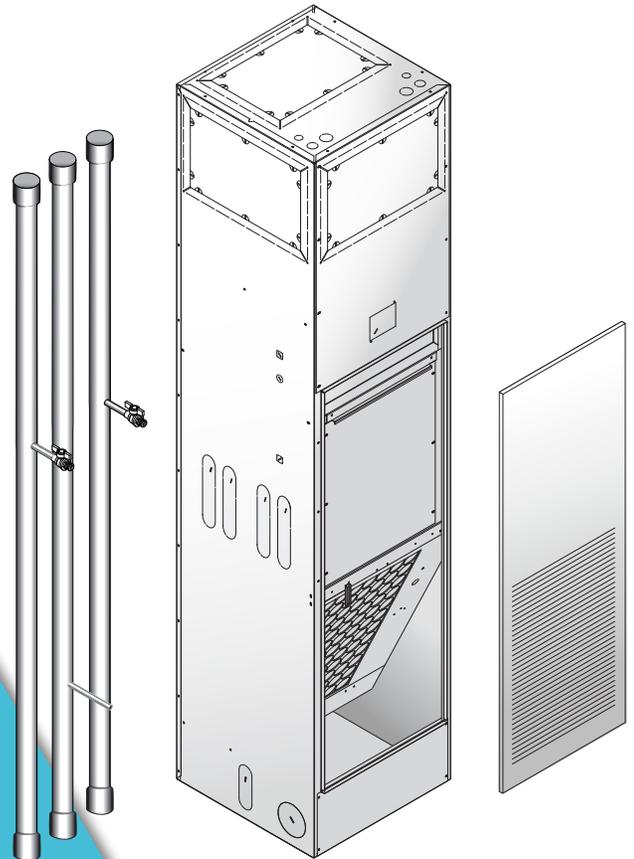




UMOD Quick Ship Series

**MUY CONCEALED
UNIVERSAL
MODULAR HI-RISE**

300 CFM TO 1200 CFM



The Concealed MUY fan coil unit is designed for concealed applications in corners or along room walls. IEC's unique design utilizes laser cut knock-outs so that installers can easily field configure each unit to the desired configuration. Once installed, only the thermostat control, supply air grille and decorative return air panel of the unit are visible in the room. Removal of the return air panel provides easy access to all internal components. Standard units are provided with a galvanized finish on the cabinet and an arctic white powdercoat paint finish on the return air panel. Supply air grilles are provided with arctic white powder-coat or anodized aluminum finish.

UMOD

QUICK SHIP SERIES

UMOD Universal Modular Hi-Rise Units
Shipped from the Factory in just 3 Weeks!

IEC's innovative UMOD (Universal Modular on Demand) Quick-Ship Program means no more costly delivery or installation-related delays.

Versatility In Design and Installation

IEC's MUY fan coil systems offer unit arrangement versatility, made possible as a factory-assembled and integrated package. They are designed to be of low visual impact in the room, often positioned in a corner, along the perimeter wall or as part of a partition separating two areas.

The MUY fan coil was designed for new construction and the retrofit/replacement markets. These units can easily be field configured into most conventional applications. Riser and condensate drain knockouts have been strategically located on three sides of each unit for field configuration. Supply air knock-outs are located on 4 sides of the unit as well as the top of the unit (for ducted applications). Outside air knock-outs are located on each side of the return air opening. All risers ship separately from units so contractors can preinstall the riser system earlier in the construction cycle and complete riser testing prior to installation of the units.

Application Fit

- Concealed cabinets with multiple airflow configurations provide solutions for most applications.
- Return air panel blends with most décors.
- Thermostat available as surface or remote wall mounted for ease of interface.
- Units are specifically designed for quiet operation.

Design Flexibility

- Easy to use computer rating program to speed up project design.
- Wide variety of coil configurations to match the heating and cooling loads of the space.

Ease of Installation

- Units assembled at the factory in coordination with the jobsite construction schedule.
- Riser length is matched to the job specifications and pre-fabricated with the specified material. Risers are shipped separately.
- Risers are swaged to reduce field brazing labor.
- Drywall can be applied directly to the surface of the concealed unit with factory provided duct collars and drywall stops to ensure a high quality finished appearance.

Ease of Service

- Filters are easily accessible by removing the return air panel.
- Motor and blower assemblies are removable with quick-connect plug and fasteners.
- Control box at eye level for ease of field wiring and easy access.

Quality and Safety

- Every unit tested and inspected at the factory for trouble free start-up.
- ETL listed
- AHRI certified

UMOD Quick-Ship Features:

1. Nominal Sizes: 300, 400, 600, 800, 1000, 1200 CFM
2. Cabinet dimensions:
 - a. 17" x 17" x 88" (03/04)
 - b. 20" x 20" x 88" (06/08)
 - c. 24" x 24" x 88" (10/12)
3. Risers knockouts on (4 per side) 3 sides
4. Drain knockouts (1 per side) on 3 sides
5. Supply air knockouts on 4 sides and top
6. Outside air knockouts on each side of the return air opening
7. Electrical knockouts
8. 115 / 277V PSC or ECM Motor options
9. Risers ship in the same container as the unit
10. 24V non-programmable thermostat ships loose for field installation.
Unit-mounted kit including tile ring and hardware comes with each unit.
11. Arctic white return air panel
12. 1" throwaway or 1" MERV 8 filter options
13. 1/2" fiberglass insulation
14. 2-pipe and 4-pipe coil and valve options
15. Supply air grille options

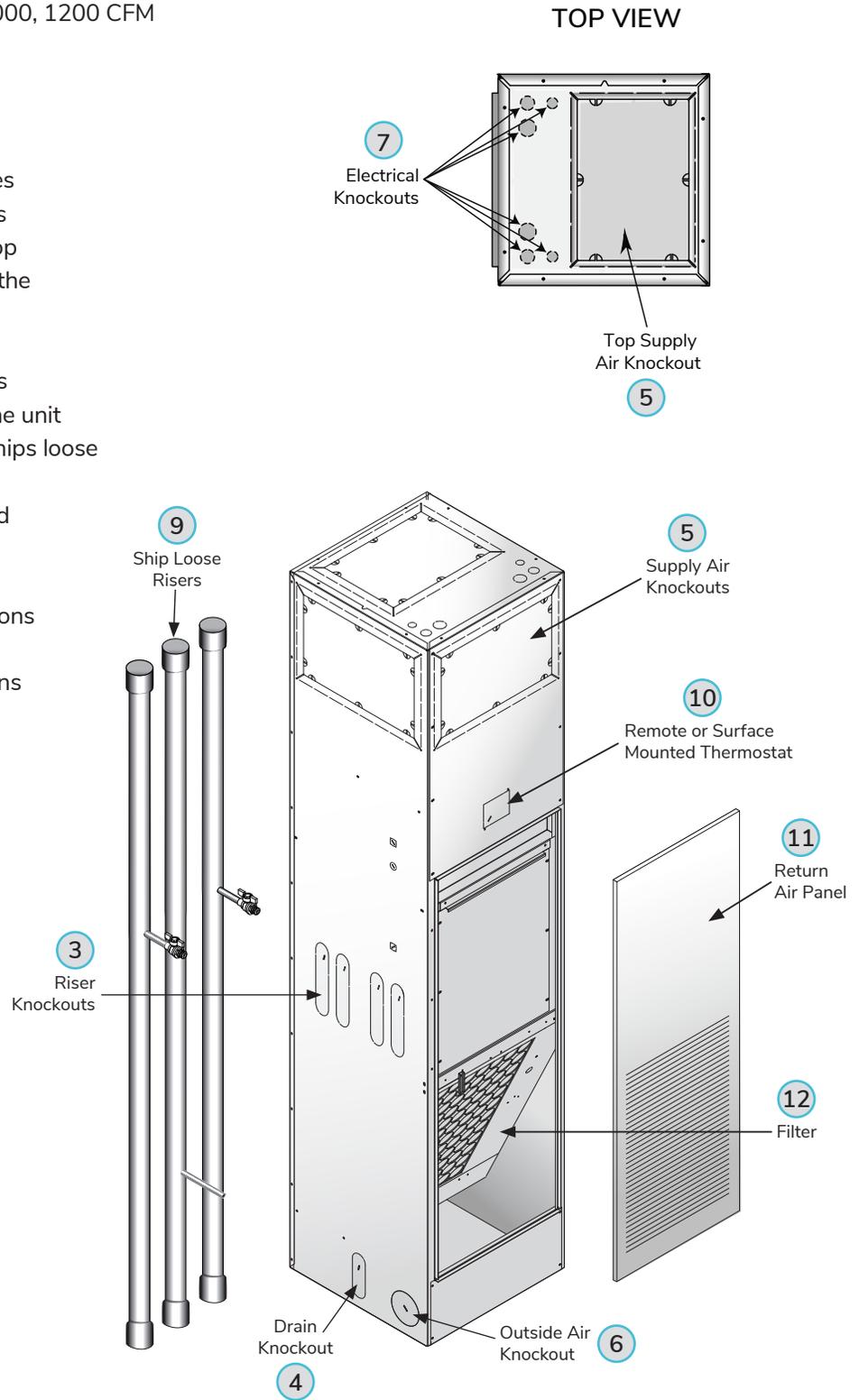
Market Applications:



Hospitality

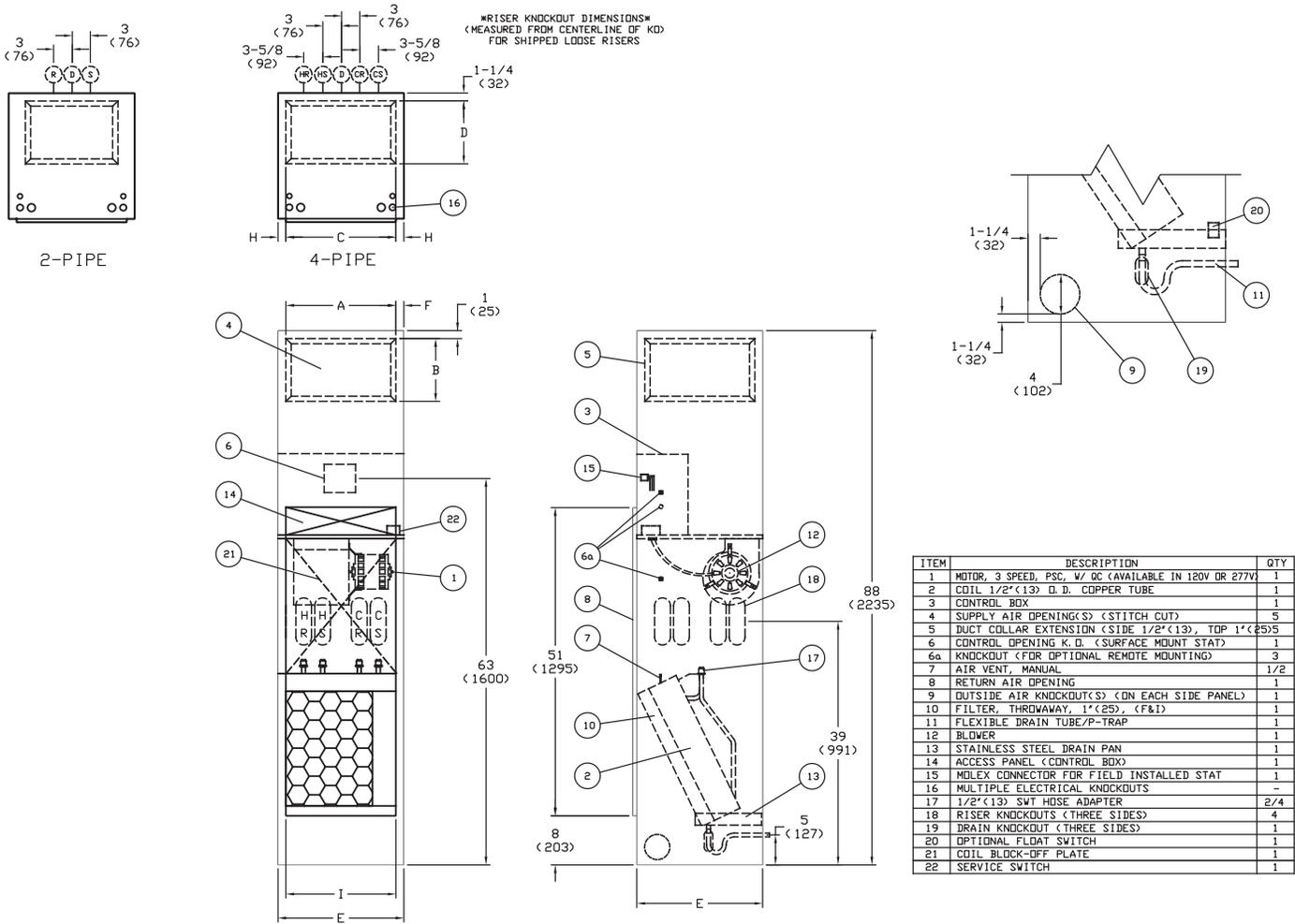


Multi-family Residential



UMOD QUICK SHIP SERIES

MUY – Universal Modular Hi-Rise Concealed



Unit Model	Dimension - Inches (Millimeters) ¹								Connections		Unit Weight ²
	Side Supply		Top Supply		E	F	H	I	Coil	Drain	
	A	B	C	D							
MUY 03	14 (356)	12 (305)	14 (356)	10 (254)	17 (432)	1-1/2 (38)	1-1/2 (38)	14 (356)	1/2" (13) SWT x Hose Adapter	7/8" (22) ID EPDM Tube	180 (82)
MUY 04											225 (102)
MUY 06	18 (457)	12 (305)	16 (406)	12 (305)	20 (508)	1 (25)	2 (51)	18 (457)			240 (109)
MUY 08											260 (118)
MUY 10	22 (559)	16 (406)	18 (457)	16 (406)	24 (610)	1 (25)	3 (76)	22 (559)			280 (127)
MUY 12									305 (138)		

- NOTES:**
- A. Units are fabricated of galvanized steel with a 16 GA galvanized fan deck.
 - B. Thermostats are shipped loose for field installation.
 - C. Blower, motor, valves, coil, and filter are accessible through the return air opening.
 - D. Unit and control box are insulated with 1/2" (13) coated glass fiber insulation.
 - E. All risers will ship separately from units.
 - F. Drain knock-outs on three sides of cabinet.
 - G. Hoses ship with unit.
 - H. Threaded fittings must be field tightened and leak tested.
 - I. Dimensions are in inches, dimensions in () are in mm.
 - J. Hose kits not shown.
 - K. Return air panel not shown.

Contact your local IEC Sales Representative for further details and pricing applicable to this product. Visit our website (iec-okc.com) to find your local IEC Sales Rep.

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