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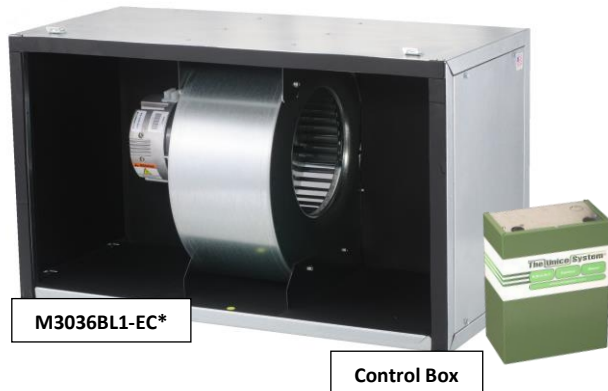
## M3036BL1-EC1/EC2 3.0-ton SDHV Modular Variable Speed Air Handler (Blower)

## 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
- Programmable using Windows PC
- Includes S.M.A.R.T. control board

### Matching Modules

M3036CL1-B  
M3036CL1-E  
M3036CL1-C  
M3036CL1-H  
M3036V1  
M3036R1

### Indoor Unit Size

# 3036

### Operating Range:

Nominal Airflow	750 CFM (1275 m <sup>3</sup> /h)
Static pressure at nominal airflow	1.5 in. wc. (373 Pa)
Airflow Range	300 to 900 CFM (510 to 1530 m <sup>3</sup> /h)

### General Data:

Blower wheel diameter	9.5 in. (241 mm)
Blower wheel width	5.0 in. (127 mm)
Fan motor type	ECM
Fan motor size	1hp (750 W)
Fan Speeds	Variable
Maximum motor speed	1800 RPM
Maximum air temperature over motor	150 °F (65 °C)
Supply duct size, minimum	9 in. (229 mm)
Sound Pressure Level*	56 dB(A) NC-47
Net unit weight	58 lbs. (26 kg)
Shipping Weight	65 lbs. (30 kg)
Dimensions (H x W x D)	17.5 x 30 x 14 in. (445 x 762 x 349 mm)

\* Measured 3 ft (1 m) from unit

### Model Number Key (available models):

M	3036	B	L	1	-	EC*	W1
Model Series	Nominal Capacity	Module Type	Configuration	Revision		Motor Style	Options
M = Modular	3036 = 30000 to 36000 Btu/hr	B = Blower	L = Left R = Right			EC1 = 120V EC2 = 208-230V	W1 = Paint White

### Electrical:

Control Box Style	EC1	EC2
Power Supply (Hz, Ph)	50/60, 1	
Voltage	120 V	208-230V
Full Load Current	10.2 A	6.1 A
Starting Current	n/a	
Min. Circuit Ampacity	12.8 A	7.7 A
Max. Overcurrent Protection	20 A	15 A
Allowable Breaker Sizes	20 A	15 A

### Optional Accessories

- Control box extension cable, 98" (2.5 m) (A01525-G02)
- Hot water coil heating module (M3036CL1-H)
- Return air module with filter (M3036R1)
- Vertical base module with filter (M3036V1)
- Secondary drain pan, 2 module (UPC-27B)
- Secondary drain pan, 3 module (UPC-27C)
- Supply duct adapter, round (UPC-61-3036)
- Supply duct adapter, square (UPC-62-3036)
- Return adapter (UPC-104-3036)

### 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.

# M3036BL1-EC1/EC2

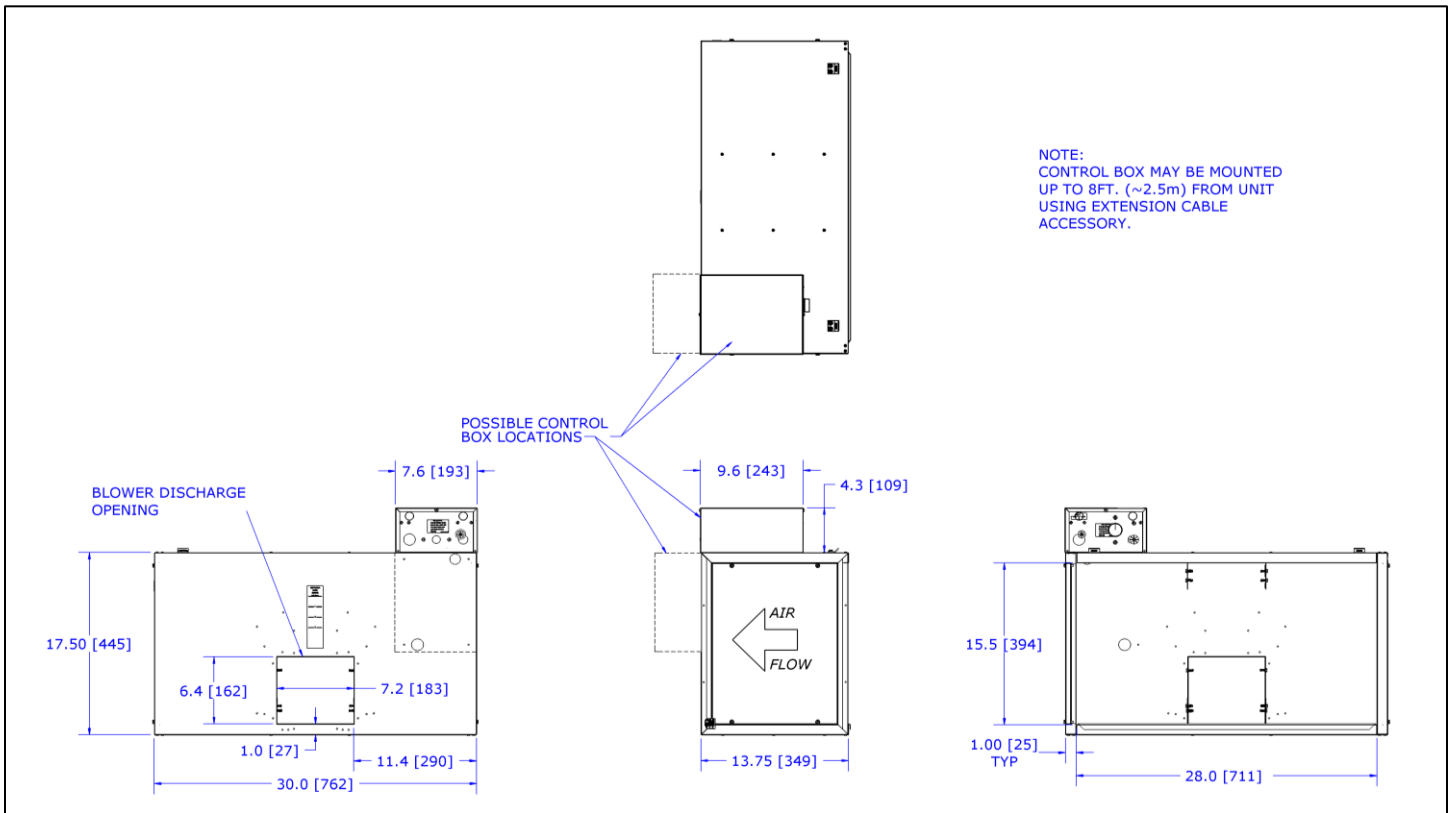
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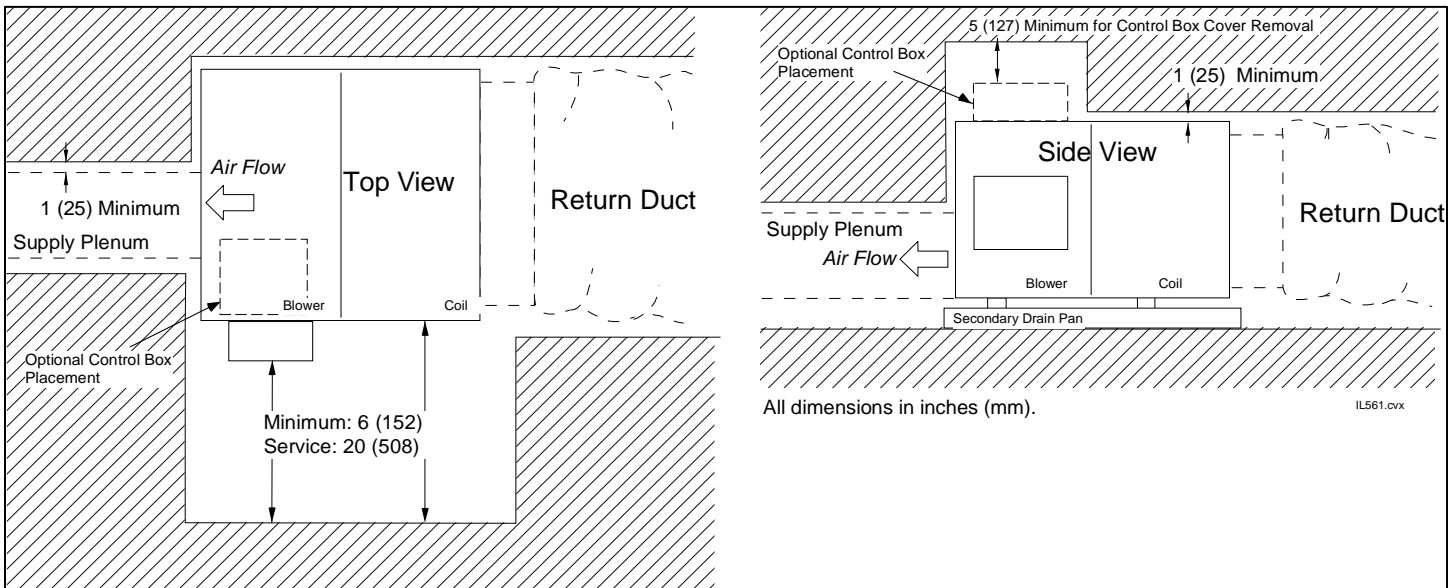
Tag #:

## BLOWER MODULE DIMENSIONS



\* Contact Unico for dimensions of assembled modules.

## Installation Clearances



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

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