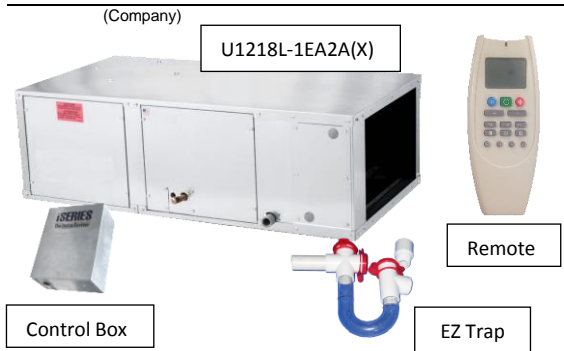


For: File Resubmit Approval Other _____

U1218L-1EA2A(H) 1.5-Ton SDHV Air Handler (Blower-Coil)

iSERIES

Job Name:	Location:
Date:	Tag #:
Architect:	Engineer:
Mechanical:	Distributor:
Rep:	



Features

- Multiple configurations (horizontal or vertical upflow)
- EC Motor (variable speed)
- High system efficiency
- Wide outdoor temperature range
- Compatible with Third-party Thermostats
- Compatible with 2-zone damper systems
- Auxiliary heat (boiler) changeover
- Secondary heat (electric furnace) option
- Includes clear PVC condensate trap

Compatible Outdoor Unit
IS18G050
IS24G065
IS30G080
IS36G110

Indoor Unit
B

Performance (min – nominal – max):

Cooling Capacity	2,700 – 12,000 – 14,000 Btu/hr (0.8 – 3.5 – 4.1 kW)
Heating Capacity	3,200 – 13,000 – 16,000 Btu/hr (0.9 – 3.8 – 4.7 kW)

Cooling Nominal Test Conditions: 80°F DB/67°F WB Indoor, 95°F DB Outdoor
 Heating Nominal Test Conditions: 70°F DB Indoor, 47°F DB/43°F WB Outdoor
 Refer to AHRI Directory for certified ratings

Operating Range, Indoor Temperature:

Cooling: DB	50 to 90° F (10 to 32°C)
WB	DB17 to 73°F (6 to 23°C)
Heating: DB	41 to 91°F (5 to 27°C)

DB=Dry Bulb Temperature, WB=Wet Bulb Temperature

Piping:

Liquid line O.D.	1/4 in. (6.35 mm)
Vapor line O.D.	1/2 in. (12.7 mm)
Connection method	Flared
Drain	1/2 in. FNPT

O.D.=Outside diameter FNPT=female national pipe taper thread

Electrical:

Power Supply (V, Hz, Ph)	208-230, 50/60, 1
Full Load Current	3.2 A
Starting current	N/A
Min. Circuit Ampacity	4.0 A
Max. Overcurrent Protection	15 A
Allowable Breaker Sizes	15 A

General Data:

Refrigerant type	R-410A
Factory charge	none
Fan motor type	1/2 hp ECM
Fan Speeds	Ventilation-Low-High
Airflow	200-300-400 CFM (340-510-680 m³/h)
Sound Pressure (high)	56 dB(A)
Net unit weight	84 lbs. (38 kg)
Shipping Weight	93 lbs. (42 kg)

Optional Accessories:

- Mounting rails (UPC-95)
- iSeries Remote Control Thermostat & IR Recvr (A1967-K01)
- Control box extension cable, 98" (A01525-G02)
- Hot water heating coil (HW-1218)
- Secondary drain pan (UPC-94)
- Supply adapter, round (UPC-61-1218)
- Supply adapter, square (UPC-62-1218)
- Return adapter (UPC-104-1218)
- Return adapter with filter (UPC-105-1218)

Notes:

1. Absolute operating voltage range: 198 to 253V.
2. Communication cable: min. 18 AWG 2-conductor, shielded with drain wire.
3. All wiring and piping must comply with applicable local and national code.
4. Refer to installation manual for more information.
5. Condensate trap includes 3/4 Socket x 1/2 MPT adapter

Model Number Key:

U	1218	L	1	-	EA2A	X
Model Series	Matching ODU Nominal Capacity	Configuration	Revision		Motor/Coil Style	Heating Coil
U = Unitary	1218 = 12000 to 18000 Btu/hr	L = Left R = Right B = Both			EA2 = 208 – 230 V A = 4 rows, without R410A TXV	X = None H = Hot Water Coil

ODU = Outdoor Unit

U1218L-1EA2A(H)

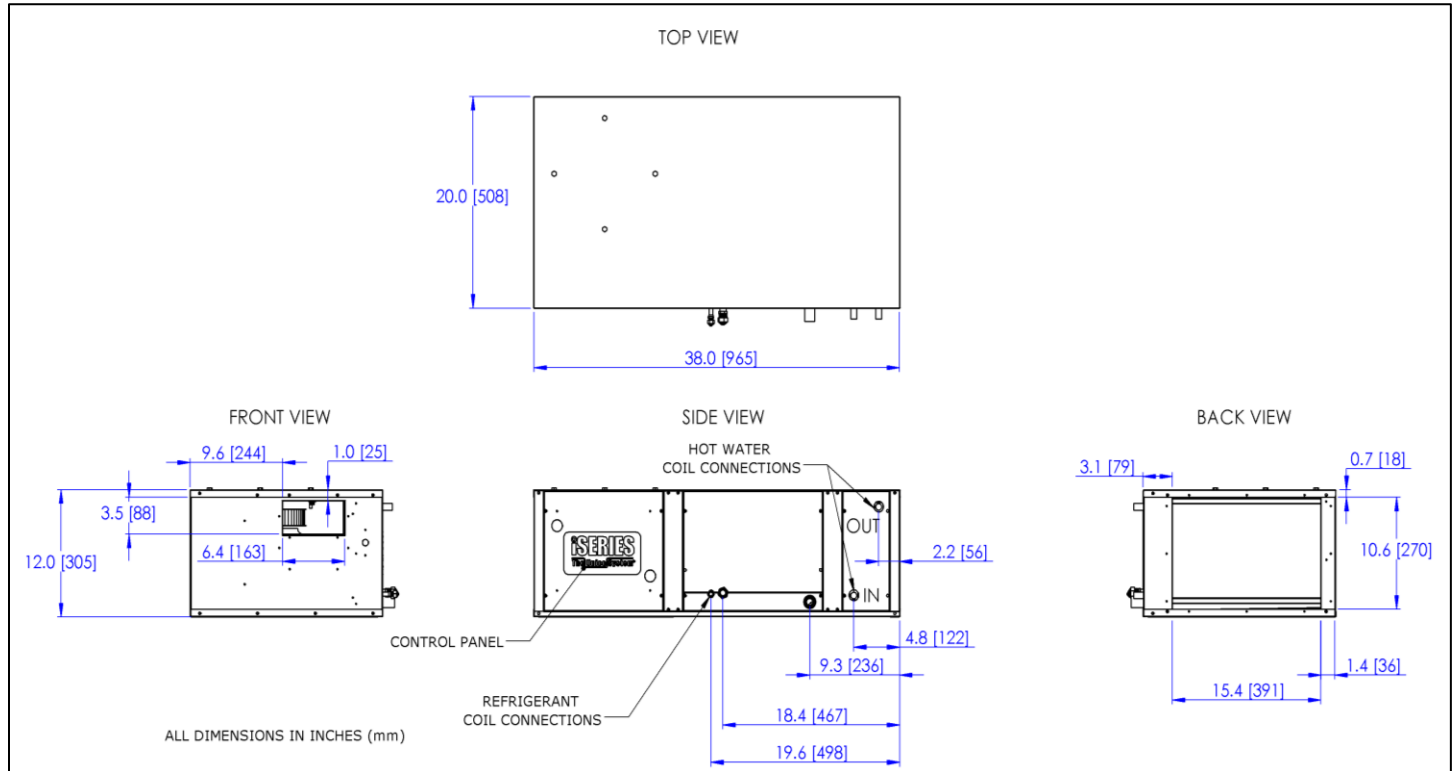
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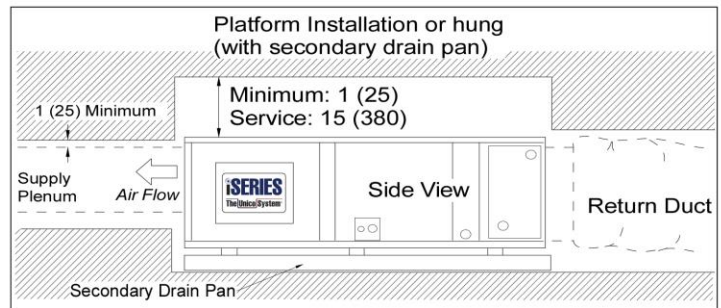
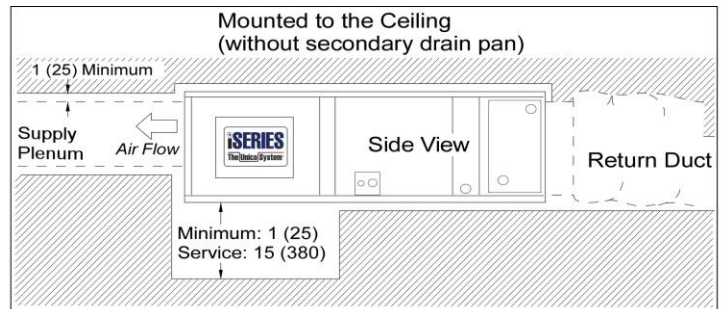
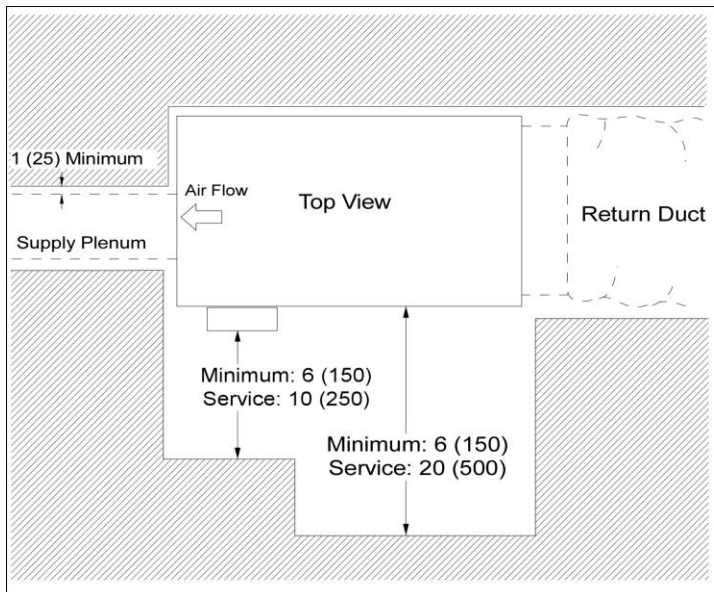
Tag #:

DIMENSIONS (Horizontal configuration)



* Contact Unico for dimensions for other configurations, such as vertical.

Installation Clearances



Unico, Inc.
<http://tech.unicosystem.com>
 314-481-9000
 800-527-0896
sales@unicosystem.com

