



25 Ton Side Air Outlet

Specification

Nominal ton		(Ton)	25	25	25	
Model			APRGT-250CD-R1	APRGT-250ED-R1	APRGT-250HD-R1	
Power Supply		V,Ph,Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	
Cooling	Cooling Capacity (1)	Btu/h	300000	300000	300000	
		kW	87	87	87	
	Power Input(1)	kW	31.5	31.5	31.5	
		Cooling Capacity (2)	Btu/h	263000	263000	263000
			kW	77	77	77
Heating	Heating Capacity	Btu/h	-	133000	314000	
		kW	-	39	92	
	Power Input	kW	-	39	30	
Max. input consumption		kW	46.7	46.7	46.9	
Max. current		A	87.9	87.9	88.2	
Performance	Indoor fan air flow		CFM	10200	10200	
	ESP		Pa	170	170	
	EER 1		Btu/h/W	9.4	9.4	
	EER 2		Btu/h/W	7.1	7.1	
	COP		Btu/h/W	/	/	10.5
Indoor Coil	Number of rows			4	4	4
	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"		
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		Copeland	Copeland	Copeland	
	Capacity	Btu/h	155000x2	155000x2	155000x2	
	Refrigerant oil charge	ml	3000x2	3000x2	3000x2	
Outdoor Coil	Number of rows		3.5	3.5	3.5	
	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		Propeller	Propeller	Propeller	
	Quantity		2	2	2	
	Drive type		Direct	Direct	Direct	
	Motor quantity		2	2	2	
Refrigerant	Type		R22	R22	R22	
	Refrigerant volume	Kg	9.4x2	9.4x2	9.4x2	
	Refrigerant Control		Capillary	Capillary	Capillary	
Filter	Quantity		3	3	3	
	Size (W×H×D)	mm	964×640×12.5	964×640×12.5	964×640×12.5	
Shipping	Qty' Per 20'/40'/40'HQ	Pieces	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.