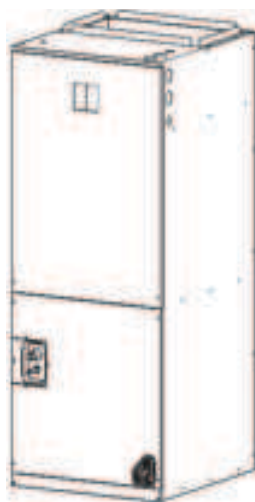


# VRF Indoor Unit MMD-UB0241VHN-UL — Vertical Air Handler

**TOSHIBA**  
*Carrier*

## Submittal Data

Job Name \_\_\_\_\_ Location \_\_\_\_\_  
Tag \_\_\_\_\_



### STANDARD FEATURES

- Dual Drainage Spouts
- Three Fan Speeds - High, Medium and Low
- Multipoise installation in vertical, horizontal left, horizontal right, and downflow configuration
- Built in EXV (Electronic Expansion Valve) for Installation Ease
- Removable Front Panel Provides Easy Access
- Configurable for download operation
- Internal A2L Refrigerant Sensor

Indoor Unit Model MMD-UB0241VHN-UL

### PERFORMANCE

Cooling Rated Capacity	Btu/h	24,000
Heating Rated Capacity	Btu/h	27,000
Airflow (H / M / L) <sup>4</sup>	CFM	752/667/462
Sound Pressure (H / M / L) <sup>6</sup>	dBA	48/47/42
External Static Pressure <sup>5</sup>	in (wg)	0.001 (0.40)

### ELECTRICAL

Power Supply	V/Ph/Hz	208-230/1/60
Motor Type		DC
Power Consumption	W	145
Minimum Circuit Amps	A	4
Maximum Overcurrent Protection	A	6

### FILTER

H (in)	1
W (in)	18-3/8
D (in)	21-5/8

### ACCESSORIES (Optional)

- ☐ Wireless Remote Controller  
RBC-AXU31-UL
- ☐ Wired Remote Controller - Non-Programmable  
RBC-AMS54E-UL/RBC-AWSU52-UL
- ☐ 3.75kW Heating Kit 21-4444-06
- ☐ 5kW Heating Kit 21-4444-01

### PHYSICAL DATA

Pipe Connection Size - Liquid	in.	3/8
Pipe Connection Size - Suction	in.	3/4
Pipe Connection Size - Drain	in.	3/4
Refrigerant		R-454B
Unit Width	in.	19-3/4
Unit Height	in.	45-3/4
Unit Depth	in.	22
Packing Width	in.	22-7/8
Packing Height	in.	47-5/8
Packing Depth	in.	25-5/8
Weight Net/Gross	lb	60.5/66.5

1. Indoor temperature 80°FDB, 67°FWB; outdoor temperature 95°FDB, 75°FWB; equivalent refrigerant piping length 295-1/4in. with zero level difference.
2. Indoor temperature 70 °FDB, 60°F WB; outdoor temperature 47°F DB, 43°F WB; equivalent refrigerant piping length 295-1/4in. with zero level difference.
3. AHU adopts a brand-new special-shaped heat exchanger with different number of rows and different Tube pitch at different positions.
4. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
5. Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
6. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured
7. 59-1/16in. below the unit in an anechoic chamber.
8. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

# DIMENSIONAL DRAWING

## INDOOR UNIT VERTICAL AIR HANDLER UNIT MMD-UB0241VHN-UL

