



# Product Bulletin

Date	Subject	Department
12/15/2023	New Toshiba Carrier u-Series Vertical AHU	Product Marketing
Bulletin Number	Product Model Number(s)	Author Name/Email
VRF-23-016	MMD-UP0**1VHG-UL (MMDV-u)	Steven Hunt steven.hunt2@carrier.com

## New Toshiba Carrier u-Series Vertical AHU

As part of the Toshiba Carrier U-Series VRF product launch, we are pleased to introduce the u-Series vertical air handler. The new u-Series vertical air handler will have similar appearance, dimensions, performance, airflow, and static pressure capabilities of the previous e-Series model.



Table 1 – Dimensions and Airflow Comparison

	Touch Screen Central Controller MMD-AP***0VHG2UL	New Compact Central Controller MMD-UP***1VHG-UL
Image		
Protocol	e-Series Protocol	New u-Series Protocol
Voltage	208-230 V AC 60 Hz	208-230 V AC 60 Hz
Dimensions (W x H x D)	46.9" x 17.7" x 22.3" (12-24k) 51.9" x 20.2" x 25.3" (30-36k) 55.9" x 22.2" x 27.3" (42-48k) 57.9" x 24.2" x 31.3" (60k)	46.9" x 17.7" x 22.3" (12-24k) 51.9" x 20.2" x 25.3" (30-36k) 55.9" x 22.2" x 27.3" (42-48k) 57.9" x 24.2" x 31.3" (60k)
Weight (lbs)	130 (12k) 164 (18-24k) 170 (30-36k) 200 (42-48k) 253 (60k)	130 (12k) 164 (18-24k) 170 (30-36k) 200 (42-48k) 253 (60k)
Airflow	340-480 (12k) 600-670 (18k) 600-760 (24k) 950-1000 (30k) 1050-1200 (36k) 1260-1400 (42k) 1420-1600 (48k) 1640-2000 (60k)	340-480 (12k) 600-670 (18k) 600-760 (24k) 950-1000 (30k) 1050-1200 (36k) 1260-1400 (42k) 1420-1600 (48k) 1640-2000 (60k)



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Table 2 – Accessory Comparison

	Touch Screen Central Controller	New Compact Central Controller
Model number	MMD-AP***0VHG2UL	MMD-UP***1VHG-UL
Image		
Heater Accessory	TCB-HT101VDGUL TCB-HT301VDGUL TCB-HT501VDGUL TCB-HT601VDGUL TCB-HT801VDGUL TCB-HT951VDGUL	<b>TCB-HT101VDGUL TCB-HT301VDGUL TCB-HT501VDGUL TCB-HT601VDGUL TCB-HT801VDGUL TCB-HT951VDGUL</b>
Plenum Accessory	TCB-PL2S241VDGUL TCB-PL2S361VDGUL TCB-PL2S481VDGUL TCB-PL2S601VDGUL	<b>TCB-PL2S241VDGUL TCB-PL2S361VDGUL TCB-PL2S481VDGUL TCB-PL2S601VDGUL</b>
Filter Kit	TCB-FB2F241VDGUL TCB-FB2F361VDGUL TCB-FB2F481VDGUL TCB-FB2F601VDGUL	<b>TCB-FB2F241VDGUL TCB-FB2F361VDGUL TCB-FB2F481VDGUL TCB-FB2F601VDGUL</b>

The new air handler will be provided with the new u-Series protocol and similar to most other u-Series indoor units, these models will be backwards compatible with previous versions (e-Series and i-Series) heat pumps and heat recovery units.

The documentation for the vertical air handler is currently on HVACPartners. The new u-Series vertical AHU will only be available for modeling in VPro. We anticipate this model being visible in the software January 2023. These models will be available for purchase before the end of the year.

For questions contact your regional VRF Sales Manager. For additional product information please visit HVAC Partners or email [VRFApplications@carrier.com](mailto:VRFApplications@carrier.com).