

Delta InfraSuite Precision Cooling

CoolDoor 30/50kW, Rear Door Cooling

The Delta CoolDoor is a rear door cooling unit with EC fans designed for high power density racks and offering high reliability and energy efficiency. Combined with Delta's CDU or chiller, CoolDoor removes heat at its source without hot air going into the room. CoolDoor is compatible with various racks through its connect duct. It doesn't need an added footprint and raised floor to save valuable space and reduce the CAPEX of your data center. CoolDoor features a turbo boost function that helps to dissipate heat from an adjacent rack that may have issues. It is also equipped with a leakage detection function that provides an alarm notification to the user or automatically shuts down the water supply when a leakage is detected.

Delta is pleased to customize your CoolDoor units to provide the optimal products for your data center.



Technical Specifications

Model	D30 (RWC030)	D50 (RWC050)
Input Power	1-phase, 200-240V, 50/60Hz	
Total Capacity*	30kW	50kW
Sensible Heat Factor (SHF)	1	
Rating Input Power	0.56kW	0.66kW
Fan Type	EC	
Fan Quantity	4	
Air Flow	3605CFM	3885CFM
Water Flow	55LPM	90LPM
Valve	Two way valve (FC type)	
Piping Connection	Top / Bottom	
Pipe Size	1"	1 1/4"
Water Leakage Detector	Standard, 4m length	
User Interface	LCD screen with 4 LED indicators	
Complies With	UL 60335 , CE	
Dimensions (W x H x D)	600 x 1970 x 345mm (23.6 x 77.5 x 13.5in)	
Weight	90kg (198.4lb)	98kg (216lb)

* Conditions for rated capacity for D30 at return air 42°C (108°F), inlet water 12°C (54°F) and outlet water 20°C (68°F)

* Conditions for rated capacity for D50 at return air 50°C (122°F), inlet water 12°C (54°F) and outlet water 20°C (68°F)

All specifications are subject to change without prior notice.

Optional Items

- Air Pressure Control
- PICV Valve
- BACnet
- SNMP
- Inlet Water Solenoid Valve
- T/RH Sensor at Cold Aisle
- Flow Meter
- Quick Disconnect Couplings
- Dual Power Feed/ ATS

