

TOSHIBA CARRIER

RAVBT2 DUCTED STYLE



Toshiba Carrier

Ducted

FEATURES

- Available in 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- Up to 0.46 in W.C.
- Rear or bottom return
- Outside air intake
- Built-in condensate lift pump
- Quiet indoor operation, as low as 25 dB(A)

COMPATIBLE WITH:

- RAVAT2 Outdoor Unit
Single Zone (p 86)

TOSHIBA
Carrier

Sizes: 12 / 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)

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

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SPECIFICATIONS:

RAV System: Medium Static Ducted									
Model name	Indoor unit	RAV -	SM122BTP-UL	SM182BTP-UL	SM242BTP-UL	SM302BTP-UL	SM362BTP-UL	SM422BTP-UL	SM482BTP-UL
Operating Range									
Cooling	Capacity(*1)	kBtu/h	12	18	24	30	36	42	48
	SEER2		17.1	14.5	19.4	19.3	17.6	16.9	16.2
	EER2		12.2	9.8	12.4	12.5	11	9.5	8.5
Heating	Capacity(*1)	kBtu/h	14	20	27	34	40	47	54
	HSPF2		8.9	8.7	10.3	10.3	9.9	9	7.9
	COP		13.3	11.4	13.4	14.1	13.1	12.2	11.3
Electrical									
Electrical requirements	Power supply		1 Phase 208V/230V 60 Hz						
	MCA(*4)	A	14	14	17	30	30	32	32
	MOCP(*5)	A	25	25	25	40	40	40	40
Indoor unit									
External dimension	Height	in	10.9		10.9	10.9			
	Width	in	27.6		39.4	55.2			
	Depth	in	29.6		29.6	29.6			
Total weight		lbs	52.9		70.5	92.6			
Main unit	Standard airflow (H/M/L)	CFM	395 / 330 / 265	540 / 390 / 315	775 / 640 / 510	990 / 780 / 650	1130 / 920 / 790	1130 / 955 / 810	1175 / 1025 / 885
	Motor output	W	150	150	150	250	250	250	250
	Motor type		DC	DC	DC	DC	DC	DC	DC
Connecting pipe	Gas side	in	1/2		5/8				
	Liquid side	in	1/4		3/8				
	Drain port (nominal dia)	in	VP25 (Polyvinyl Chloride Tube: External Dia. 1-1/4 Internal Dia. 1)						
Sound pressure level (H/M/L)(*2)		dB(A)	33 / 29 / 25	34 / 30 / 26	36 / 31 / 27	37 / 34 / 31	38 / 35 / 32	38 / 35 / 32	40 / 36 / 33

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