



Tropical Application-R22

Nominal ton		(Ton)	12.5	12.5	12.5	12.5
Model			ODRFT-125CD-P7	ODRGT-125ED-P7 ODRHT-125ED-P7	ODRFT-125CD-P5	ODRGT-125ED-P5 ODRHT-125ED-P5
Power Supply		V,Ph,Hz	380~415V,3Ph,60Hz	380~415V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz
Cooling	Cooling Capacity (1)	Btu/h	150000	150000	150000	150000
		kW	44	44	44	44
	Power Input (1)	kW	15	15	15.2	15.2
		Cooling Capacity (2)	Btu/h	129000	129000	129000
	kW		37.8	37.8	37.8	37.8
Power Input (2)	kW	17.4	17.4	17.6	17.6	
	Heating	Heating Capacity	Btu/h	-	102400	-
kW			-	30	-	30
Power Input		kW		30		30
Max. input consumption		kW	22.7	22.7	20.0	20.0
Max. current		A	43	43	64.8	64.8
Performance	Indoor fan air flow	CFM	5000	5000	5000	5000
	ESP	Pa	90	90	90	90
	EER 1	Btu/h/W	10	10	10	10
	EER 2	Btu/h/W	7.4	7.4	7.3	7.3
	COP	Btu/h/W	/	/	/	/
Indoor Coil	Number of rows		3	3	3	3
	Fin spacing	mm	1.7	1.7	1.7	1.7
		inch	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53	9.53
inch		5/16"	5/16"	5/16"	5/16"	
Indoor fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	Quantity		1	1	1	1
	Drive type		Belt	Belt	Belt	Belt
	Motor quantity		1	1	1	1
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	2	2
	Brand		Sanyo+Danfoss	Sanyo+Danfoss	Copeland	Copeland
	Capacity	Btu/hr	56639+101677	56639+101677	36849+109184	36849+109184
	Refrigerant oil charge	ml	1700+3250	1700+3250	1240+3250	1240+3250
Outdoor Coil	Number of rows		3	3	3	3
	Fin spacing	mm	1.7	1.7	1.7	1.7
		inch	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53	9.53
inch		5/16"	5/16"	5/16"	5/16"	
Outdoor Fan	Type		Axile	Axile	Axile	Axile
	Quantity		1	1	2	2
	Drive type		Direct	Direct	Direct	Direct
	Motor quantity		2	2	2	2
Refrigerant	Type		R22	R22	R22	R22
	Refrigerant volume	Kg	12.2	12.2	12	12
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary
Filter	Quantity		2	2	2	2
	Size (W×H×D)	mm	1015×815×12.5	1015×815×12.5	1015×815×12.5	1015×815×12.5
Shipping	Qty/Per 20'/40'/40'HQ		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.



Tropical Application-R22

Nominal ton		(Ton)	15	15	15	15	15
Model			ODRGT-150ED-P5 ODRHT-150ED-P5	ODRFT-150HD-P5	ODRFT-150CD-P7	ODRGT-150ED-P7 ODRHT-150ED-P7	ODRFT-150CD-P5
Power Supply		V,Ph,Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	380~415V,3Ph,60Hz	380~415V,3Ph,60Hz	220V,3Ph,60Hz
Cooling	Cooling Capacity (1)	Btu/h	180000	180000	180000	180000	180000
		kW	53	53	53	53	53
	Power Input(1)	kW	19.1	19.1	19.1	19.1	19.1
	Cooling Capacity (2)	Btu/h	157900	157900	157900	157900	157900
		kW	46.3	46.3	46.3	46.3	46.3
Power Input(2)	kW	21.5	21.5	21.3	21.3	21.5	
Heating	Heating Capacity	Btu/h	102000	191000	-	102400	-
		kW	30	56	-	30	-
	Power Input	kW	30	19	-	30	-
Max. input consumption		kW	24.3	25.6	26.7	26.7	24.3
Max. current		A	78.8	85.4	48.8	48.8	78.8
Performance	Indoor fan air flow	CFM	6000	6000	6000	6000	6000
	ESP	Pa	90	90	90	90	90
	EER 1	Btu/h/W	9.5	9.5	9.5	9.5	9.5
	EER 2	Btu/h/W	7.3	7.3	7.4	7.4	7.3
	COP	Btu/h/W	/	10.1	/	/	/
Indoor Coil	Number of rows		3	3	3	3	3
	Fin spacing	mm	1.4	1.4	1.7	1.7	1.4
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	9.53	9.53	7.94
inch		3/8"	3/8"	5/16"	5/16"	3/8"	
Indoor fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	Quantity		1	1	1	1	1
	Drive type		Belt	Belt	Belt	Belt	Belt
	Motor quantity		1	1	1	1	1
Compressor	Type		Scroll	Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	2	2	2
	Brand		Copeland	Copeland	Sanyo+Danfoss	Sanyo+Danfoss	Copeland
	Capacity	Btu/hr	37500+14400	37500+14400	60734+125181	60734+125181	37500+14400
	Refrigerant oil charge	ml	1360+3250	1360+3250	1700+3250	1700+3250	1360+3250
Outdoor Coil	Number of rows		3	3	3	3	3
	Fin spacing	mm	1.6	1.6	1.7	1.7	1.6
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	9.53	9.53	7.94
inch		5/16"	5/16"	5/16"	5/16"	5/16"	
Outdoor Fan	Type		Axile	Axile	Axile	Axile	Axile
	Quantity		2	2	2	2	2
	Drive type		Direct	Direct	Direct	Direct	Direct
	Motor quantity		2	2	2	2	2
Refrigerant	Type		R22	R22	R22	R22	R22
	Refrigerant volume	Kg	8.7+3.6	9.1+4	12.5	12.5	8.7+3.6
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary	Capillary
Filter	Quantity		2	2	2	2	2
	Size (W×H×D)	mm	1015×815×12.5	1015×815×12.5	1015×815×12.5	1015×815×12.5	1015×815×12.5
Shipping	Qty/Per 20'/40'/40'HQ		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.

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