



Tropical Application-R410A

Specification

Nominal ton		(Ton)	12.5	12.5
Model			APRFT-125CDN1-R1	APRFT-125HDN1-R1
Power Supply		V/Ph/Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz
Cooling	Cooling Capacity(1)	Btu/h	150000	150000
		kW	43	43
	Power Input(1)	kW	15.3	15.3
		Cooling Capacity(2)	Btu/h	125600
	kW		34.2	34.2
Power Input(2)	kW	16.8	16.8	
	Heating	Heating Capacity	Btu/h	-
kW			-	49
Power Input		kW	-	14.2
Max.input consumption		kW	22	22.2
Max.power input		A	41.6	41.8
Performance	Indoor fan air flow	CFM	5200	5200
	ESP	Pa	90	90
	EER1	Btu/h/W	9.8	9.8
	EER2	Btu/h/W	7.5	7.5
	COP	Btu/h/W	-	11.8
Indoor Coil	Number of rows		3	3
	Fin spacing	mm	1.5	1.5
		inch	1/16"	1/16"
	Tube diameter	mm	7	7
inch		9/32"	9/32"	
Indoor Fan	Type		Centrifugal	Centrifugal
	Quantity		1	1
	Drive type		Belt	Belt
	Motor quantity		1	1
Compressor	Type		Scroll	Scroll
	Quantity		2	2
	Brand		Copeland	Copeland
	Capacity	Btu/h	99500+50000	99500+50000
	Refrigerant oil charge	ml	3253+1685	3253+1685
Outdoor Coil	Number of rows		3.5	3.5
	Fin spacing	mm	1.5	1.5
		inch	1/16"	1/16"
	Tube diameter	mm	7	7
inch		9/32"	9/32"	
Outdoor Fan	Type		Propeller	Propeller
	Quantity		1	1
	Drive type		Direct	Direct
	Motor quantity		1	1
Refrigerant	Type		R410A	R410A
	Refrigerant volume	Kg	4.7+2.2	5.4+3
	Refrigerant Control		Capillary	Capillary
Filter	Quantity	Pieces	2	2
	Size(W×H×D)	mm	605x1045x12.5	605x1045x12.5
Shipping	Qty/Per 20'/40'/40'HQ	Pieces	4/8/16	4/8/16

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.