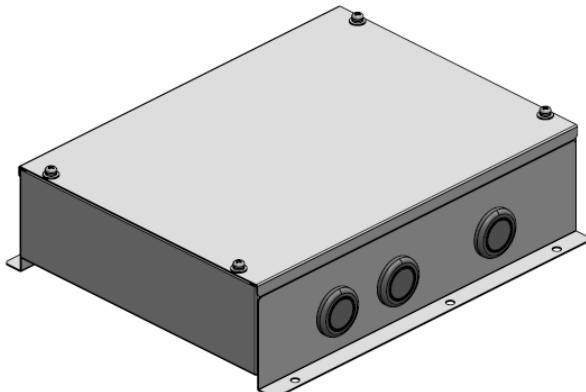


Submittal Data

Job Data _____ Location _____
Buyer _____ Buyer PO # _____ Carrier # _____
Unit Number _____ Model Number _____
Performance Data Certified By _____ Date _____

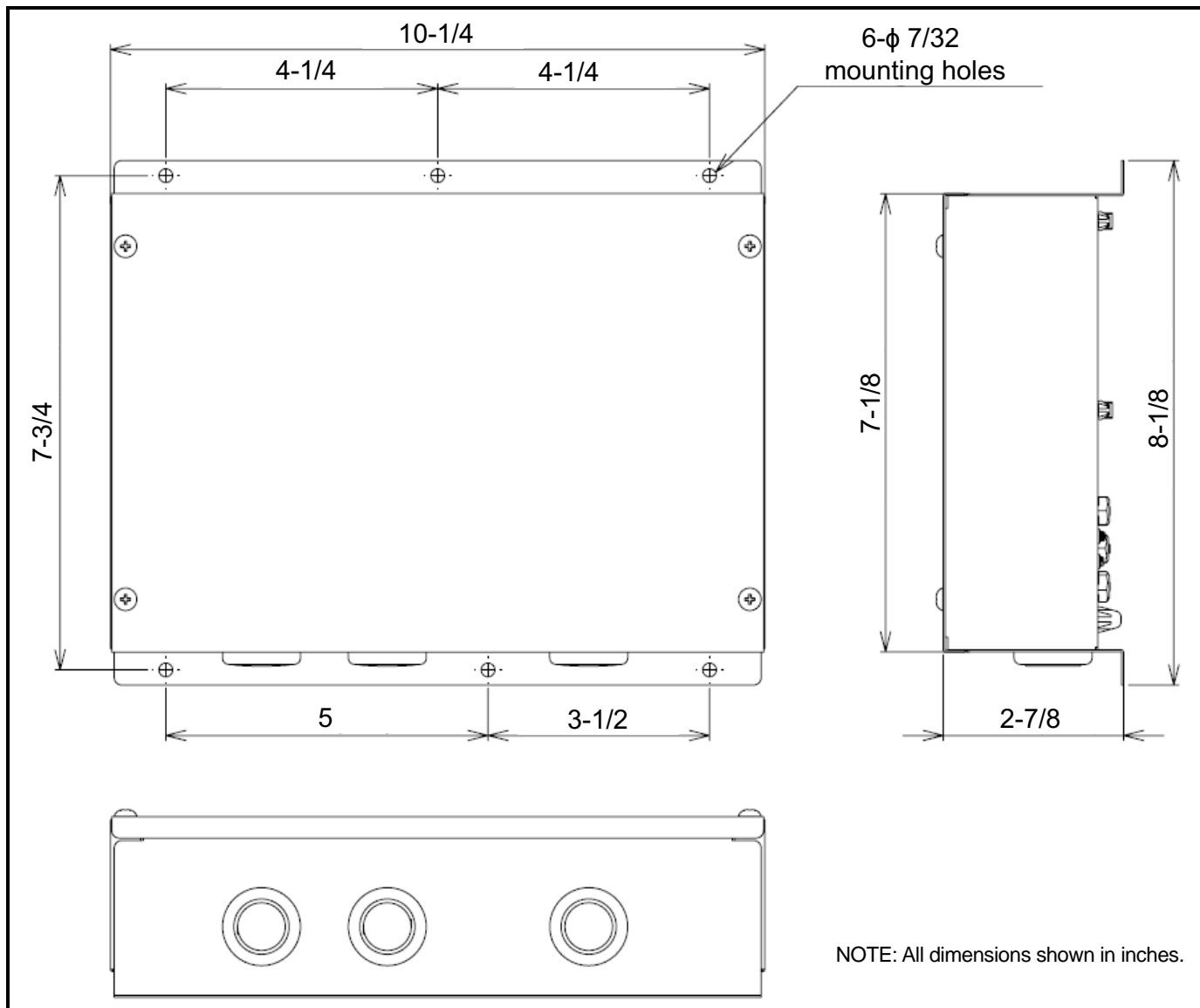


**Energy Recovery Ventilation
(ERV) Control Interface**

- Fan speed control (High/Low)
- ON/OFF
- Schedule setting
- Compatible with Toshiba Carrier VRF and RAV systems
- Inputs - motion sensor, door sensor, card key, CO₂ sensor

Part Name	Energy Recovery Ventilation (ERV) Control Interface	
Part Number	TCB-IFVN1UL	
Power Supply	V/Ph/Hz	208-230/1/60
Power Consumption	W	7
Operating Temperature Range	°F	32 to 104
Operating Humidity Range	10 to 90% (Non-condensing)	
Dimensions	H (in)	2-7/8
	W (in)	10-1/4
	D (in)	8-1/8
Net Weight	lbs	3.5

DIMENSIONAL DRAWING
ENERGY RECOVERY VENTILATION (ERV) CONTROL INTERFACE –
TCB-IFVN1UL

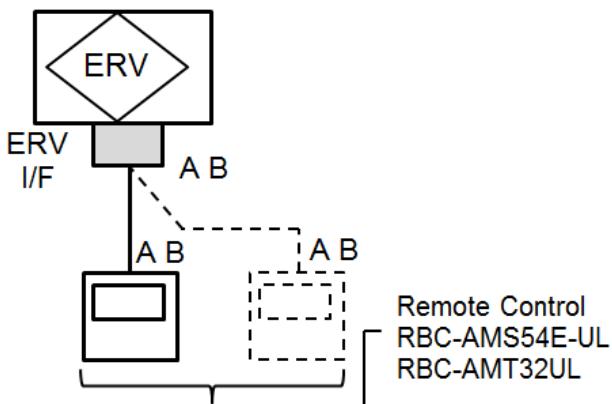


WIRING DIAGRAM

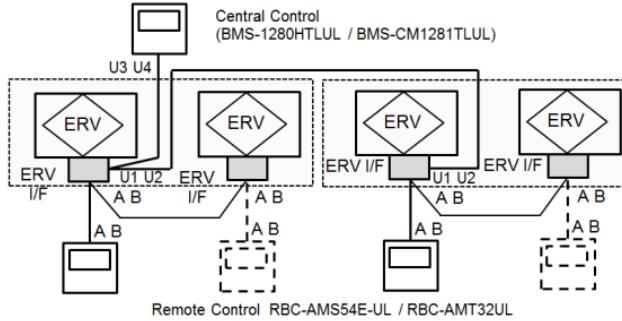
ENERGY RECOVERY VENTILATION (ERV) CONTROL INTERFACE –

TCB-IFVN1UL

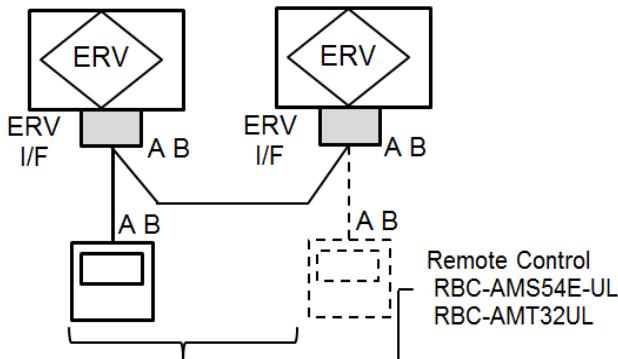
ERV Individual System (One ERV Used)



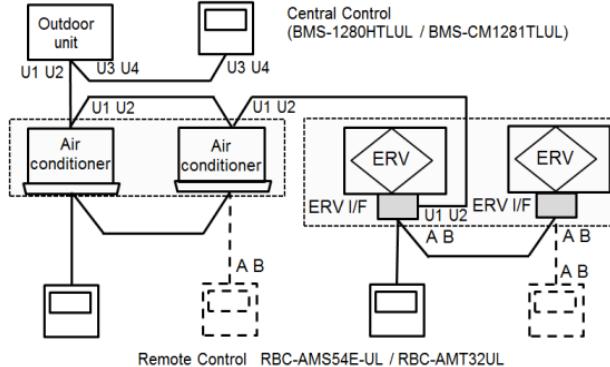
Central Control System (When Controlling ERV Only)



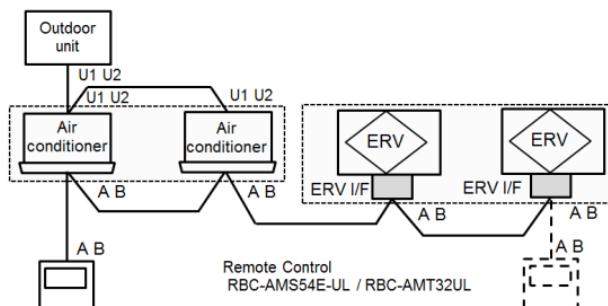
ERV Group Control System (Multiple ERVs Used)



Central Control System (When Controlling VRF System and ERV Separately)



ERV System Connected to VRF System



Central Control System (When Controlling VRF System and ERV Together)

