



## Tropical Application-R410A

Nominal ton		(Ton)	8.5	8.5	10	10	10	
Model			ODRFT-085CDN1-P5	ODRGT-085EDN1-P5	ODRFT-100CDN1-P5	ODRGT-100EDN1-P5	ODRFT-100HDN1-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	103000	103000	120000	120000	120000	
		kW	30	30	35	35	35	
	Power Input (1)	kW	10.4	10.4	11.4	11.4	11.4	
	Cooling Capacity (2)	Btu/h	85600	85600	100000	100000	100000	
		kW	25.1	25.1	29.3	29.3	29.3	
Power Input (2)	kW	11.4	11.4	13.6	13.6	13.6		
Heating	Heating Capacity	Btu/h	-	71700	-	71700	125300	
		kW	-	21	-	21	36.7	
	Power Input	kW	-	21	-	21	11	
Max. input consumption		kW	14.7	14.7	16.8	16.8	17	
Max. current		A	47.1	47.1	55	55	55.4	
Performance	Indoor fan air flow		CFM	3600	3600	3800	3800	3800
	ESP		Pa	75	75	75	75	75
	EER 1	Btu/h/W	9.8	9.8	10.5	10.5	10.5	
	EER 2	Btu/h/W	7.7	7.7	7.4	7.4	7.4	
	COP	Btu/h/W	/	/	/	/	11.4	
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		1	1	1	1	1	
	Brand		Danfoss	Danfoss	Danfoss	Danfoss	Danfoss	
	Capacity	Btu/h	119000	119000	1113000	111300	111300	
	Refrigerant oil charge	ml	3300	3300	3300	3300	3300	
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	6.7	6.7	6.5	6.5	6.5	
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary	Capillary	
Filter	Quantity		2	2	2	2	2	
	Size (W×H×D)	mm	566 X 814 X 10	566 X 814 X 10	566 X 814 X 10	566 X 814 X 10	566 X 814 X 10	
Shipping	Qty/Per 20'/40'/40'HQ	Pieces	8/16/16	8/16/16	8/16/16	8/16/16	8/16/16	

**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.