





# Product Bulletin

Date	Subject	Department
12/15/2023	New Toshiba Carrier VRF Central Compact Controller and Compact Local Controller	Product Marketing
Bulletin Number	Product Model Number(s)	Author Name/Email
VRF-23-014	TCB-SC640U-UL (Compact Central Controller) RBC-ASCU11-UL (Compact Wired Controller)	Steven Hunt steven.hunt2@carrier.com

## New Toshiba Carrier Compact Central Controller

As part of the Toshiba Carrier U-Series VRF product launch, we are introducing a new controller in the line of central controllers. The new compact central controller will have a lower price point in comparison to the touch screen central controller, as this model will have a scaled down operation from typical touch screen central controllers. Please reference the table below for some of the high level differences between the compact central controller and our existing touch screen central controller.

	Touch Screen Central Controller	New Compact Central Controller
Model number	BMS-CT2560U-UL	TCB-SC640U-UL
Image		
Protocol	New U-Series Protocol	New U-Series Protocol
No. of Connectable Indoor Units	256	64
Dimensions (W x H x D)	5.4'' x 8.1'' x 3.2''	4.7'' x 4.7'' x 2.8''
Weight (lbs)	2.95	1.21
Voltage	120 V AC 60 Hz	120 V AC 60 Hz
Digital Inputs	8	3
Digital Outputs	4	2
Energy Monitoring	Y	N
Backwards / Forwards Compatible	Y	Y
USB Ports	2	N/A





## Product Bulletin

LAN Ports	Y	N/A
-----------	---	-----

Similar to other u-Series controllers, the compact central controller will also be backwards compatible with e-Series systems. As well, the compact central controller will have dual functionality to operate as a central controller, and as a local controller if desired.

### New Toshiba Carrier Wired Controller

The new Toshiba Carrier wired controller RBC-AWSU52-UL will also have a similar appearance to its predecessor RBC-AMS52E-UL. The new wired controller has been improved to allow group control of up to sixteen (16) indoor units using the new u-Series protocol. For e-Series indoor units and systems, the amount of connected indoor units for group control will be similar to the previous model at eight (8) indoor units. The new controller will also have new Bluetooth capabilities.

	Phasing Out	Phasing In
Model number	RBC-AS41UL	RBC-ASCU11-UL
Image		
Protocol	E-Series Protocol	New U-Series Protocol
Max No. of Grouped Indoor Units	8	16 (u-Series) 8 (e-Series)
Dimensions (W x H x D)	2.8" x 4.7" x 0.7"	6.1" x 4.7" x 0.9"
Backwards / Forwards Compatible	Yes	Yes
Timer	N	Y
Backlight	N	Y

We anticipate both controllers being available for modelling in VPro, December 2023. The new u-Series compact wired controller will be available for purchase upon the sale of the existing e-Series controllers. Whereas the new compact central controller will be available for sale December 2023. Documentation for these units are currently on HVACPartners.



## Product Bulletin

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).