MOVINCOOL



CM Series Ceiling-mounted Spot Cooling



Space-saving design for overhead installations.

When floor space is limited, the innovative CM series answers. Shortest top-to-bottom profile in the industry — can be installed in virtually any drop ceiling.

Key Features

- Models in two sizes to fit the cooling requirements of your space.
- Environmentally friendly — RoHS compliant.
- Built-in condensate pump — 4 ft. head for sufficient lift to drain line.
- Programmable for automatic operation.
- Great for areas where floor space is limited.

Ideal for . . .

Offices
Conference rooms
Hotels
Overhead Spot Cooling
Supplemental Cooling
Off-season Spot Cooling
Anywhere space is limited

Another line of quality products by DENSO.

DENSO

MOVINCOOL





CM Series Specifications

		CM12	CM25
Electronic Features	Operation	Millivolt Thermostat	Wall Mounted Controller
	Control	Electronic	Programmable
Electrical Characteristics	Voltage Requirement (60 Hz)	1 Phase, 115 V	1 Phase, 208/230 V
	Total Power Consumption	1.23 kW [1,2]	20 amps
	Current Consumption	11.9 amps [1,2]	N/A
	Recommended Fuse Size	15 amps	198 - 253 V
	NEMA Plug Configuration	N/A	
	Min. – Max. Voltage	105 - 125V	
Cooling Capacity and Power Consumption Evaporator: 80°F @ 50% RH Condenser: 95°F @ 50% RH	Total Cooling Capacity	10,500 Btu/h [1]	25,000 Btu/h [1]
	Sensible Cooling Capacity	7,200 Btu/h [1]	18,000 Btu/h [1]
	Power Consumption	1.23 kW [1]	2.90 kW [1]
	Current Consumption	11.2 amps [1]	12.6 amps [1]
Cooling Capacity and Power Consumption Evaporator: 72°F @ 50%RH Condenser: 95°F @ 50%RH	Total Cooling Capacity	9,300 Btu/h [1]	25,000 Btu/h [1]
	Sensible Cooling Capacity	7,000 Btu/h [1]	18,900 Btu/h [1]
	Power Consumption	1.22 kW [1]	3.20 kW [1]
	Current Consumption	11 amps [1]	15 amps [1]
Fans	Motor Output	0.04/0.013 kW Evaporator 0.1/0.025 kW Condenser	
Evaporator	Fan Type	Centrifugal	Centrifugal
	Max. Air Flow - High/Low	324/228 CFM [1]	950/800 CFM
	Max. External Static Pressure	0.16 IWG	0.6 IWG
Condenser	Fan Type	Centrifugal	Centrifugal
	Max. Air Flow - High/Low	700/370 CFM	1600/1300 CFM
	Max. External Static Pressure	0.12 IWG	0.5 IWG
Compressor	Type	Hermetic Rotary	Hermetic Swing Inverter
	Output	0.89 kW	1.38 kW @ 60 RPS
Refrigerant	Type / Pre-charged Amount	R-410A / 1.14 lb	R-410A / 2.31 lb
Dimensions	W x D x H (with Flange)	35 x 23 x 16 in	57 x 36 x 20 in
	W x D x H (without Flange)	32 x 20 x 15.2 in	53 x 32 x 20 in
Net Weight/Shipping Weight		128/141 lb	310/353 lb
Power Cord	Gauge	N/A	N/A
	Length	N/A	N/A
Condensate Pump Capacity	Pump Rate	5 gal/h	5 gal/h
	Head	4 ft	4 ft.
Operating Conditions	Min. – Max. @ 50% RH	65° – 95°F Evaporator [1] 65° – 113°F Condenser [1]	60° – 95°F Evaporator [1] 50° – 113°F Condenser [1]
Max. Duct Length	Per Cold Duct Hose	20 ft [2]	120 ft [2]
	Hot Duct Hose	10 ft [2]	90 ft [2]
Max. Sound Level	With Condenser Duct	52 dB(A)	55 dB(A)
	Without Condenser Duct	N/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] Confirm pressure drop of duct, grills and filter with manufacturer's specifications (ducts not included)

All specifications subject to change without notice. All models come with a standard warranty covering the entire unit and compressor for 12 months. Visit MovinCool.com/warranty for details on MovinCool's industry-best free Extended Warranty Program which includes three (3) years for both parts and labor on portable units.

DENSO Products and Services Americas, Inc.
3900 Via Oro Avenue | Long Beach CA 90810 USA
800-264-9573 | MovinCool.com

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