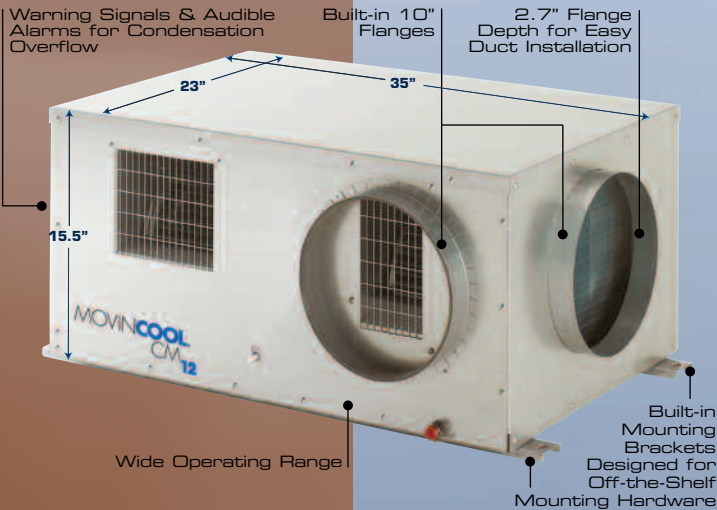


MOVINCOOL®

THE #1 SPOT COOLING SOLUTION

CM 12

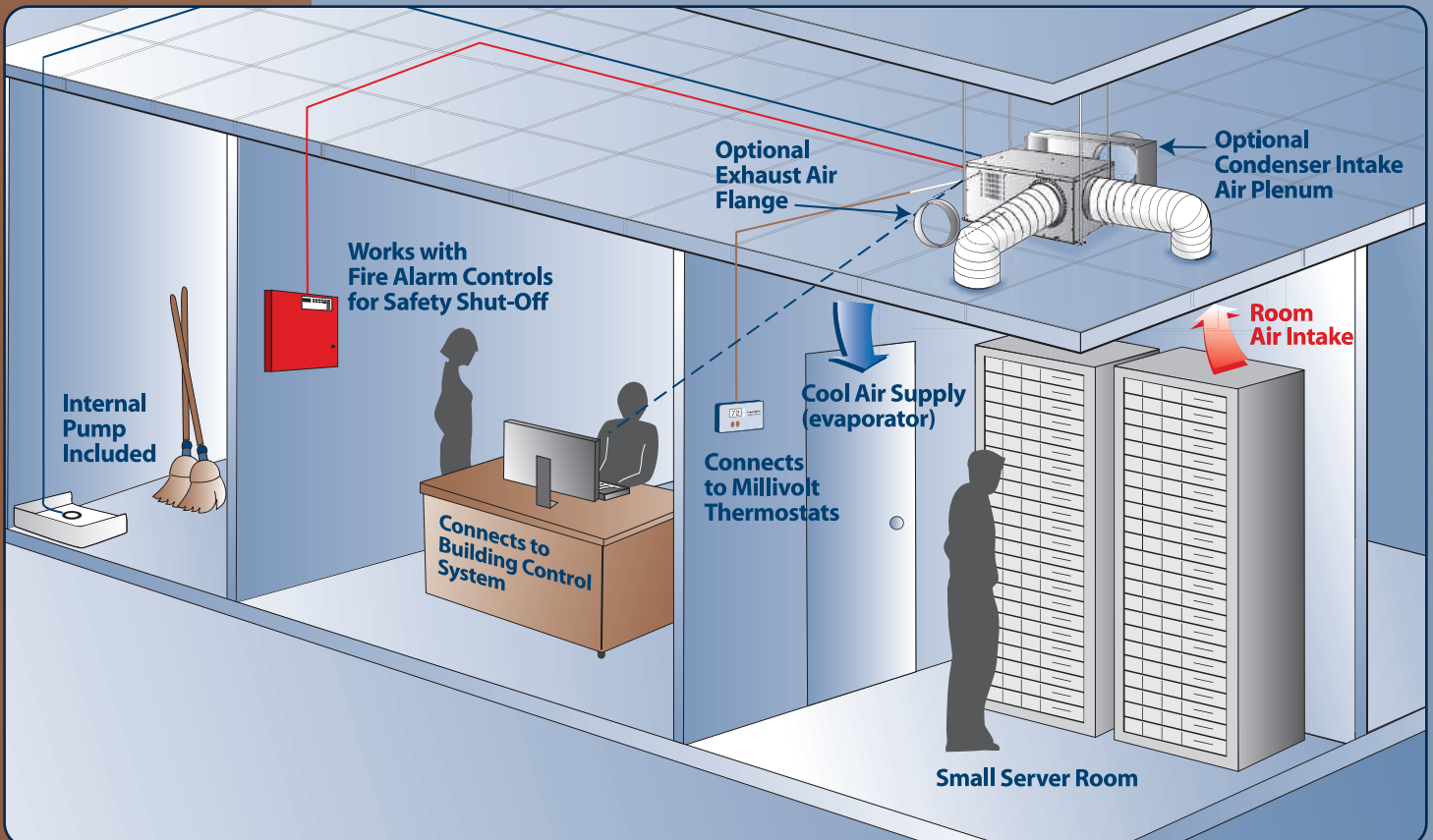
The latest line extension in the award-winning MovinCool line of spot coolers is the CM12, ceiling-mounted packaged air conditioner. Featuring the shortest top-to-bottom profile in the industry, the CM12 fits into virtually any drop-ceiling, making it the perfect cooling solution for server rooms with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



- 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

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





DENSO SALES CALIFORNIA, Inc. 3900 Via Oro Ave, Long Beach, CA 90810

| Technical Specs | | CM12 |
|------------------------------------|--|---|
| Electronic Features | Control Panel Thermostat Control | 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 Min. - Max. Voltage | 1 Phase, 115V 1.23 kW ^{1,2} 11.9 amps ^{1,2} 15 amps 105 - 125 |
| Fans | Motor Output (Evaporator) - high/low Motor Output (Condenser) - high/low | 0.04/0.013 kW 0.1/0.025 kW |
| Evaporator | Fan Type Max. Air Flow - high/low (with two 6 ft duct with one 90° bend each, supply grill and return grill with filter) 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 | R-22 Charge | 1.14 lb |
| Dimensions | W x D x H | 35 x 23 x 15.5 in |
| Net Weight/Shipping Weight | | 121/140 lb |
| Condensate Pump Capacity | Pump Rate Head | 5 gal/hr 4 ft |
| Operating Conditions | Min. - Max. (@ 50% RH) | 65 - 95°F (Evaporator) ^{1,3} 65 - 113°F (Condenser) ^{1,3} |
| Max. Equivalent Duct Length | Cold Duct Hose Hot Duct Hose | 20 ft ⁴ 10 ft ⁴ |
| Max. Sound Level | Under Ceiling Tile | 52 dB |

¹Measured 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)

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

³When ambient temperature is lower than 65°F, operation may interrupt due to anti-freeze protection activation

⁴Confirm pressure drop of duct, grills and filter with manufacturer's specifications (ducts not included)