

CEILING

40VC-S-8S3TST



The Ceiling unit has a simple, yet elegant design to create a pleasant and relaxing environment by quickly conditioning the room air to the desired temperature.

CAPACITY
 1.7HP-6HP

SOUND PRESSURE LEVEL
 28dB(A)

LOCAL CONTROLS



Specifications

Model name	40VC	015S-8S3TST	018S-8S3TST	024S-8S3TST	027S-8S3TST	036S-8S3TST	048S-8S3TST	056S-8S3TST	
Cooling capacity	kW	4.5	5.6	7.1	8.0	11.2	14.0	16.0	
	BTU(*1.2)	15,400	19,100	24,200	27,300	38,200	47,800	54,600	
	BTU(*1.3)	15,600	19,300	24,500	27,600	38,600	48,400	55,300	
Electrical characteristics	Power supply	1-phase 50Hz 230V (220-240V)/1-phase 60Hz (220V)							
	Running current (50Hz/60Hz)	A	0.35/0.37	0.36/0.38	0.64/0.67	0.65/0.67	0.77/0.80	0.77/0.80	0.99/1.02
	Power consumption (50Hz/60Hz)	kW	0.033/0.033	0.034/0.034	0.067/0.067	0.067/0.067	0.083/0.083	0.083/0.083	0.111/0.111
	Starting current (50Hz/60Hz)	A	0.54/0.55	0.55/0.57	0.96/1.00	0.97/1.00	1.15/1.20	1.15/1.20	1.49/1.43
Appearance		Pure White (Munsell N9.1)							
Dimensions (HxWxD)	mm	235x950x690			235x1,270x690		235x1,586x690		
Total weight	kgs	24			30		39		
Soundproof/Heat-insulating material		Polyethylene foam							
Fan unit	Fan	Centrifugal fan (Sirocco fan)							
	Standard airflow (H/M/L)	m ³ /h	840/690/540	960/720/540	1,440/1,020/750	1,440/1,020/750	1,860/1,350/1,020	1,860/1,530/1,200	2,040/1,650/1,260
	Motor output	W	94				139		
Sound pressure level (H/M/L)	dB(A)	36/34/28	37/35/28	41/36/29	41/36/29	44/38/32	44/41/35	46/42/36	
Sound power level	dB(A)	51	52	56	56	59	59	61	
Air filter		Standard filter supplied (long-life filter)							
Connecting pipe	Gas side	mm	12.7	12.7	15.9	15.9	15.9	15.9	
	Liquid side	mm	6.4	6.4	9.5	9.5	9.5	9.5	
	Drain port (nominal diam.)	mm	20 (Polyvinyl chloride tube)						

Notes: (*1) Cooling capacities are measured under conditions specified by JIS B 8615 based on reference piping.
 (*1.1) Reference piping consists of 5m main piping and 2.5m branch piping connected with a height of 0m.
 (*1.2) Indoor air temperature 27.0°C DB/19.0°C WB, Outdoor air temperature 35.0°C DB.
 (*1.3) Indoor air temperature 27.0°C DB/19.5°C WB, Outdoor air temperature 35.0°C DB.

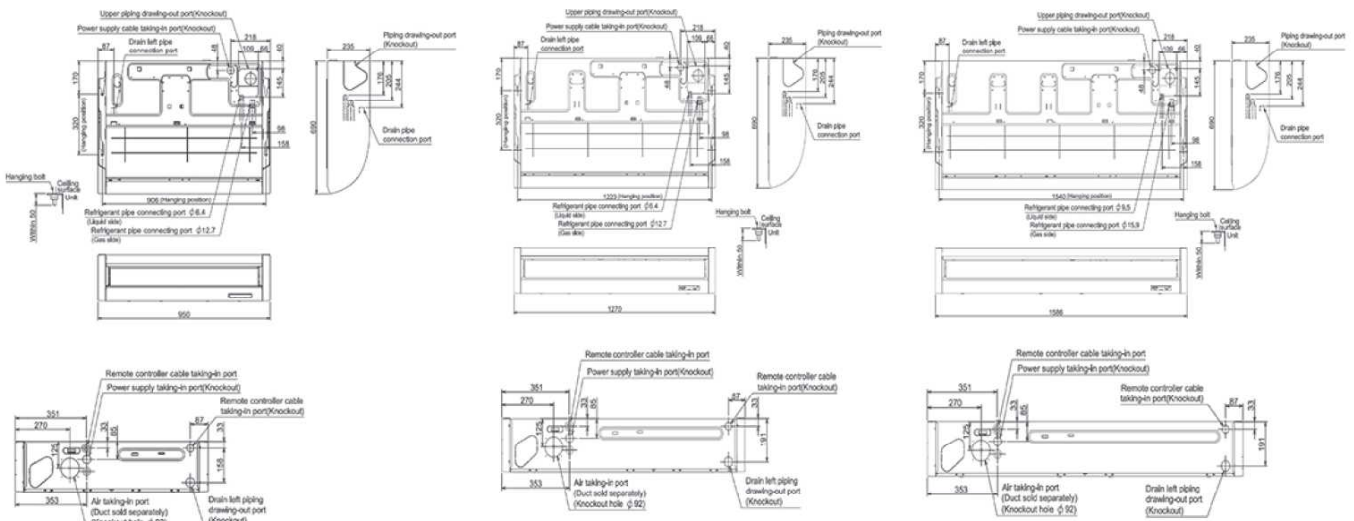
Drawings

Unit mm

40VC015S-8S3TST, 40VC018S-8S3TST

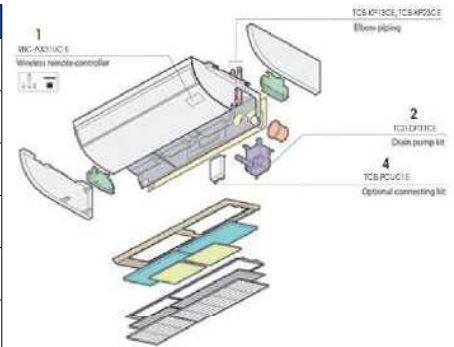
40VC024S-8S3TST, 40VC027S-8S3TST

40VC036S-8S3TST to 40VC056S-8S3TST



Accessories

No.	Part name	Model name	Applied model	Notes	Remarks
1	Wireless remote controller kit	40VC13--8-TEE	40VC-S-8S3TST		
2	Wireless remote controller kit	40VC10--8-TEE		For installing as stand-alone	
3	Drain pump kit	TCB-DP31CE		Antibacterial glass is built into Drain Pump Kit	
4	Elbow piping kit	TCB-KP14CPE	40VC015 to 018S-8S3TST	It is necessary for installation of Drain Pump Kit	Use with TCB-DP31CE
5	Elbow piping kit	TCB-KP24CPE	40VC024 to 056S-8S3TST		
6	Optional connecting kit	TCB-PCUC2E	40VC-S-8S3TST	For external I/O signal without local relay preparation	



Ceiling Connectors

* : Available

CN32	CN60	CN61	CN70	CN73	CN80
Additional ventilation control from remote control	Operation status signal output (cooling, fan, thermo-on)	External On/Off, operation output and alarm output	Warning symbol on remote control based on signal input	Forced IDU thermo-off based on signal input	Forced IDU thermo-off and IDU lock based on signal input
•	TCB-PCUC2E PCB required	•	TCB-PCUC2E PCB required	TCB-PCUC2E PCB required	TCB-PCUC2E PCB required

TT Air Engineering