

# Duct

- 2-way Installation
- Dual Air Outlets with Larger Dimension
- Quieter Operation
- Better Air Quality

## Standard Features



ECO



Turbo



Sleep Mode



Timer



Follow me



Self clean



46 °F heating



LED



Humidity



1%-100%  
Fan Speed Setting



Breeze Away



Child Lock



°C and °F  
Change



Silent Mode



Horizontal  
Swing



Gear

## Optional Features



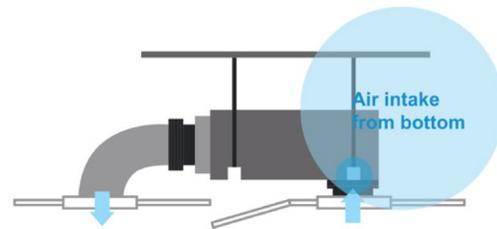
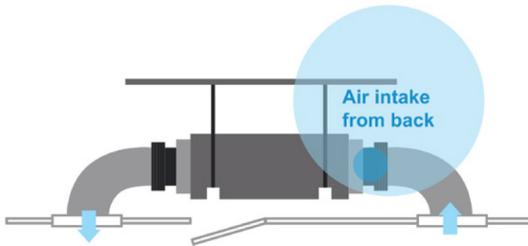
Wi-fi Control



Vertical Swing

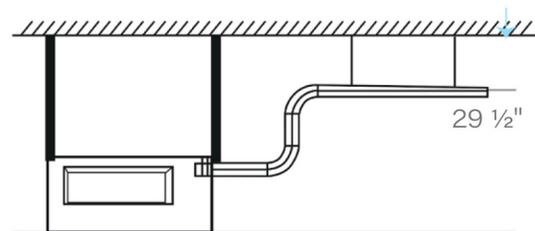
## Flexible Return Air Installation

Fits in not only the most common joist space, but also the I-Joist space, which is a rapid growing application in the U.S. construction.



## Built-in Drain Pump

The drain pump can lift the condensing water up to 29 ½ inch.



## Fresh Air Intake Function (optional)

Unit Design includes 4" round fresh air knock-out

## AUX Heater Compatible (optional)

Compatible with 3rd party auxiliary heaters

## Slim Duct (Hyper Heat)

For Horizontal or Vertical Installation

| Model                             | Indoor Unit<br>Outdoor Unit  | MTIU-09HWFN1-M     |                      | MTIU-12HWFN1-M     |                      | MTIU-18HWFN1-M     |                      |      |    |
|-----------------------------------|------------------------------|--------------------|----------------------|--------------------|----------------------|--------------------|----------------------|------|----|
|                                   |                              | MOX330-09HFN1-MY5W |                      | MOX330-12HFN1-MW5W |                      | MOX430-17HFN1-MTOW |                      |      |    |
| <b>Performance</b>                |                              |                    |                      |                    |                      |                    |                      |      |    |
| Power Supply                      |                              | V, Ph, Hz          | 208/230, 1, 60       |                    | 208/230, 1, 60       |                    | 208/230, 1, 60       |      |    |
| SEER2<br>(AHRI 210/240 -<br>2023) | Cooling /Heating<br>Capacity | Btu/h              | 9000/10000           |                    | 12000/12500          |                    | 17000/19000          |      |    |
|                                   |                              | SEER2              | Btu/W                |                    | 20.2                 |                    | 19.5                 |      | 18 |
|                                   | EER2                         | Btu/W              |                      | 13.2               |                      | 11.7               |                      | 11.7 |    |
|                                   | HSPF4                        | Btu/W              |                      | 12                 |                      | 10                 |                      | 9.5  |    |
| Heating at 5°F(-15°C)             | Rated capacity               | Btu/h              | 10800                |                    | 12100                |                    | 17700                |      |    |
|                                   | COP                          | W/W                | 1.9                  |                    | 1.96                 |                    | 1.85                 |      |    |
| <b>Indoor unit</b>                |                              |                    |                      |                    |                      |                    |                      |      |    |
| Eternal Static<br>Pressure (ESP)  | Range                        | Pa                 | 0-40                 |                    | 0-40                 |                    | 0-40                 |      |    |
|                                   |                              | In. wc.            | 0-0.16               |                    | 0-0.16               |                    | 0-0.16               |      |    |
| Air Flow Volume                   | H/M/L                        | CFM                | 352.94/282.35/176.47 |                    | 352.94/282.35/176.47 |                    | 529.41/450.00/370.59 |      |    |
| Noise Level                       | H/M/L                        | dB(A)              | 33/30.5/27           |                    | 40/31.5/26.5         |                    | 40/37.5/35           |      |    |
| Net Dimension                     | WxDxH                        | mm                 | 700/506/200          |                    | 700/506/200          |                    | 880x674x210          |      |    |
|                                   |                              | inch               | 27.56x19.92x7.87     |                    | 27.56x19.92x7.87     |                    | 34.65x28.53x8.27     |      |    |
| Packing Dimension                 | WxDxH                        | mm                 | 860/540/285          |                    | 860/540/285          |                    | 1070x725x280         |      |    |
|                                   |                              | inch               | 33.86x21.26x11.22    |                    | 33.86x21.26x11.22    |                    | 42.13x28.53x11.02    |      |    |
| Net/Gross Weight                  |                              | kg                 | 17.7/21.9            |                    | 17.7/21.9            |                    | 25.1/30.4            |      |    |
|                                   |                              | lbs                | 39.02/48.28          |                    | 39.24/48.5           |                    | 55.34/67.02          |      |    |



| MTIU-24HWFN1-M<br>MOD30-24HFN1-MUOW | MTI-36HWFN1-M<br>MOE30U-36HFN1-M(GA) | MTI-48HWFN1-M<br>MOE30U-48HFN1-M-[X](GA) |
|-------------------------------------|--------------------------------------|--|
| 208/230, 1, 60                      | 208/230, 1, 60                       | 208/230, 1, 60                           |
| 24000/25000                         | 36000/42000                          | 48000/52000                              |
| 19.2                                | 16.5                                 | 14.3                                     |
| 12                                  | 9                                    | 8.2                                      |
| 10.5                                | 11                                   | 10.3                                     |
| 27000                               | 36000                                | 46400                                    |
| 2                                   | 1.98                                 | 2.02                                     |
| 0-160                               | 0-160                                | 0-160                                    |
| 0-0.64                              | 0-0.64                               | 0-0.64                                   |
| 775.47/693.06/434.88                | 1081.76/912.35/702.94                | 1228.41/1031.00/714.65                   |
| 44/40/35.5                          | 49.5/46.5/43.0                       | 54.5/50.5/47.5                           |
| 1100x774x249                        | 1360x774x249                         | 1200x874x300                             |
| 43x30x10                            | 54x30x10                             | 47.24x34.41x11.81                        |
| 1305x805x315                        | 1570x805x305                         | 1405x915x355                             |
| 51x32x12.4                          | 62x32x12                             | 55.31x36.02x13.98                        |
| 41/48                               | 48.3/55.5                            | 54.3/64.3                                |
| 90.39/105.82                        | 106/122                              | 120/142                                  |

