

CM12

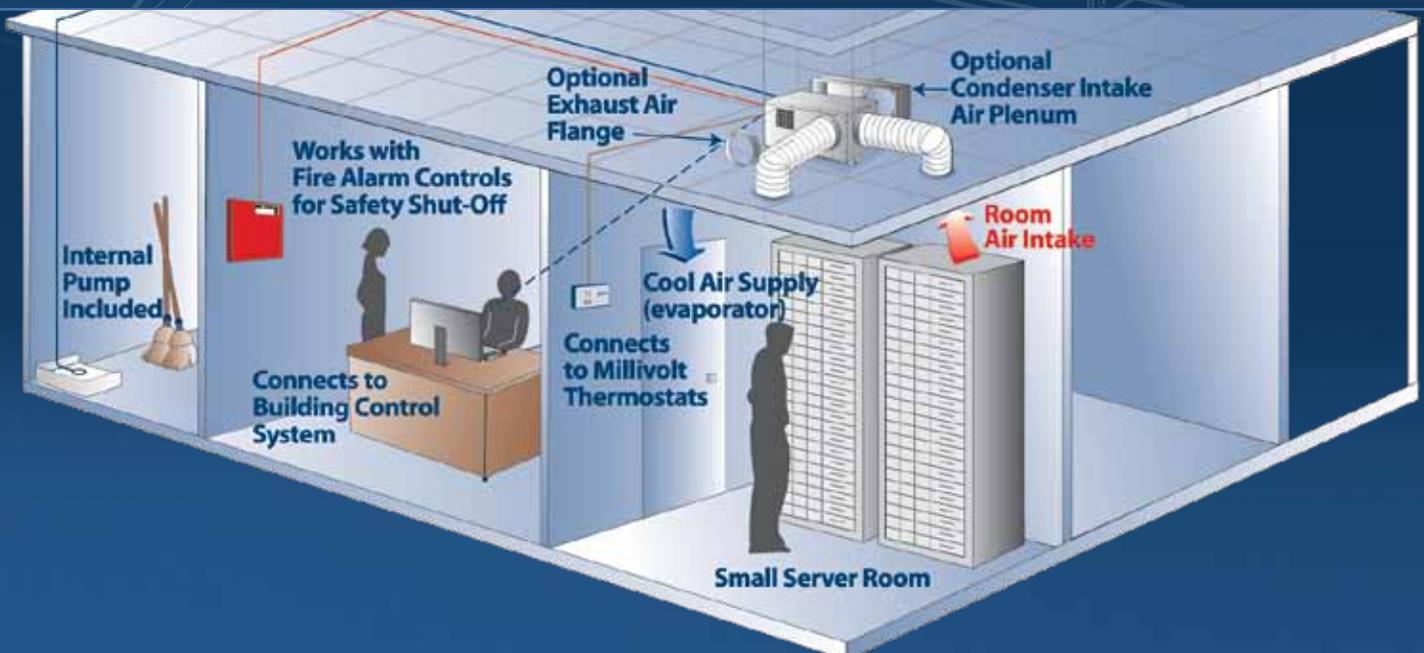
MOVINCOOL®
THE #1 SPOT COOLING SOLUTION

The latest line extension in the award-winning MovinCool line of spot coolers is the CM12, ceiling-mounted packaged air conditioner. Featuring the shortest top-to-bottom profile in the industry, the CM12 fits into virtually any drop-ceiling, making it the perfect cooling solution for server rooms with limited floor space.

Where It's Used

Small server rooms, telecom closets, off-season spot cooling, overhead spot cooling, supplemental cooling, hotels or anywhere floor space is limited.

- 10,500 Btu/h at:
80°F 50% RH (Evaporator)
95°F 40% RH (Condenser)
- 13,000 Btu/h at 95°F 60% RH
- 115V, 15 amps – no special electric required
- No floor space needed
- Can fit into tight ceiling spaces





TECHNICAL SPECS		CM12
Electronic Features	Operation Control	Electronic Millivolt Thermostat (Not Included)
Cooling Capacity	80°F 50% RH (Evaporator) 95°F 40% RH (Condenser)	10,500 Btu/h ^{1,2}
Electrical Characteristics	Voltage Requirements Total Power Consumption Current Consumption Recommended Fuse Size NEMA Plug Configuration Min. – Max. Voltage	1 Phase, 115V 1.23 kW ¹ 11.9 amps ¹ 15 amps N/A 105 - 125
Fans	Motor Output - high/low	0.04/0.013 kW (Evaporator) 0.1/0.025 kW (Condenser)
Evaporator	Fan Type Max. Air Flow - high/low Max. External Static Pressure	Centrifugal 324/228 CFM ¹ 0.16 IWG
Condenser	Fan Type Max. Air Flow - high/low Max. External Static Pressure	Centrifugal 700/370 CFM 0.12 IWG
Compressor	Type Output	Hermetic Rotary 0.89 kW
Refrigerant	Type	R-410A
Dimensions	W x D x H	35 x 23 x 15.5 in
Net Weight/Shipping Weight		128/141 lb
Power Cord	Gauge/Length	N/A / N/A
Condensate Tank Capacity		Auto Pump Included
Operating Conditions	Min. – Max. (@ 50% RH)	65° - 95°F (Evaporator) 65° - 113°F (Condenser)
Max. Equivalent Duct Length	Per Cold Duct Hose Hot Duct Hose	20 ft ³ 10 ft ³
Max. Sound Level	With Condenser - Duct high/low Without Condenser - Duct high/low	52 dB(A) N/A

¹ Measured with two 6 ft ducts with one 90° bend each, supply grill and return grill with filter (0.16 IWG external static pressure) (ducts not included)

² Ambient condition for rating: Evaporator: 80°F 50%RH / Condenser: 95°F 40%RH

³ Confirm pressure drop of duct, grills and filter with manufacturer's specifications (ducts not included)

