



Tropical Application-R410A

Nominal ton		(Ton)	20	20	20	
Model			ODRFT-200CDN1-P5	ODRGT-200EDN1-P5	ODRFT-200HDN1-P5	
Power Supply		V,Ph,Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	
Cooling	Cooling Capacity (1)	Btu/h	240000	240000	240000	
		kW	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	255900
kW			-	39		
Power Input		kW	-	39		
Max. input consumption		kW	38.2	38.2	38.8	
Max. current		A	127.3	127.3	128.5	
Performance	Indoor fan air flow		CFM	8400	8400	
	ESP		Pa	100	100	
	EER 1		Btu/h/W	10.1	10.1	
	EER 2		Btu/h/W	7.6	7.6	
	COP		Btu/h/W	/	/	10.2
Indoor Coil	Number of rows			3	3	
	Fin spacing	mm	1.6	1.6		
		inch	1/18"	1/16"	1/16"	
	Tube diameter	mm	7.94	7.94	7.94	
inch		5/16"	5/16"	5/16"		
Indoor fan	Type			FC centrifugal	FC centrifugal	FC centrifugal
	Quantity			1	1	
	Drive type			Belt	Belt	Belt
	Motors quantity			1	1	
Compressor	Type			Scroll	Scroll	Scroll
	Quantity			2	2	
	Brand			Danfoss	Danfoss	Danfoss
	Capacity	Btu/h		111300x2	111300x2	111300x2
	Refrigerant oil charge	ml		3000x2	3300x2	3300x2
Outdoor Coil	Number of rows			4	4	
	Fin spacing	mm	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	
	Drive type			Direct	Direct	Direct
	Motors quantity			2	2	
Refrigerant	Type			R410A	R410A	R410A
	Refrigerant volume	Kg		7.2X 2	7.2X 2	8.3 X 2
	Refrigerant Control			Capillary	Capillary	Capillary
Shipping	Quantity			2	3	
	Size (W×H×D)	mm		900 X 815 X 12.5	640 X 1008 X 12.5	640 X 1008 X 12.5
Shipping	Qty/Per 20'/40'/40'HQ	Pieces		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.