

# CM25

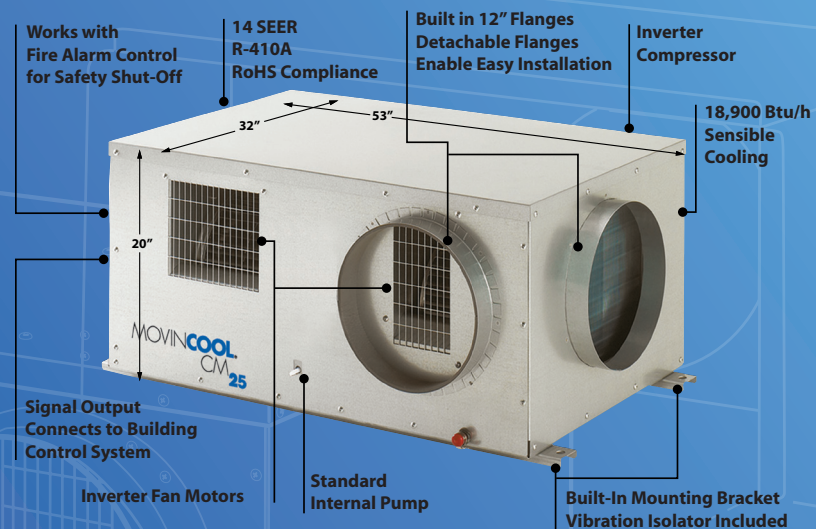
## Breakthrough High-capacity Cooling for Server Rooms

Based on breakthrough engineering technology, the MovinCool CM25 ceiling-mounted air conditioner offers a combination of features and benefits simply unavailable elsewhere on the market today.

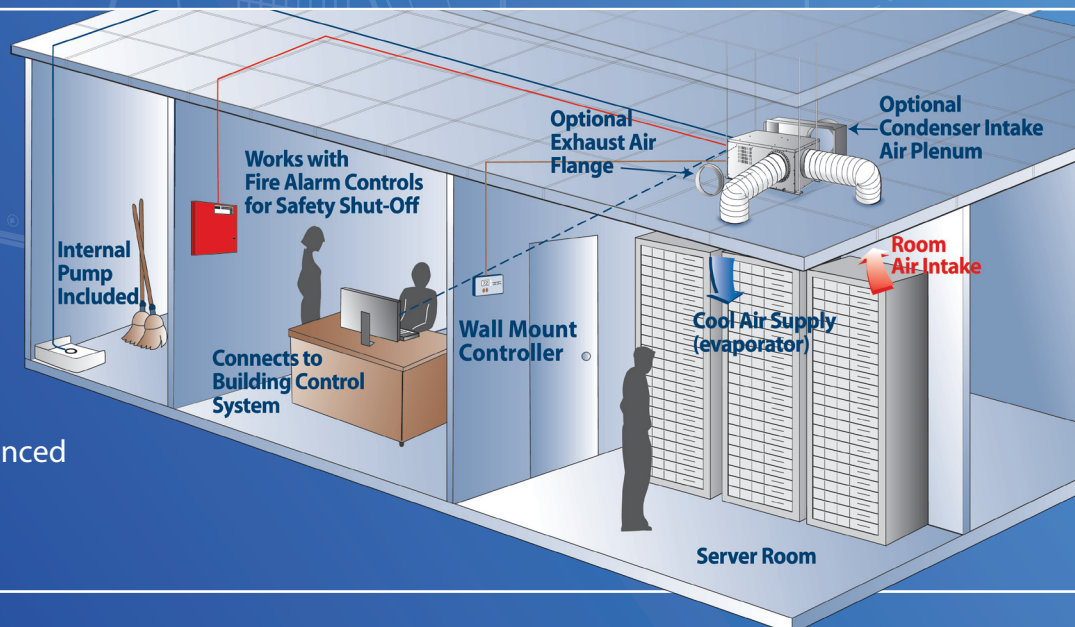
The compact, self-contained CM25 is specifically designed for server rooms and other spaces with high heat loads. The CM25 provides dedicated air conditioning that is essential in protecting heat sensitive equipment against costly damage. It offers a high, sensible cooling capacity, plus a 14 SEER rating, made possible by an energy-saving, variable-speed inverter compressor and inverter fan motors.

The CM25 comes standard with a state-of-the-art, wall-mounted controller that offers advanced communications, monitoring and self-diagnosis capabilities. Besides the unit's 14 SEER rating, additional green features include R-410A refrigerant and RoHS compliance.

The CM25 is only 20" high, so it can fit in tight spaces. A built-in mounting bracket, along with built-in flanges and vibration isolators, allows easy installation above a drop ceiling, using standard, off-the-shelf hardware. Its unique self-contained design also eliminates the need for refrigerant connections, further reducing installation costs.



- 25,000 Btu/h cooling capacity
- High sensible cooling – ideal for server rooms
- Environmentally-friendly design - 14 SEER, variable-speed compressor, R410A refrigerant & RoHS compliant
- Compact, self-contained unit is to install
- Wall mount controller offers advanced programmability and settings



**800.264.9573**

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## Technical Specs

## CM25

Electronic Features	Operation Control	Wall Mounted Controller with LCD Display Electronic
Electrical Characteristics	Voltage Requirement Recommended Fuse Size NEMA Plug Configuration Min. Max. Voltage	1 Phase, 208/230V 60 Hz 20 amps N/A 198-253
Cooling Capacity Evaporator: 80°F, 50%RH Condenser: 95°F, 50%RH	Total cooling capacity Sensible cooling capacity Power Consumption Current Consumption	25,000 Btu/h <sup>1</sup> 18,000 Btu/h <sup>1</sup> 2.90 kW <sup>1</sup> 12.6 amps <sup>1</sup>
Cooling Capacity Evaporator: 72°F, 50%RH Condenser: 95°F, 50%RH	Total cooling capacity Sensible cooling capacity Power Consumption Current Consumption	25,000 Btu/h <sup>1</sup> 18,900 Btu/h <sup>1</sup> 3.20 kW <sup>1</sup> 15 amps <sup>1</sup>
SEER		14 <sup>1</sup>
Evaporator	Fan Type Max. Air Flow - high/low Max. External Static Pressure	Centrifugal 950/800 CFM 0.6 IWG
Condenser	Fan Type Max. Ar Flow - high/low Max. External Static Pressure	Centrifugal 1,600/1,300 CFM 0.5 IWG
Compressor	Type Output	Hermetic Swing Inverter 1.38 kW @ 60 RPS
Refrigerant	R-410A	2.31 lbs
Dimensions (w/flange)	W x D x H	57 x 36 x 20 in
Net Weight/Shipping Weight		310/353 lbs
Power Cord	Gauge Length	N/A N/A
Condensate Tank Capacity		Auto Pump Included with a 4ft lift capacity
Operating Conditions	Min. Max. (@ 50% RH)	60°-95°F (Evaporator) <sup>1</sup> 50°-113°F (Condenser) <sup>1</sup>
Max. Duct Length	Per Cold Duct Hose HotDuct Hose	120 ft <sup>2</sup> 90 ft <sup>2</sup>
Max Sound Level	w/Condenser - Duct high/low wo/Condenser - Duct high/low	55 dB(A) NA/NA

<sup>1</sup> Measured with two 20 ft ducts with one 90° bend each, supply grill and return grill with filter (0.30 IWG external static pressure)

<sup>2</sup> Confirm pressure drop of duct, grills and filter with manufacturer's specifications (ducts not included)

\* Specification information shown with 230V.