



Tropical Application-R410A

Nominal ton		(Ton)	6.2	6.2	7.5	7.5	7.5	
Model			ODRFT-062CDN1-P5	ODRGT-062EDN1-P5	ODRFT-075CDN1-P5	ODRGT-075EDN1-P5	ODRFT-075HDN1-P5	
Power Supply		V,Ph,Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	
Cooling	Cooling Capacity (1)	Btu/h	75000	75000	89000	89000	89000	
		kW	22	22	26	26	26	
	Power Input (1)	kW	7.7	7.7	9.2	9.2	9.2	
		Cooling Capacity (2)	Btu/h	62700	62700	74500	74500	74500
	kW		18.4	18.4	21.8	21.8	21.8	
Power Input (2)	kW	8.6	8.6	9.9	9.9	9.9		
	Heating	Heating Capacity	Btu/h	-	47800	-	47800	102400
kW			-	14	-	14	30	
Power Input		kW	-	14	-	14	10	
Max. input consumption		kW	13.2	13.2	13.2	13.2	13.7	
Max. current		A	42	42	42	42	45	
Performance	Indoor fan air flow		CFM	2600	2600	3000	3000	3000
	ESP		Pa	60	60	60	60	60
	EER 1		Btu/h/W	9.7	9.7	9.7	9.7	9.7
	EER 2		Btu/h/W	7.4	7.4	7.3	7.3	7.3
	COP		Btu/h/W	/	/	/	/	10.2
Indoor Coil	Number of rows			2	2	2	2	2
	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"		
Indoor fan	Type			FC centrifugal	FC centrifugal	FC centrifugal	FC centrifugal	FC centrifugal
	Quantity			1	1	1	1	1
	Drive type			Belt	Belt	Belt	Belt	Belt
	Motors quantity			1	1	1	1	1
Compressor	Type			Scroll	Scroll	Scroll	Scroll	Scroll
	Quantity			1	1	1	1	1
	Brand			Danfoss	Danfoss	Danfoss	Danfoss	Danfoss
	Capacity	Btu/h		92465	92465	92465	92465	92465
	Refrigerant oil charge	ml		3000	3000	3000	3000	3000
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
	Motors quantity			1	1	1	1	1
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A
	Refrigerant volume	Kg		5.6	5.6	5.6	5.6	6.2
	Refrigerant Control			Capillary	Capillary	Capillary	Capillary	Capillary
Filter	Quantity			2	2	2	2	2
	Size (W×H×D)	mm		447 X 885 X 10	447 X 885 X 10	447 X 885 X 10	447 X 885 X 10	447 X 885 X 10
Shipping	Qty/Per 20'/40'/40'HQ	Pieces		12/28/28	12/28/28	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.