



TOSHIBA



40RBV-XT Series

Air Handling Unit , R-410a

Nominal Capacity : 114,300-573,200 Btuh



World's No.1 Air Conditioning Expert

www.carrier.co.th

40RBV-XT Series

These air handling units offer customized arrangement, slim design with rugged and reliable operation.

The 40RBV-XT air handlers provide an efficient source of conditioned air for factories, shops, offices or restaurants Coupled with appropriate condensing unit, the 40RBV-XT Series produce nominal capacities form 114,300 to 573,200 btu/hr.

Slim proportions (less than 910 mm. deep) allow these units to be floor-mounted or ceiling-suspended.

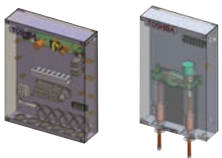
Model	40RBV	012XT	015XT	020XT	030XT	040XT	050XT	060XT	
Total Cooling Capacity	CDU-VRF TOSHIBA (HP)	12.0 (12)	16.0 (16)	20.0 (10+10)	30.0 (16+16)	40.0 (20+20)	50.0 (16+16+16)	60.0 (20+20+20)	
	kW	33.5	45.0	56.0	85.0	112.0	141.0	168.0	
	Btu/hr.	114,300	153,500	191,100	290,000	382,100	481,100	573,200	
Power Supply	V/Ph/Hz 380Volt / 3Phase / 50Hz.								
Control device	DX Coil Controller	Model x pcs. TCB-IFDTA201E (TA Control) x 1		TCB-IFDTA201E (TA Control) x 2			TCB-IFDTA201E (TA Control) x 2		
	DX Valve Kit	Model x pcs. RMB-A101VAE x 1		RMB-A201VAE x 1	RMB-A101VAE x 2	RMB-A201VAE x 2	RMB-A201VAE x 2	RMB-A201VAE x 4	
Air Flow Rate	Rate	CFM	4,000	5,400	7,500	10,700	13,000	15,000	20,000
	Min-Max	CFM	3,400 - 4,100	4,400 - 5,400	6,100 - 7,600	8,600 - 10,800	10,500 - 13,100	12,700-19,000	15,200-22,800
Cooling Coil	Coil Arrangement	Row/FPI	3/14	3/14	3/14	4/14	4/14	3/15	4/15
	Coil Face Area	Sq.Ft	8.35	10.91	15.23	21.72	26.30	40.17	40.17
	Tube / Fin Material Type	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al
	No. of Circuit		1	2	2	2	2	2	2
Fan	Type	Centrifugal Forward Curve Blade							
	Size	inch	10" x 10"	12" x 12"	15" x 15"	18" x 18"	18" x 18"	FDA450-SM2	FDA500-SM2
	QTY		2	2	2	2	2	2	2
	Revolution Speed	Std. rpm	789	715	638	641	641	630	630
Motor	Power Supply	V/Ph/Hz 380Volt / 3Phase / 50Hz.							
	Type	Totally Enclose Fan Cooled							
	Power	HP	2	3	3	7.5	7.5	10	15
	QTY		1	1	1	1	1	1	1
	Revolution Speed	Max rpm	1,420	1,430	1,430	1,435	1,435	1,460	1,465
	Motor Range	HP	2 - 3	3 - 5	3 - 5	7.5 - 10	7.5 - 10	10 - 15	10 - 15
Accessories	Fan Pulley		225-1B-25	250-1B-30	280-1B-30	280-2B-35	280-2B-35	16'-2B-40	16'-2B-40
	Motor Pulley		125-1B-24	125-1B-28	125-1B-28	125-2B-38	125-2B-38	7'-2B-38	7'-2B-42
	Belt		B-48	B-54	B-44	B-72	B-72	B-86	B-88
	Belt QTY		1	1	1	2	2	2	2
Air Filter	Type	Washable Aluminium Filter							
	QTY Size	inch	1...10"x22"x1"	2...10"x22"x1"	3...16"x25"x1"	2...16"x20"x2"	2...16"x20"x2"	2...16"x20"x2"	2...16"x20"x2"
	(Width x Height x Thickness)		1...16"x22"x1"	1...10"x25"x1"	3...20"x25"x1"	6...20"x25"x2"	6...20"x25"x2"	1...16"x25"x2"	1...16"x25"x2"
			1...16"x25"x1"	2...16"x22"x1"	-	-	-	8...20"x20"x2"	8...20"x20"x2"
Insulation	Type	PE Foam							
	Thermal Conductivity	0.032 w/m.K							
	Thickness	mm.	10.0						
Gross weight	kg.	195.0	230.0	282.0	505.0	525.0	850.0	1000.0	
Connecting Pipe	Liquid	QTY inch	1...1/2 (Flare)	2...1/2 (Flare)	2...1/2 (Flare)	2...5/8 (Flare)	2...7/8 (Flare)	2...7/8 (Flare)	2...7/8 (Flare)
	Suction	QTY inch	1...1-1/8 (Brazing)	2...7/8 (Brazing)	2...1-1/8 (Brazing)	2...1-1/8 (Brazing)	2...1-3/8 (Brazing)	2...1-5/8 (Brazing)	2...1-5/8 (Brazing)
	Drain O.D. (FPT)	inch	3/4	3/4	1	2	2	1-1/2"	1-1/2"

Remark : RLA : Rated Load Amps

FPT : Female Pipe Tread

*Nominal Capacity based on : Entering Air Temp. 80 F Db / 67 F Wb , At maximum air flow rate

AHU DX Controller



DX Coil Controller
TCB-IFDTA201E
(TA Control)

DX Valve Kit
RBM-A* 01VAE

Dx-coil interface

VRF DX COIL INTERFACE is the product that is used with connecting the AHU with the DX COIL prepared on-site to the TOSHIBA VRF outdoor unit.

Features

Enable connection between 3rd party AHU and Toshiba VRF.
Maximum capacity of connectable AHU :
Single Dx-coil interface : 8 ~ 20 HP
Multiple Dx-coil interface : Up to 120 HP
Connectable to various types of DX-COIL.

Remote Controller Options



Standard Remote controller
RBC-AMT32E



Remote controller with weekly timer
(7-day timer function)
RBC-AMS41E



Schedule timer
TCB-EXS21TLE



Wired remote Controller
RBC-AMS55E-ES



Central remote controller
BMS-SM1280HTLE



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1858/63-74 ชั้น 14, 15

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