

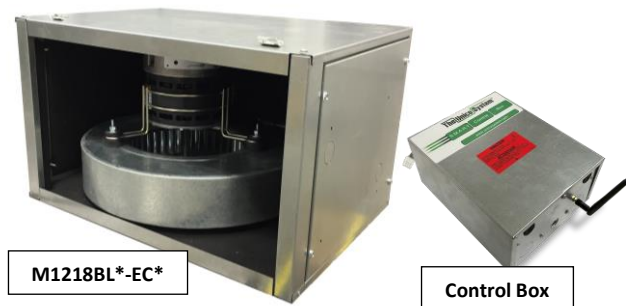
For: ☐ File ☐ Resubmit ☐ Approval ☐ Other \_\_\_\_\_

## M1218BL\*-EC\*

### 1.5-ton SDHV Modular Variable Speed Air Handler (Blower)

## Green Series

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



#### Features

- Modular construction
- Multiple configurations
- Right-Handed and Painted options available
- EC Motor (variable speed)
- High system efficiency
- Easy service motor/blower
- Constant airflow
- Smart device connectivity (WiFi)
- Includes S.M.A.R.T. control board

#### Matching Modules

M1218C\*\*-E  
M1218C\*\*-C  
M1218C\*\*-H

#### Indoor Unit Size

# 1218

#### Operating Range:

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Nominal airflow                    | 400 CFM<br>(679 m³/h)               |
| Static pressure at nominal airflow | 1.5 in. w.c. (373 Pa)               |
| Airflow Range                      | 100 to 500 CFM<br>(170 to-850 m³/h) |

#### General Data:

|                                    |                                            |
|------------------------------------|--------------------------------------------|
| Blower wheel diameter              | 9.5 in. (241 mm)                           |
| Blower wheel width                 | 1.64 in. (42 mm)                           |
| Fan motor type                     | ECM                                        |
| Fan motor size                     | 1/2 hp (373 W)                             |
| Fan Speeds                         | Variable                                   |
| Maximum motor speed                | 1800 RPM                                   |
| Maximum air temperature over motor | 150 °F (65 °C)                             |
| Supply duct size, minimum          | 7 in. (178 mm)                             |
| Sound Pressure Level*              | 56 dB(A)<br>NC-50                          |
| Net unit weight                    | 52 lbs. (24 kg)                            |
| Shipping Weight                    | 57 lbs. (26 kg)                            |
| Dimensions (H x W x D)             | 12 x 20 x 15.4 in.<br>(305 x 508 x 391 mm) |

\* Measured 3 ft (1 m) from unit

#### Electrical:

| Control Box Style           | EC2            | EC3 |
|-----------------------------|----------------|-----|
| Voltage                     | 120V/208V/230V |     |
| Power Supply (Hz, Ph)       | 50/60, 1       |     |
| Full Load Current           | 5.6 A/3.2 A    |     |
| Min. Circuit Ampacity       | 7.0 A/4.0 A    |     |
| Max. Overcurrent Protection | 15 A           |     |
| Allowable Breaker Sizes     | 15 A           |     |

#### Optional Accessories:

- ☐ Control box extension cable, 98" (2.5 m) (A01525-G02)
- ☐ Hot water coil heating module (M1218CL1-H)
- ☐ Secondary drain pan (UPC-94)
- ☐ Supply duct adapter, round (UPC-61-1218)
- ☐ Supply duct adapter, square (UPC-62-1218)
- ☐ Return adapter (UPC-104-1218)

#### Notes:

1. Absolute operating voltage range: 104V – 127V, 188V – 254V
2. All wiring and piping must comply with applicable local and national code.
3. Refer to installation manual for more information.
4. Revision 1 connects to PC-only via USB.

#### Model Number Key:

| M            | 1218                          | B           | L             | 1                   | - | EC*                                                               | 1               |
|--------------|-------------------------------|-------------|---------------|---------------------|---|-------------------------------------------------------------------|-----------------|
| Model Series | Matching ODU Nominal Capacity | Module Type | Configuration | Revision            |   | Motor Style                                                       | Options         |
| M = Modular  | 1218 = 12000 to 24000 Btu/hr  | B = Blower  | L = Left      | 1 = USB<br>2 = WiFi |   | EC2 = 120V – 208/230V<br>EC3 = 120V – 208/230V,<br>CE/UKCA marked | 1 = Paint White |

ODU = Outdoor Unit

M1218BL\*-EC\*

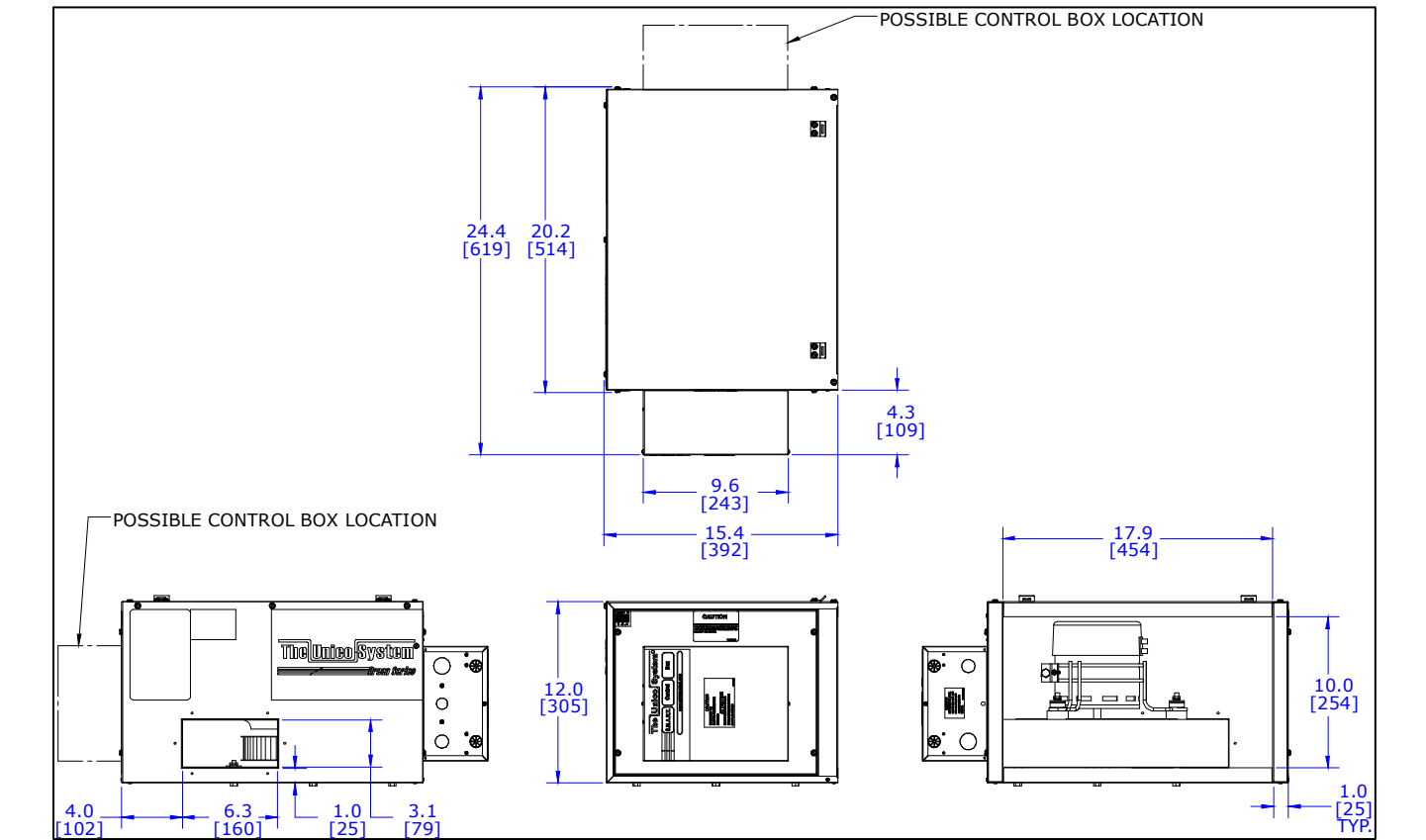
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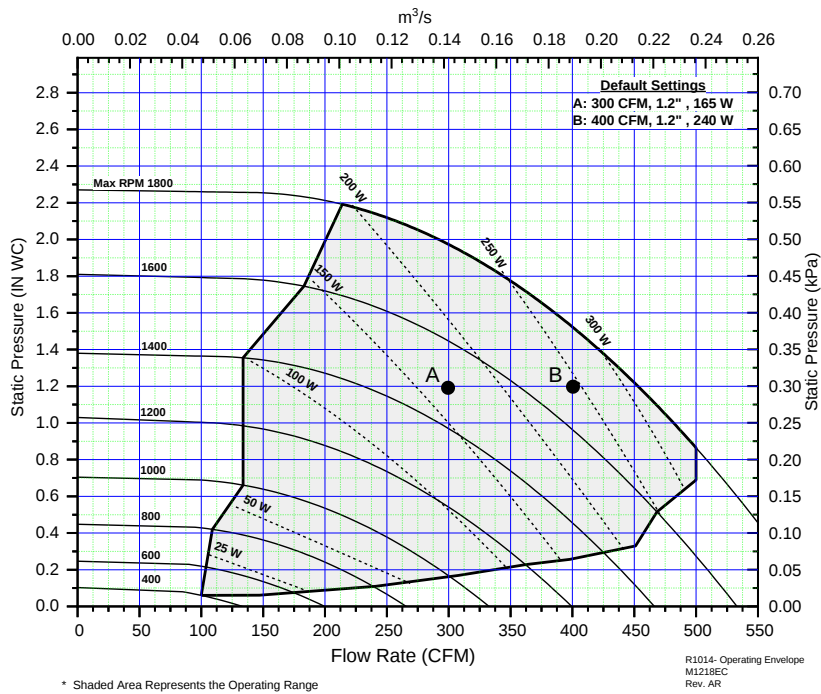
Date:

Tag #:

BLOWER MODULE DIMENSIONS



\* Contact Unico for dimensions of assembled modules.



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