

## TOSHIBA CARRIER RAVCT2 UNDERCEILING



# Toshiba Carrier Underceiling

### FEATURES

- Available in 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- Outside air intake
- Power-saving Mode
- Filter maintenance indicator
- Quiet indoor operation, as low as 32 dB(A)

### COMPATIBLE WITH:

- RAVAT2 Outdoor Unit  
Single Zone (p 86)

**TOSHIBA**  
*Carrier*

Sizes: 18 / 24 / 30 / 36 / 42 / 48

### CONTROLS

**Controller not included with indoor unit. Must order:**  
Optional Wireless Remote Controller  
Optional Wired Remote Controller



**Optional  
Wired Controller  
(7-Day Programmable)  
RBC-AWSU52-UL**



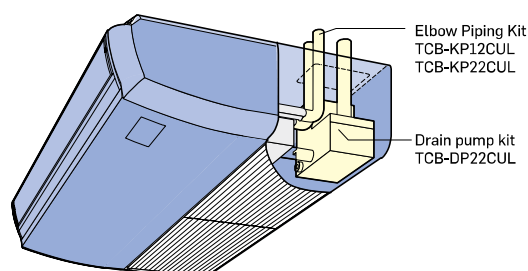
**Optional  
Wireless  
Controller**

### ACCESSORIES

Condensate Pump (208–230V optional)

Elbow Piping Kit

Systems can be programmed to operate in cooling-only mode with heating locked out



# TOSHIBA CARRIER

## RAVCT2 UNDERCEILING

### SPECIFICATIONS:

RAV System: Underceiling								
Model name	Indoor unit	RAV -	SM182CTP-UL	SM242CTP-UL	SM302CTP-UL	SM362CTP-UL	SM422CTP-UL	SM482CTP-UL
Operating Range								
Cooling	Capacity	kBtu/h	18	24	30	36	42	48
	SEER2		23.6	23.2	22	22.4	19.6	19.4
	EER2		11.5	12.7	13	12.1	9.9	9.2
Heating	Capacity	kBtu/h	20	27	34	40	47	54
	HSPF2		10.7	10.4	10.4	11.1	10.7	10.3
	COP		13.1	12.9	12.2	12.5	11.5	11.1
Electrical								
Electrical requirements	Power supply		1 Phase 208V/230V 60 Hz					
	MCA(*4)	A	14	17	30	30	32	32
	MOCP(*5)	A	25	25	40	40	40	40
Indoor unit								
External dimension	Height	in	9.3	9.3	9.3	9.3	9.3	9.3
	Width	in	37.5	50	50	62.5	62.5	62.5
	Depth	in	27.2	27.2	27.2	27.2	27.2	27.2
Total weight			52.9	66.1	66.1	83.8	83.8	83.8
Main unit	Standard airflow (H/M/L)	CFM	565 / 425 / 320	845 / 600 / 440	845 / 600 / 440	1095 / 795 / 600	1095 / 900 / 705	1250 / 1125 / 925
	Motor output	W	94	94	94	139	139	139
	Motor type		DC	DC	DC	DC	DC	DC
Connecting pipe	Gas side	in	1/2	5/8	5/8	5/8	5/8	5/8
	Liquid side	in	1/4	3/8	3/8	3/8	3/8	3/8
	Drain port (nominal dia)	in	VP20 (Polyvinyl Chloride Tube: Dia. 1.1 Internal Dia 0.79)					
Sound pressure level (H/M/L)(*2)		dB(A)	37 / 35 / 28	41 / 36 / 29	43 / 36 / 33	44 / 38 / 32	44 / 41 / 35	47 / 45 / 41

#### Note:

(\*1) Rated conditions

Cooling: Indoor air temperature 80°F dry bulb / 67°F wet bulb, Outdoor air temperature 95°F dry bulb

Heating: Indoor air temperature 70°F dry bulb, Outdoor air temperature 47°F dry bulb / 43°F wet bulb

(\*2) The actual values in an operating environment are generally higher than the indicated values due to the contribution from ambient noise.

(\*3) The amount does not consider extra piping length. Refrigerant must be added on site in accordance with the actual piping length.

(\*4) Select wire size based on larger value of MCA

MCA: Minimum Circuit Amps (Minimum Circuit Amps required for power supply design)

(\*5) MOCP: Maximum Over Current Protection