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M Series Inrow

DX Precision Cooling

12KW-40KW



ION's M Series Inrow precision cooling units have been designed with the IT heat load in mind. With a compact foot print of 300mm in a 12kW up to 23kW unit and 600 mm in a 40kW solution. These units have been designed to prevent hot air recirculation improving cooling predictably for the diverse requirements for closet, server room, and data centre cooling. ION have created a product that is reliable, modular, easy to maintain and has a reduced Total Cost of Ownership.



M Series Inrow FEATURES

- 2 year warranty*
- Graphic display, including the running status and the temperature/humidity of the inlet/outlet air
- Standard RS485 port, optional SNMP, TCP/IP interfaces, and GPRS with SMS
- Savings of up to 20-30% energy consumption compared to traditional AC motor
- Automatic rotary speed according to cooling requirements and airflow pressure, and provide airflow as required
- Precise matching of cooling capacity and heat load

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Specifications

	MR012A	MR023A	MR040A
Input			
Cooling Capacity - kW	12	23	40
Nominal Input Voltage	415V 3Ph		
Input frequency	50 Hz		
Communications & Management			
Control panel	Multi-function LCD status and control console		
Audible Alarm	Audible and visible alarms prioritized by severity		
Physical			
Maximum Height (mm)	2000	2000	2000
Maximum Width (mm)	300	300	600
Maximum Depth (mm)	1000	1000	1000
Rack Height (RU)	42U	42U	42U
Net Weight (kg)	170	180	255
Colour	Black		
Units per Pallet	1		
Conformance			
Approvals	C-tick, CE, UL Listed		
Standard warranty	2 years (parts only), 2 year on-site repair or replace with factory authorized Start-Up*		
General			
Air Discharge Patterns	Horizontal		
Air Flow	2500	5000	8000
Compressor Type	Scroll		
Intake Air	Rear Return		
Air-Cooled Condenser			
Model	MRC16	MRC27	MRC55
Full Load Amps (FLA-A)	10.5	15.3	26.4
Operating Temperature Range (Standard)	-15 - 45 °C		
Operating Temperature Range (with Low-temperature Startup Kits)	-40 - 45 °C		
Physical			
Maximum Height (mm)	1280	1150	1950
Maximum Width (mm)	360	700	700
Maximum Depth (mm)	1260	1520	1520
Rack Height (RU)	125	190	270

*Product specifications are subject to change without further notice.

*2 year warranty on precision cooling products please refer to the ION website for more information.