



## Tropical Application-R410A

### Specification

Nominal ton		(Ton)	20	20	20
Model			APRFT-200CDN1-R1	APRGT-200EDN1-R1	APRFT-200HDN1-R1
Power Supply		V/Ph/Hz	380~400V,3Ph,50Hz	380~400V,3Ph,50Hz	380~400V,3Ph,50Hz
Cooling	Cooling Capacity(1)	Btu/h	240000	240000	240000
		kW	70	70	70
	Power Input(1)	kW	23.6	23.6	23.6
	Cooling Capacity(2)	Btu/h	213000	213000	213000
		kW	62.4	62.4	62.4
Power Input(2)	kW	27.7	27.7	27.7	
Heating	Heating Capacity	Btu/h	-	133100	256000
		kW	-	39	75
	Power Input	kW	-	39	23.4
Max.input consumption		kW	35	35	35.7
Max.power input		A	66	66	69.2
Performance	Indoor fan air flow		CFM	8400	8400
	ESP		Pa	100	100
	EER1		Btu/h/W	10.1	10.1
	EER2		Btu/h/W	7.7	7.7
	COP		Btu/h/W	/	/
Indoor Coil	Number of rows			3	3
	Fin spacing	mm	1.6	1.6	1.6
		inch	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	7.94
inch		5/16"	5/16"	5/16"	
Indoor Fan	Type		Centrifugal	Centrifugal	Centrifugal
	Quantity		1	1	1
	Drive type		Belt	Belt	Belt
	Motor quantity		1	1	1
Compressor	Type		Scroll	Scroll	Scroll
	Quantity		2	2	2
	Brand		Danfoss	Danfoss	Danfoss
	Capacity	Btu/h	119000×2	119000×2	119000×2
	Refrigerant oil charge	ml	3300×2	3300×2	3300×2
Outdoor Coil	Number of rows		4	4	4
	Fin spacing	mm	1.6	1.6	1.6
		inch	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	7.94
inch		5/16"	5/16"	5/16"	
Outdoor Fan	Type		Propeller	Propeller	Propeller
	Quantity		2	2	2
	Drive type		Direct	Direct	Direct
	Motor quantity		2	2	2
Refrigerant	Type		R410A	R410A	R410A
	Refrigerant volume	Kg	8.1X2	8.1X2	8.8X2
	Refrigerant Control		Capillary	Capillary	Capillary
Filter	Quantity	Pieces	3	3	3
	Size(W×H×D)	mm	640X1008X12.5	640X1008X12.5	640X1008X12.5
Shipping	Qty'Per 20'/40'/40'HQ	Pieces	2/4/8	2/4/8	2/4/8

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.