	5/16"	5/16"	
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	Quantity		1	1	1	1	1
	Drive type		Belt	Belt	Belt	Belt	Belt
	Motor quantity		1	1	1	1	1
Compressor	Type		Scroll	Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	2	2	2
	Brand		Copeland	Copeland	Copeland	Copeland	Copeland
	Capacity	Btu/h	51000x2	51000x2	51000x2	51000x2	51000x2
	Refrigerant oil charge	ml	1360x2	1360x2	1360x2	1360x2	1360x2
Outdoor Coil	Number of rows		3	3	3	3	3
	Fin spacing	mm	1.6	1.6	1.6	1.6	1.6
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	7.94	7.94	7.94
inch		5/16"	5/16"	5/16"	5/16"	5/16"	
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller
	Quantity		1	1	1	1	1
	Drive type		Direct	Direct	Direct	Direct	Direct
	Motor quantity		1	1	1	1	1
Refrigerant	Type		R22	R22	R22	R22	R22
	Refrigerant volume	Kg	2.2x2	2.2x2	2.2x2	2.2x2	2.2x2
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary	Capillary
Filter	Quantity		4	4	4	4	4
	Size (W×H×D)	mm	529×357×12.5	529×357×12.5	529×357×12.5	529×357×12.5	529×357×12.5
Shipping	Qty' Per 20'/40'/40'HQ	Pieces	8/18/18	8/18/18	8/18/18	8/18/18	8/18/18

Note:

The data are based on the following conditions:

Cooling and Power input : (1) Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 35°C(95°F) DB.

(2) Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 46.1°C(115°F) DB.

Heating and Power input: Indoor Temperature 20°C(68°F) DB/15°C(59°F) WB; - Outdoor Temperature 7°C(44.6°F) DB/6°C(42.8°F) WB.