



## Tropical Application-R22

Nominal ton		(Ton)	8.5	8.5	8.5	10	10
Model			ODRGT-085ED-P7 ODRHT-085ED-P7	ODRFT-085CD-P5(A)	ODRGT-085ED-P5(A)	ODRFT-100CD-P7	ODRFT-100CD-P7 ODRHT-100ED-P7
Power Supply		V,Ph,Hz	380~415V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	380~415V,3Ph,60Hz	380~415V,3Ph,60Hz
Cooling	Cooling Capacity (1)	Btu/h	107000	107000	107000	127000	127000
		kW	31.4	31.4	31.4	36.7	36.7
	Power Input (1)	kW	10.2	13.6	13.6	12	12
		Cooling Capacity (2)	Btu/h	94600	94600	94600	105300
	kW		27.8	27.8	27.8	30.9	30.9
Power Input (2)	kW	12.6	15.6	15.6	14.2	14.2	
	Heating	Heating Capacity	Btu/h	71700	-	71700	-
kW			21	-	21	-	21
Power Input		kW	21	-	21	-	21
Max. input consumption		kW	16.3	17.5	17.5	17.2	17.2
Max. current		A	30.2	57.4	57.4	31.8	31.8
Performance	Indoor fan air flow	CFM	3400	3400	3400	4000	4000
	ESP	Pa	70	75	75	75	75
	EER 1	Btu/h/W	10.5	10.5	10.5	10.5	10.5
	EER 2	Btu/h/W	7.5	7.5	7.5	7.4	7.4
	COP	Btu/h/W	-	-	-	-	-
Indoor Coil	Number of rows		3	3	3	3	3
	Fin spacing	mm	1.7	1.5	1.5	1.7	1.7
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	7	7	9.53	9.53
		inch	5/16"	9/32"	9/32"	5/16"	5/16"
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		Sanyo	Sanyo	Sanyo	Sanyo	Sanyo
	Capacity	Btu/hr	56639x2	61757x2	61757x2	60734x2	60734x2
	Refrigerant oil charge	ml	1700x2	1700x2	1700x2	1700x2	1700x2
Outdoor Coil	Number of rows		3	3	3	3	3
	Fin spacing	mm	1.7	1.5	1.5	1.7	1.7
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	7	7	9.53	9.53
		inch	5/16"	9/32"	9/32"	5/16"	5/16"
Outdoor Fan	Type		Axile	Axile	Axile	Axile	Axile
	Quantity		1	1	1	1	1
	Drive type		Direct	Direct	Direct	Direct	Direct
	Motor quantity		1	1	1	1	1
Refrigerant	Type		R22	R22	R22	R22	R22
	Refrigerant volume	Kg	6.8	2.6x2	2.6x2	3.5x2	3.5x2
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary	Capillary
Filter	Quantity		4	4	4	4	4
	Size (W×H×D)	mm	566×404×12.5	566×404×12.5	566×404×12.5	566×404×12.5	566×404×12.5
Shipping	Qty/Per 20'/40'/40'HQ		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.



## Tropical Application-R22

Nominal ton		(Ton)	10	10	10
Model			ODRFT-100CD-P5	ODRGT-100ED-P5 ODRHT-100ED-P5	ODRFT-100HD-P5
Power Supply		V,Ph,Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz
Cooling	Cooling Capacity (1)	Btu/h	120000	120000	120000
		kW	35	35	35
	Power Input (1)	kW	11.4	11.4	11.4
	Cooling Capacity (2)	Btu/h	105300	105300	105300
		kW	30.9	30.9	30.9
Power Input (2)	kW	14.2	14.2	14.2	
Heating	Heating Capacity	Btu/h	-	71700	36700
		kW	-	21	36.7
	Power Input	kW	-	21	11
Max. input consumption		kW	18.1	18.1	18.5
Max. current		A	59.7	59.7	60.4
Performance	Indoor fan air flow		CFM	4000	4000
	ESP		Pa	75	75
	EER 1		Btu/h/W	10.5	10.5
	EER 2		Btu/h/W	7.4	7.4
	COP		Btu/h/W	/	/
Indoor Coil	Number of rows			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		Sanyo	Sanyo	Sanyo
	Capacity	Btu/hr	61757x2	61757x2	61757x2
	Refrigerant oil charge	ml	1700x2	1700x2	1700x2
Outdoor Coil	Number of rows			3	3
	Fin spacing	mm	1.6	1.6	1.6
		inch	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	7.94
inch		5/16"	5/16"	5/16"	
Outdoor Fan	Type		Axile	Axile	Axile
	Quantity		1	1	1
	Drive type		Direct	Direct	Direct
	Motor quantity		1	1	1
Refrigerant	Type		R22	R22	R22
	Refrigerant volume	Kg	3.5x2	3.5x2	3.5x2
	Refrigerant Control		Capillary	Capillary	Capillary
Filter	Quantity		4	4	4
	Size (W×H×D)	mm	566×404×12.5	566×404×12.5	566×404×12.5
Shipping	Qty/Per 20'/40'/40'HQ		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.



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Nominal ton		(Ton)	10	10	10
Model			ODRFT-100CD-P5	ODRGT-100ED-P5 ODRHT-100ED-P5	ODRFT-100HD-P5
Power Supply		V,Ph,Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz
Cooling	Cooling Capacity (1)	Btu/h	120000	120000	120000
		kW	35	35	35
	Power Input (1)	kW	11.4	11.4	11.4
		Cooling Capacity (2)	Btu/h	105300	105300
	Power Input (2)		kW	14.2	14.2
Heating	Heating Capacity	Btu/h	-	71700	36700
		kW	-	21	36.7
	Power Input	kW	-	21	11
Max. input consumption		kW	18.1	18.1	18.5
Max. current		A	59.7	59.7	60.4
Performance	Indoor fan air flow		CFM	4000	4000
	ESP		Pa	75	75
	EER 1		Btu/h/W	10.5	10.5
	EER 2		Btu/h/W	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		Sanyo	Sanyo	Sanyo
	Capacity	Btu/hr	61757x2	61757x2	61757x2
	Refrigerant oil charge	ml	1700x2	1700x2	1700x2
Outdoor Coil	Number of rows		3	3	3
	Fin spacing	mm	1.6	1.6	1.6
		inch	1/16"	1/16"	1/16"
	Tube diameter	mm	7.94	7.94	7.94
inch		5/16"	5/16"	5/16"	
Outdoor Fan	Type		Axile	Axile	Axile
	Quantity		1	1	1
	Drive type		Direct	Direct	Direct
	Motor quantity		1	1	1
Refrigerant	Type		R22	R22	R22
	Refrigerant volume	Kg	3.5x2	3.5x2	3.5x2
	Refrigerant Control		Capillary	Capillary	Capillary
Filter	Quantity		4	4	4
	Size (W×H×D)	mm	566×404×12.5	566×404×12.5	566×404×12.5
Shipping	Qty/Per 20'/40'/40'HQ		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.

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