



## Tropical Application-R410A

Nominal ton		(Ton)	15	15	15	17.5	17.5	
Model			ODRFT-150CDN1-P5	ODRGT-150EDN1-P5	ODRFT-150HDN1-P5	ODRFT-175CDN1-P5	ODRGT-175EDN1-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	180000	180000	180000	205000	205000	
		kW	53	53	53	60	60	
	Power Input (1)	kW	18.1	18.1	18.1	20	20	
		Cooling Capacity (2)	Btu/h	159600	159600	159600	180600	180600
	kW		46.7	46.7	46.7	52.9	52.9	
Power Input (2)	kW	20.2	20.2	20.2	23.5	23.5		
	Heating	Heating Capacity	Btu/h	-	102400	191000	-	102400
kW			-	30	56	-	30	
Power Input		kW	-	30	19	-	30	
Max. input consumption		kW	26.8	26.8	27.7	32.8	32.8	
Max. current		A	87.9	87.9	89.1	98.6	98.6	
Performance	Indoor fan air flow		CFM	6600	6600	6600	7300	7300
	ESP		Pa	90	90	90	100	100
	EER 1	Btu/h/W	10	10	10	10.2	10.2	
	EER 2	Btu/h/W	7.5	7.5	7.5	7.7	7.7	
	COP	Btu/h/W	/	/	10	/	/	
Indoor Coil	Number of rows		3	3	3	3	3	
	Fin spacing	mm	1.4	1.4	1.4	1.4	1.4	
		inch	1/18"	1/18"	1/18"	1/18"	1/18"	
	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		2	2	2	2	2	
	Brand		Danfoss	Danfoss	Danfoss	Danfoss	Danfoss	
	Capacity	Btu/h	92465x2	92465x2	92465x2	109530x2	109530x2	
	Refrigerant oil charge	ml	3000x2	3000x2	3000x2	3300x2	3300x2	
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		2	2	2	2	2	
	Drive type		Direct	Direct	Direct	Direct	Direct	
	Motors quantity		2	2	2	2	2	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	
	Refrigerant volume	Kg	5.8 X 2	5.8 X 2	6 X 2	4.5 X 2	4.5 X 2	
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary	Capillary	
Filter	Quantity		2	2	2	2	2	
	Size (W×H×D)	mm	900 X 815 X 12.5	900 X 815 X 12.5	900 X 815 X 12.5	900 X 815 X 12.5	900 X 815 X 12.5	
Shipping	Qty/Per 20'/40'/40'HQ	Pieces	3/6/12	3/6/12	3/6/12	3/6/12	3/6/12	

### 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.