

For: File Resubmit Approval Other _____

M2430BL1-ST2

2.5-ton SDHV Modular Single Speed Air Handler (Blower)

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

(Company)

(Project Manager)



M2430BL1-ST2

Control Box

Features

- Modular construction
- Multiple configurations
- Right-Handed and Painted options available
- Single Speed Motor (PSC)
- Easy service motor/blower
- Adjustable constant ventilation mode

Matching Modules

M2430CL1-B
M2430CL1-E
M2430CL1-C
M2430CL1-H
M2430V*
M2430R1

Indoor Unit Size

2430

Operating Range:

Nominal Airflow	600 CFM (1019 m ³ /h)
Static pressure at nominal airflow	1.5 in. w.c. (373 Pa)

General Data:

Blower wheel diameter	9.5 in. (241 mm)
Blower wheel width	3.75 in. (95 mm)
Fan motor type	PSC
Fan motor size	1/2 hp (373 W)
Motor Speed	1625 RPM
Maximum air temperature over motor	160 °F (71.1 °C)
Supply duct size, minimum	7 in. (178 mm)
Sound Pressure Level*	56 dB(A) NC-50
Net unit weight	52 lbs. (24 kg)
Shipping Weight	57 lbs. (26 kg)
Dimensions (H x W x D)	17.5 x 25 x 13.75 in. (445 x 635 x 349 mm)

* Measured 3 ft (1 m) from unit

Electrical:

Power Supply (Hz, Ph)	60, 1
Voltage	208/240
Motor Capacitor	10 µF
Full Load Current	3.0 A
Starting Current (@ 60Hz, 230V)	8.5 A
Min. Circuit Ampacity	3.8 A
Max. Overcurrent Protection	15 A
Allowable Breaker Sizes	15 A

Optional Accessories:

- Hot water coil heating module (M2430CL1-H)
- Return air module with filter (M2430R1)
- Vertical base module with filter (M2430V*)
- Secondary drain pan, 2 module (UPC-20B)
- Secondary drain pan, 3 module (UPC-20C)
- Supply duct adapter, round (UPC-61-2430)
- Supply duct adapter, square (UPC-62-2430)
- Return adapter (UPC-104-2430)

Notes:

1. Absolute operating voltage range: 198 to 253V.
2. All wiring and piping must comply with applicable local and national code.
3. Refer to installation manual for more information.

Model Number Key:

M	2430	B	L	1	-	ST2	1
Model Series	Matching ODU Nominal Capacity	Module Type	Configuration	Revision		Motor Style	Options
M = Modular	2430 = 24000 to 30000 Btu/hr	B = Blower	L = Left R = Right			ST2 = 208 – 230V	1 = Paint White

ODU = Outdoor Unit

M2430BL1-ST2

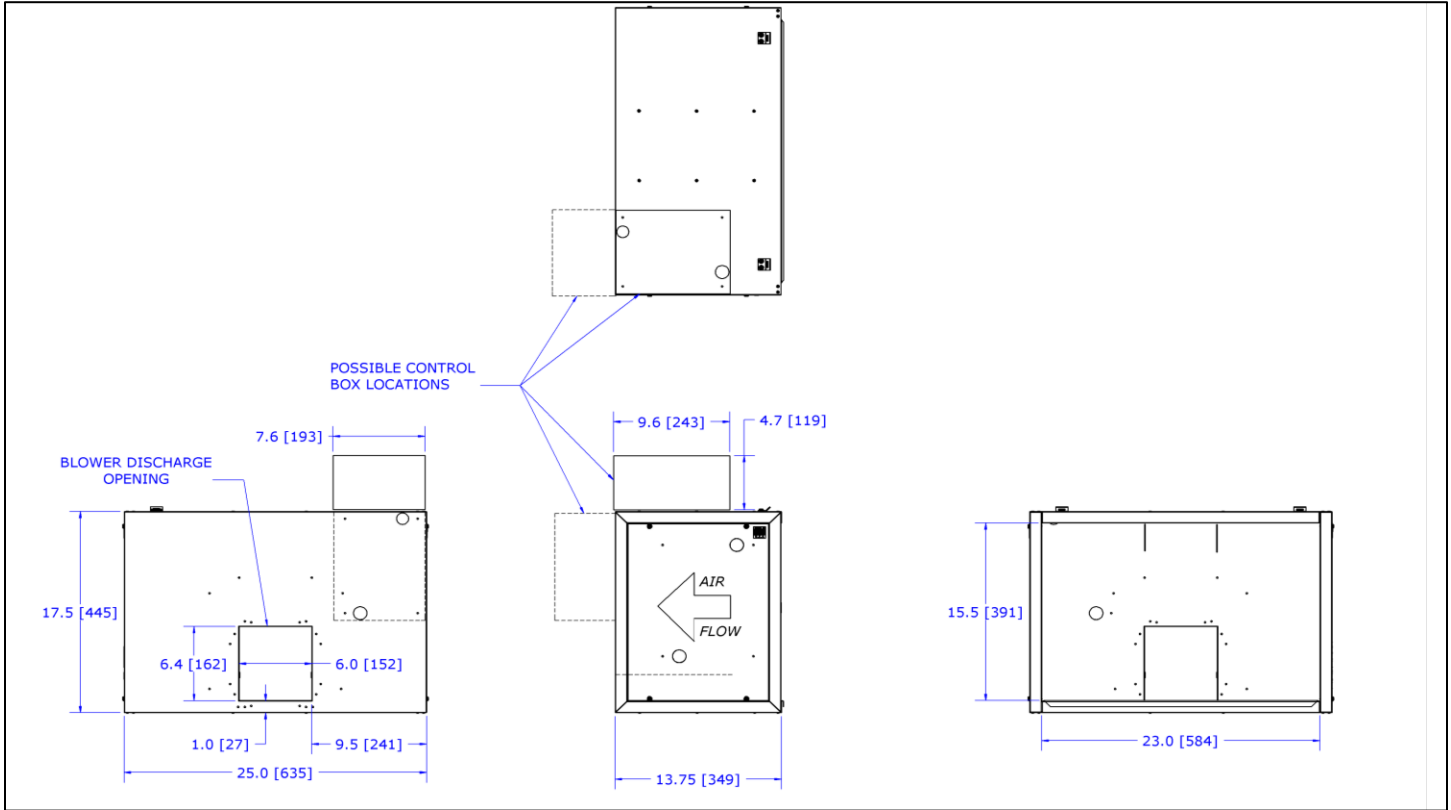
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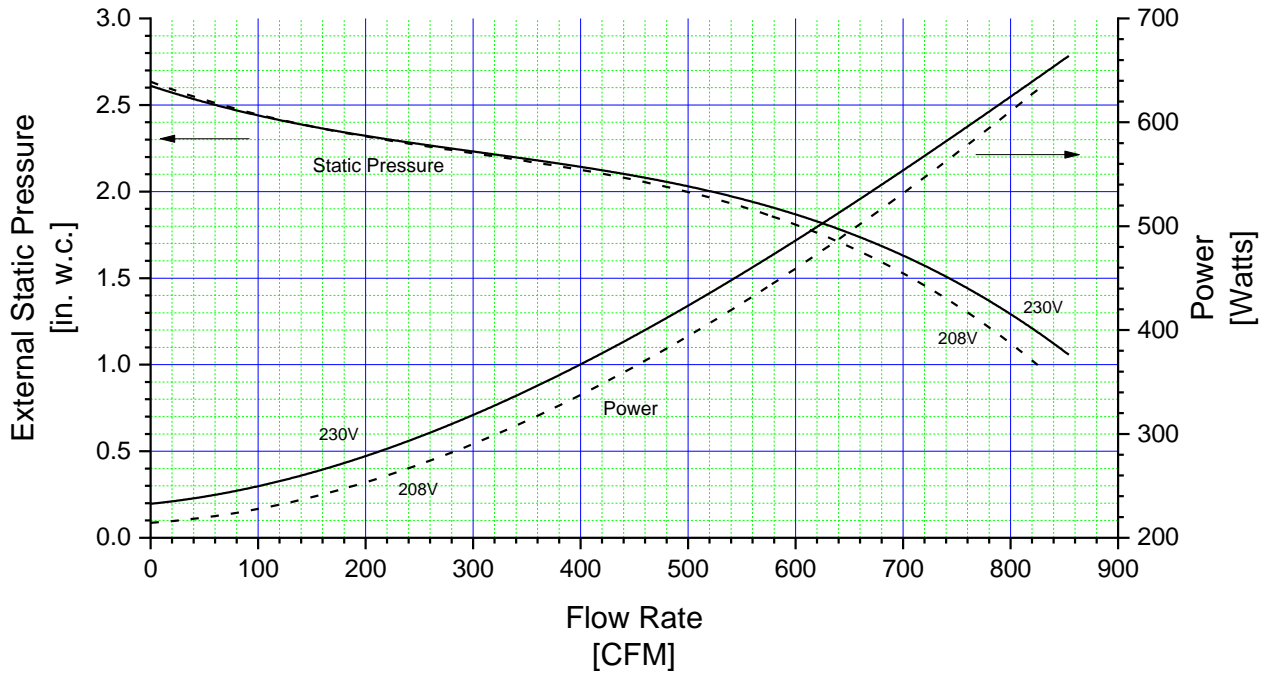
Tag #:

BLOWER MODULE DIMENSIONS



* Contact Unico for dimensions of assembled modules.

BLOWER AIRFLOW CURVES



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