



Tropical Application-R410A

Specification

Nominal ton		(Ton)	5	6.2	6.2	6.2
Model			APRFT-60CDN1-R1	APRFT-062CDN1-R1	APRGT-062EDN1-R1	APRFT-062HDN1-R1
Power Supply		V/Ph/Hz	380~415V,3Ph,50Hz	380~400V,3Ph,50Hz	380~400V,3Ph,50Hz	380~400V,3Ph,50Hz
Cooling	Cooling Capacity(1)	Btu/h	59000	75000	75000	75000
		kW	17	22	22	22
	Power Input(1)	kW	5.6	7.7	7.7	7.7
	Cooling Capacity(2)	Btu/h	51200	62700	62700	62700
		kW	15	18.4	18.4	18.4
Power Input (2)	kW	6.7	8.6	8.6	8.6	
Heating	Heating Capacity	Btu/h	-	-	47800	89000
		kW	-	-	14	26
	Power Input	kW	-	-	14	7.6
Max.input consumption		kW	8.1	10.9	10.9	11.3
Max.power input		A	18	20.1	20.1	21
Performance	Indoor fan air flow	CFM	1800	2600	2600	2600
	ESP	Pa	50	60	60	60
	EER1	Btu/h/W	10.4	9.7	9.7	9.7
	EER2	Btu/h/W	7.6	7.3	7.3	7.3
	COP	Btu/h/W	/	/	/	11.6
Indoor Coil	Number of rows		4	2	2	2
	Fin spacing	mm	1.6	1.6	1.6	1.6
		inch	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	7.94	7.94
inch		5/16"	5/16"	5/16"	5/16"	
Indoor Fan	Type		Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Quantity		1	1	1	1
	Drive type		Direct	Belt	Belt	Belt
	Motor quantity		1	1	1	1
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		1	1	1	1
	Brand		Copeland	Danfoss	Danfoss	Danfoss
	Capacity	Btu/h	55000	76090	76090	76090
	Refrigerant oil charge	ml	1656	3000	3000	3000
Outdoor Coil	Number of rows		3	3	3	3
	Fin spacing	mm	1.3	1.6	1.6	1.6
		inch	3/64"	1/16"	1/16"	1/16"
	Tube diameter	mm	7	7.94	7.94	7.94
inch		9/32"	5/16"	5/16"	5/16"	
Outdoor Fan	Type		Axial	Propeller	Propeller	Propeller
	Quantity		1	1	1	1
	Drive type		Direct	Direct	Direct	Direct
	Motor quantity		1	1	1	1
Refrigerant	Type		R410A	R410A	R410A	R410A
	Refrigerant volume	Kg	5	5.2	5.2	5.2
	Refrigerant Control		Piston	Capillary	Capillary	Capillary
Filter	Quantity	Pieces	1	2	2	2
	Size (W×H×D)	mm	410X495X25	447X885X10	447X885X10	447X885X10
Shipping	Qty'Per 20'/40'/40'HQ	Pieces	12/24/36	12/28/28	12/28/28	12/28/28

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.