



Tropical Application-R22

Nominal ton		(Ton)	17.5	17.5	17.5
Model			ODRFT-175CD-P5	ODRGT-175ED-P5 ODRHT-175ED-P5	ODRFT-175CD-P5
Power Supply		V,Ph,Hz	380~415V,3Ph,60Hz	380~415V,3Ph,60Hz	220V,3Ph,60Hz
Cooling	Cooling Capacity (1)	Btu/h	210000	210000	210000
		kW	61	61	61
	Power Input(1)	kW	21	21	21
	Cooling Capacity (2)	Btu/h	185600	185600	185600
		kW	54.4	54.4	54.4
Power Input(2)	kW	24.7	24.7	25	
Heating	Heating Capacity	Btu/h	-	133100	-
		kW	-	39	-
	Power Input	kW	-	39	-
Max. input consumption		kW	29.0	29.0	28.0
Max. current		A	56	56	89.2
Performance	Indoor fan air flow	CFM	6800	6800	6800
	ESP	Pa	100	100	100
	EER 1	Btu/h/W	10	10	10
	EER 2	Btu/h/W	7.4	7.4	7.4
	COP	Btu/h/W	/	/	/
Indoor Coil	Number of rows		3	3	3
	Fin spacing	mm	1.7	1.7	1.7
		inch	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53
inch		5/16"	5/16"	5/16"	
Indoor fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	Quantity		1	1	1
	Drive type		Belt	Belt	Belt
	Motor quantity		1	1	1
Compressor	Type		Scroll	Scroll	Scroll
	Quantity		2	2	2
	Brand		Danfoss	Danfoss	Copeland
	Capacity	Btu/hr	101677x2	101677x2	10918x24
	Refrigerant oil charge	ml	3250x2	3250x2	3250x2
Outdoor Coil	Number of rows		3	3	3
	Fin spacing	mm	1.7	1.7	1.7
		inch	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53
inch		5/16"	5/16"	5/16"	
Outdoor Fan	Type		Axile	Axile	Axile
	Quantity				2
	Drive type		Direct	Direct	Direct
	Motor quantity		2	2	2
Refrigerant	Type		R22	R22	R22
	Refrigerant volume	Kg	16	16	16.6
	Refrigerant Control		Capillary	Capillary	Capillary
Filter	Quantity		2	2	2
	Size (W×H×D)	mm	951×978×12.5	951×978×12.5	951×978×12.5
Shipping	Qty/Per 20'/40'/40'HQ		2/4/8	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.



Tropical Application-R22

Nominal ton		(Ton)	17.5	20	20	20	20
Model			ODRGT-175ED-P5 ODRHT-175ED-P5	ODRFT-200CD-P7	ODRGT-200ED-P7 ODRHT-200ED-P7	ODRFT-200CD-P5	ODRGT-200ED-P5 ODRHT-200ED-P5
Power Supply		V,Ph,Hz	220V,3Ph,60Hz	380~415V,3Ph,60Hz	380~415V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz
Cooling	Cooling Capacity (1)	Btu/h	210000	240000	240000	240000	240000
		kW	61	70	70	70	70
	Power Input(1)	kW	21	24.8	24.8	26	26
	Cooling Capacity (2)	Btu/h	185600	210700	210700	210700	210700
		kW	54.4	61.7	61.7	61.7	61.7
Power Input(2)	kW	25	28.3	28.3	28.6	28.6	
Heating	Heating Capacity	Btu/h	120000	-	133100	-	120000
		kW	35	-	39	-	35
	Power Input	kW	35	-	39	-	35
Max. input consumption		kW	28.0	33.4	33.4	33.3	33.3
Max. current		A	89.2	61.7	61.7	100.2	100.2
Performance	Indoor fan air flow	CFM	6800	7800	7800	7800	7800
	ESP	Pa	100	100	100	100	100
	EER 1	Btu/h/W	10	9.6	9.6	9.6	9.6
	EER 2	Btu/h/W	7.4	7.4	7.4	7.4	7.4
	COP	Btu/h/W	/	/	/	/	/
Indoor Coil	Number of rows		3	3	3	3	3
	Fin spacing	mm	1.7	1.7	1.7	1.6	1.6
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53	7.94	7.94
		inch	5/16"	5/16"	5/16"	3/8"	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	Danfoss	Danfoss	Copeland	Copeland
	Capacity	Btu/hr	109184x2	125181x2	125181x2	127950x2	127950x2
	Refrigerant oil charge	ml	3250x2	3250x2	3250x2	3250x2	3250x2
Outdoor Coil	Number of rows		3	3	3	3	3
	Fin spacing	mm	1.7	1.7	1.7	1.6	1.6
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53	7.94	7.94
		inch	5/16"	5/16"	5/16"	3/8"	3/8"
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	16.6	8.0x2	8.0x2	8.0x2	8.0x2
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary	Capillary
Filter	Quantity		2	2	2	2	2
	Size (W×H×D)	mm	951×978×12.5	951×978×12.5	951×978×12.5	951×978×12.5	951×978×12.5
Shipping	Qty/Per 20'/40'/40'HQ		2/4/8	2/4/8	2/4/8	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.



Tropical Application-R22

Nominal ton		(Ton)	20	25	25	25	25	25
Model			ODRFT-200HD-P5	ODRGT-250CD-P5	ODRGT-200ED-P7	ODRGT-250CD-P5	ODRGT-250ED-P5	ODRGT-250HD-P5
Power Supply		V,Ph,Hz	220V,3Ph,60Hz	380~415V,3Ph,60Hz	380~415V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz
Cooling	Cooling Capacity (1)	Btu/h	240000	300000	300000	300000	300000	300000
		kW	70	87	87	87	87	87
	Power Input(1)	kW	26	31	31	31	31	31
		Cooling Capacity (2)	Btu/h	210700	263000	263000	263000	263000
	kW		61.7	77.08	77.08	77.08	77.08	77.08
Power Input(2)	kW	28.6	35.6	35.6	35.6	35.6	35.6	
	Heating Capacity	Btu/h	256000	-	133100	-	133100	307080
kW		75	-	39	-	35	90	
Power Input		kW	25	-	39	-	35	30
Max. input consumption		kW	35.3	45.6	45.6	44.8	44.8	45.4
Max. current		A	104.1	87.2	87.2	143.7	143.7	144.3
Performance	Indoor fan air flow		CFM	7800	10200	10200	10200	10200
	ESP		Pa	100	170	170	170	170
	EER 1	Btu/h/W	9.6	9.7	9.7	9.7	9.7	9.7
	EER 2	Btu/h/W	7.4	7.3	7.3	7.3	7.3	7.3
	COP		Btu/h/W	10.2	/	/	/	/
Indoor Coil	Number of rows		3	4	4	4	4	4
	Fin spacing	mm	1.6	1.6	1.6	1.6	1.6	1.6
		inch	1/16"	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	7.94	7.94	7.94	7.94
inch		3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
Indoor fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	Quantity		1	1	1	1	1	1
	Drive type		Belt	Belt	Belt	Belt	Belt	Belt
	Motor quantity		1	1	1	1	1	1
Compressor	Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	2	2	2	2
	Brand		Copeland	Danfoss	Danfoss	Danfoss	Danfoss	Danfoss
	Capacity	Btu/hr	127950	155000	155000	148600	148600	148600
	Refrigerant oil charge		ml	3250	3000	3000	3300	3300
Outdoor Coil	Number of rows		3	3.57	3.57	3.57	3.57	3.57
	Fin spacing	mm	1.6	1.6	1.6	1.6	1.6	1.6
		inch	1/16"	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	7.94	7.94	7.94	7.94
inch		3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
Outdoor Fan	Type		Axile	Axile	Axile	Axile	Axile	Axile
	Quantity		2	2	2	2	2	2
	Drive type		Direct	Direct	Direct	Direct	Direct	Direct
	Motor quantity		2	2	2	2	2	2
Refrigerant	Type		R22	R22	R22	R22	R22	R22
	Refrigerant volume	Kg	8.0×2	18.8	18.8	18.8	18.8	18.8
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Filter	Quantity		2	3	3	3	3	3
	Size (W×H×D)	mm	951x978x12.5	964x640x12.5	964x640x12.5	964x640x12.5	964x640x12.5	964x640x12.5
Shipping	Qty/Per 20'/40'/40'HQ		2/4/8	2/4/8	2/4/8	2/4/8	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.