

Delta InfraSuite Precision Cooling

RowCool R Series 30/45 kW, Direct Expansion

Delta's R series uses high-efficiency DC inverter compressors and electronically Commuted (EC) Fans. Using Delta's best fuzzy control mode, the R series is the highly efficient, outstanding direct expansion (DX) type cooling product. Improving the high efficiency and power density of medium or small sized data center, and offering both convenience and easy maintenance, Delta's R series is the best choice for optimizing the total cost of ownership (TCO).



Technical Specifications

Model	R30	R45
Input Power	3-phase + N, 380-415 V, 50/60 Hz	
Total Capacity *	30 kW	45.6 kW
Sensible Capacity *	30 kW	45.5 kW
Rating Input Power	10.3 kW	15 kW
Fan Type	EC	
Reheater (optional)	Type	PTC
	Capacity	3 kW
Humidifier (optional)	Type	Wet membrane or electrode
	Capacity	3 kg/hr
Piping Connection	Top / Bottom	
Communication	RS-485 x 1, FE port, USB port, Dry contact	
User Interface	10" Touch panel	
Safety Certification	CE, RCM	
Dimensions (W x H x D)	300 x 2000 x 1090 mm	600 x 2000 x 1090 mm
Weight	Cooling	216 kg
	Cooling with reheater & wet membrane humidifier	220 kg
	Cooling with reheater & electrode humidifier	223 kg

* Capacity is measured at 40.6°C return air dry bulb, 21.6°C wet bulb and 35°C outdoor temperature.

Outdoor Unit

Model	R30 Condenser (RDA037)	R45 Condenser (RDA059)
Input Power	3-phase, 380-415 V, 50/60 Hz	
Fan	Type	Variable fan speed
	Number	1
Dimensions (W x H x D)	Up Flow 1725 x 1120 x 1100 mm	
Weight	110 kg	120 kg

All specifications are subject to change without prior notice.

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