

For: ☐ File ☐ Resubmit ☐ Approval ☐ Other _____

M3642C**-B**1/E**1

3.5-ton SDHV Modular Refrigerant Heat Pump and Air-conditioning Coil

Job Name:	Location:
Date:	Tag #:
Architect:	Engineer:
Mechanical:	Distributor:
Rep:	
(Company)	(Project Manager)



Features

- Modular construction
- Multiple configurations
- Use as cooling only or heat pump
- Painted options available
- Enhanced Aluminum fins
- Copper tubes
- Stainless steel drain pan
- Includes:
 - R454B/R32 sensor and mitigation control
 - EZ trap (shipped loose)
 - Anti-frost switch

Matching Modules

M3642B**-EC*
M3642V
M3642R

Indoor Unit Size

3642

Operating Range

Nominal Capacity	3.5-ton (12.3 kW)
Airflow Range	300 to 1200 CFM (510 to 2039 m³/h)

Optional Accessories

- ☐ Hot water coil heating module (M3642CL1-H)
- ☐ Return air module with filter (M3642R1)
- ☐ Vertical base module with filter (M3642V2)
- ☐ Secondary drain pan, 2 module (UPC-24B)
- ☐ Secondary drain pan, 3 module (UPC-24C)
- ☐ Supply duct adapter, round (UPC-61-3642)
- ☐ Supply duct adapter, square (UPC-62-3642)
- ☐ Return adapter (UPC-104-3642)

Notes:

1. All wiring and piping must comply with applicable local and national code.
2. Refer to installation manual for more information.
3. Refer to AHRI directory for compatible outdoor match and rated performance.
4. TXV is not included with A2L units

General Data:

Compatible Outdoor unit nominal capacity	3.0 to 4.0-ton* (10.5 to 14.0 kW)
Rated performance	see AHRI directory**
Net coil face area	3.48 ft² (0.32 m²)
Tube diameter	3/8 in. (9.52 mm)
Number of rows	4 (B) 6 (E)
Fin density	14/in. (551/m) (B) 15.5/in. (610/m) (E)
Design pressure	500 psig (3.45 MPa)
Refrigerant type	R454B / R32
Suction line size	7/8 in. (22.2 mm) OD
Liquid line size	3/8 in. (9.52 mm) OD
Drain size	3/4" FPT
Net unit weight	60 lbs. (27 kg)
Shipping Weight	78 lbs. (36 kg)
Dimensions (H x W x D)	17.5 x 38 x 14 in. (445 x 965 x 349 mm)

** www.ahridirectory.org

Model Number Key (available models):

M	3642	C	L	1	-	E	0	0	1
Model Series	Nominal Capacity	Module Type	Configuration	Revision		Style	Paint Options	Coil Coating	Refrigerant Type
M = Modular	3642 = 36000 to 42000 Btu/hr	C = Coil	L = Left R = Right			B = 4 rows E = 6 rows BA = 4 row, Aluminum-tube	0 = No paint 1 = Paint White T = Technicote	0 = No coating C = E-Coated	1 = A2L

Note – for continuous product improvement, Unico reserves the right to change specifications without notice.

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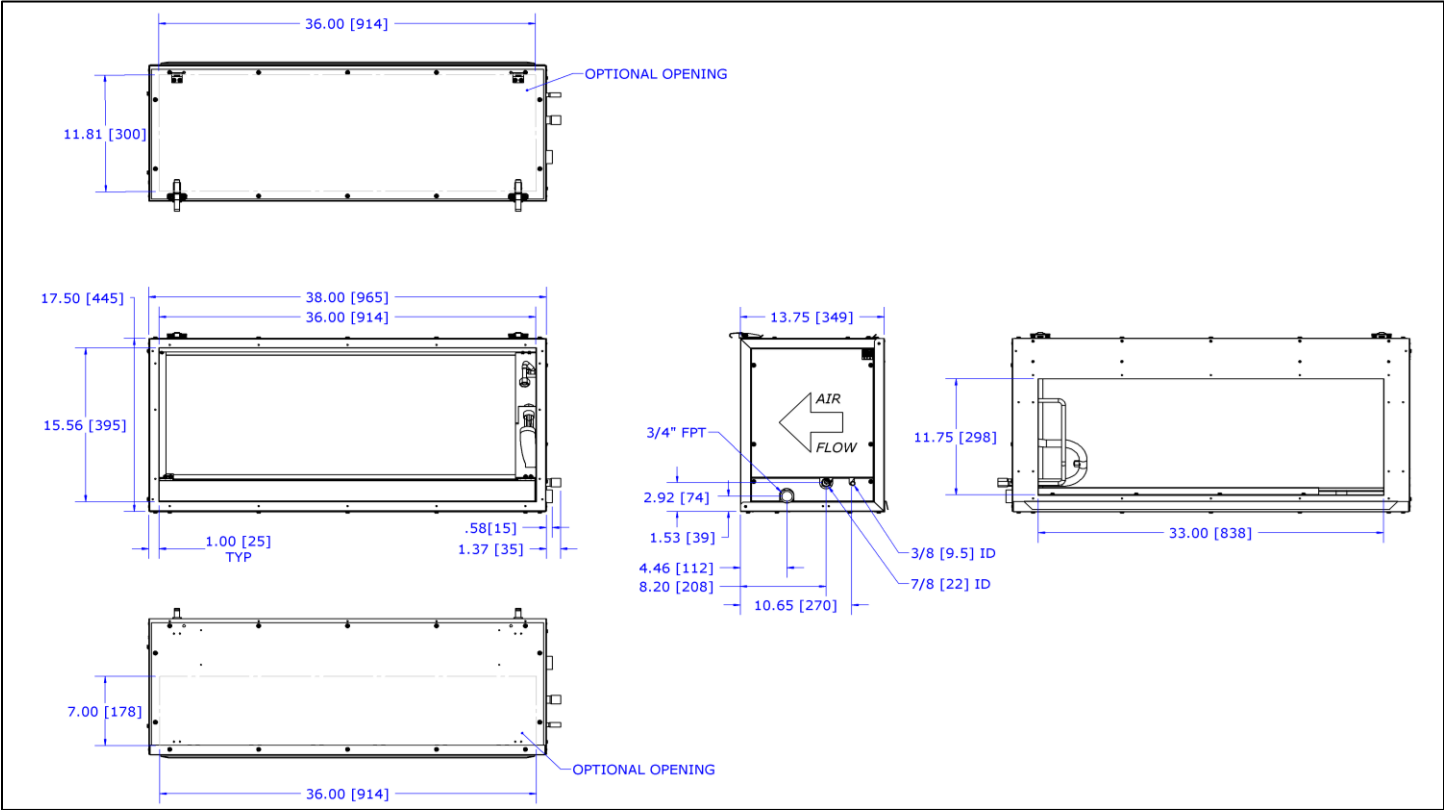
Job Name:

Location:

Date:

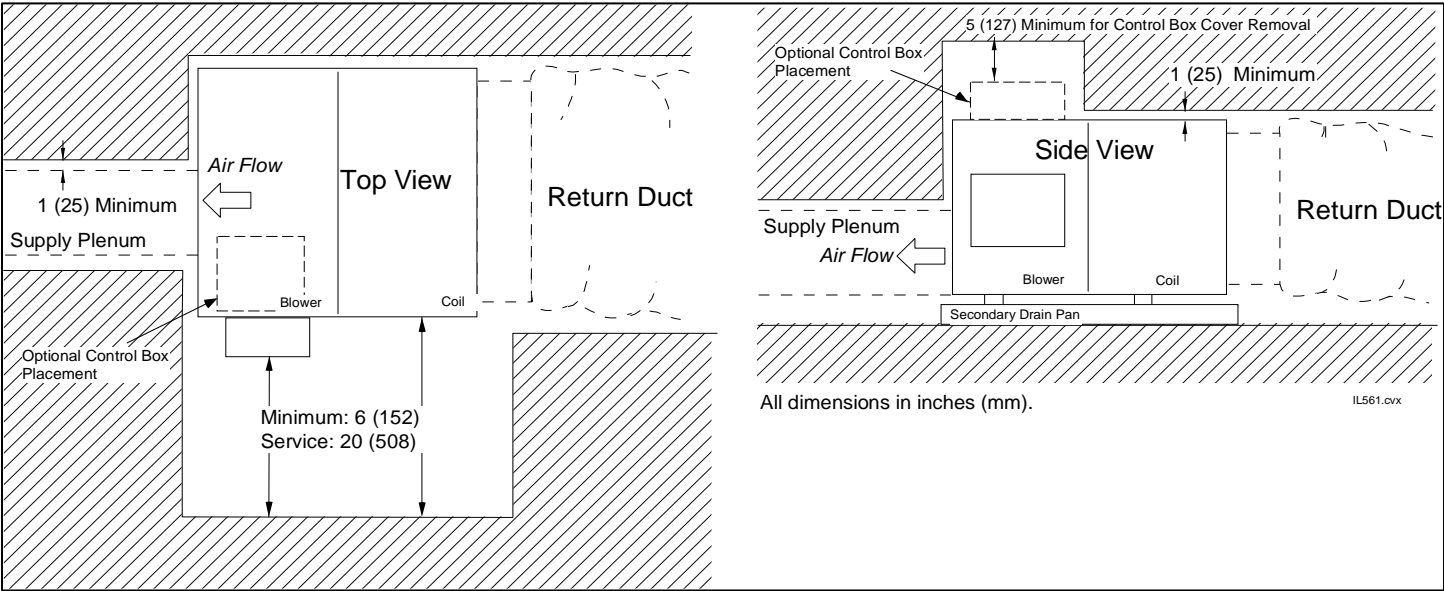
Tag #:

REFRIGERANT COIL MODULE DIMENSIONS (LEFT HAND)



* Contact Unico for dimensions of assembled modules or for right hand dimensions

Installation Clearances



Unico, Inc.

<http://unicosystem.com>

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