

MMU-UP_MH COMPACT 4-WAY CASSETTE

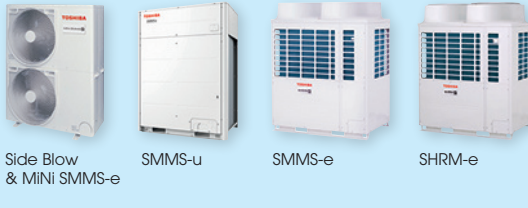


The Compact 4-Way Cassette is especially designed for business office applications, where a compact and efficient solution is required.

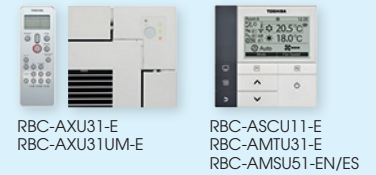
CAPACITY
↑
0.6 HP < 2 HP

SOUND PRESSURE LEVEL
🔊
29dB(A)

OUTDOOR UNITS COMPATIBILITY



LOCAL CONTROLS



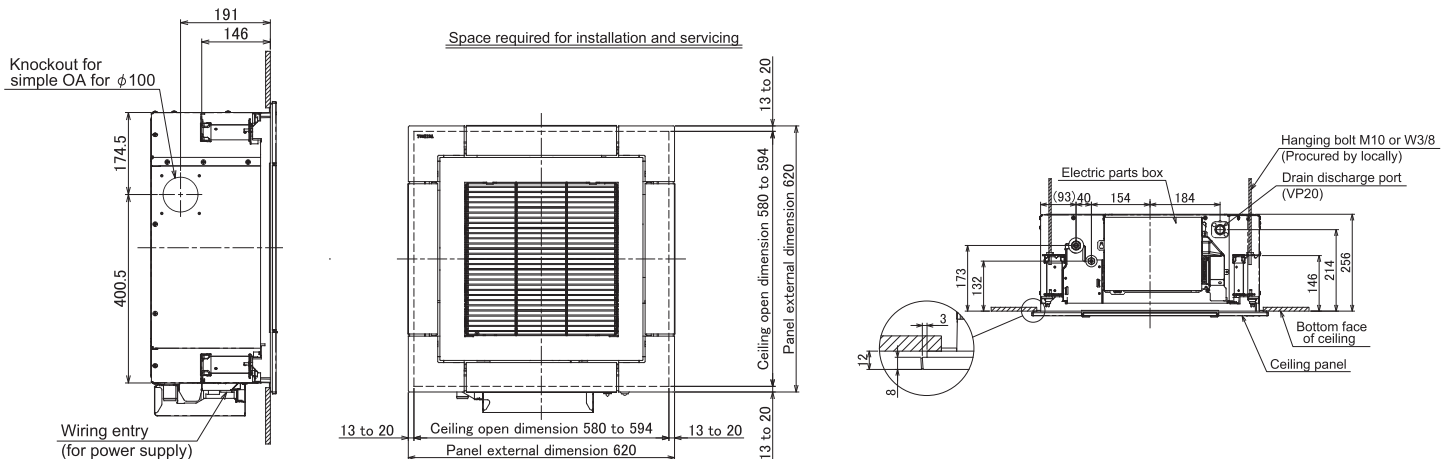
Features

Model name	MMU-	UP0051MH-E	UP0071MH-E	UP0091MH-E	UP0121MH-E	UP0151MH-E	UP0181MH-E	
Capacity code	HP	0.6	0.8	1	1.3	1.7	2	
Cooling Capacity	kW	1.7	2.2	2.8	3.6	4.5	5.6	
Heating Capacity	kW	1.9	2.5	3.2	4.0	5.0	6.3	
Electrical characteristics	Power supply	1 phase 50Hz 230V(220V-240V) - Separate power supply for indoor units is required						
	Running current	A	0.16	0.23	0.24	0.25	0.28	0.46
	Power consumption (L/H)	kW	0.013/0.016	0.013/0.023	0.014/0.025	0.014/0.027	0.015/0.03	0.019/0.052
	Starting current	A	0.28	0.41	0.43	0.44	0.50	0.80
Appearance	Main unit	Zinc hot dipping steel plate (Heat-insulating material attached to only upper plate)						
	Ceiling panel	Model name	RBC-UM21PG(W)-E					
		Panel color	Gran White (Mansell 5PB9/1)					
Outer dimensions	Main unit	HxLxP	mm					256x575x575
	Ceiling panel	HxLxP	mm					12x620x620
Total weight	Main unit	kg						15
	Ceiling panel	kg						2.5
Heat exchanger							Finned tube	
Soundproof/Heat-insulating material							Non-flammable insulation	
Fan unit	Fan							Turbo fan
	Standard air flow (M+ / M / L+ / L)	m³/h	430(415/400/385/365)	552(500/462/395/378)	570(520/468/395/378)	594(550/504/420/402)	660(600/552/480/468)	840(740/642/540/522)
	Motor	W						60
Sound pressure level High (M+ / M / L+ / L)	dB	32 (31/30/29/29)	37 (34 /33/30/29)	38 (35/33/30/29)	38 (36/34 /31/30)	40(37/35/32 /31)	47(43/39/36/34)	
Sound power level High (M+ / M / L+ / L)	dB	47 (46/45/44 /44)	52 (49/48/45/44)	53(50/48/45/44)	53 (51/49/46 /45)	55(52/50/47/46)	62 (58/54 /51/49)	
Air filter							Standard filter (Long life filter)	
Controller							Infrared or wired remote controller	
Connecting pipe	Gas side	inch	3/8"	3/8"	3/8"	3/8"	1/2"	
	Liquid side	inch	1/4"	1/4"	1/4"	1/4"	1/4"	
	Drain port (Nominal dia. mm)							VP20 (Polyvinyl chloride tube)

Drawings

Unit: mm

All models



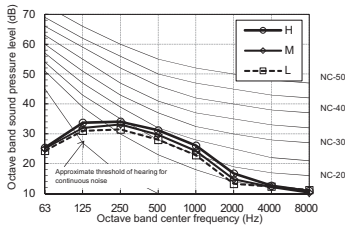
COMPACT 4-WAY CASSETTE

Sound pressure levels

Unit: dB(A)

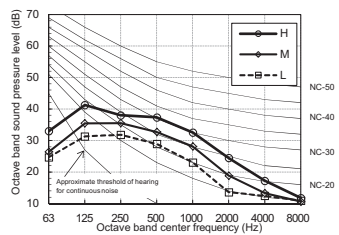
MMU-UP0051MH-E

Fan tap	H	M	L
Sound pressure level (dB(A))	32	30	29



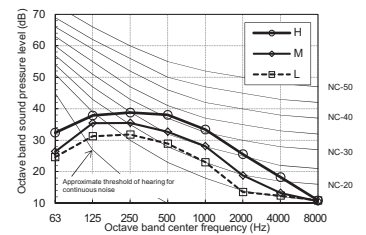
MMU-UP0071MH-E

Fan tap	H	M	L
Sound pressure level (dB(A))	37	33	29



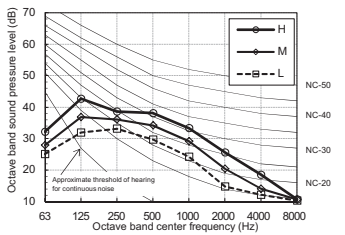
MMU-UP0091MH-E

Fan tap	H	M	L
Sound pressure level (dB(A))	38	33	29



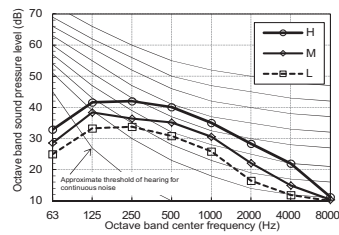
MMU-UP0121MH-E

Fan tap	H	M	L
Sound pressure level (dB(A))	38	34	30



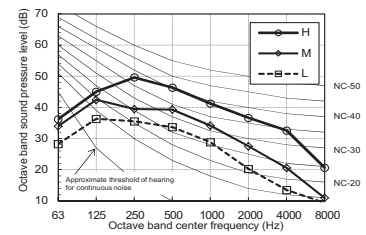
MMU-UP0151MH-E

Fan tap	H	M	L
Sound pressure level (dB(A))	40	35	31



MMU-UP0181MH-E

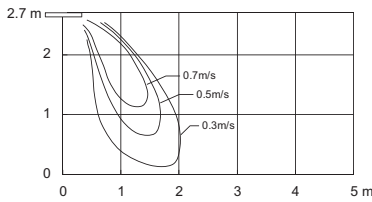
Fan tap	H	M	L
Sound pressure level (dB(A))	47	39	34



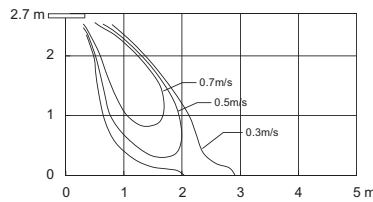
Air diffusion

Unit: m/s

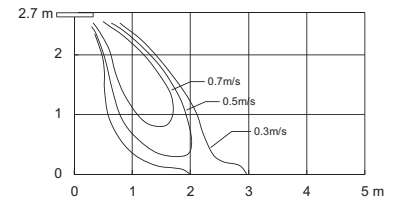
MMU-UP0051MH-E



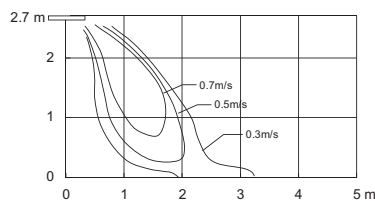
MMU-UP0071MH-E



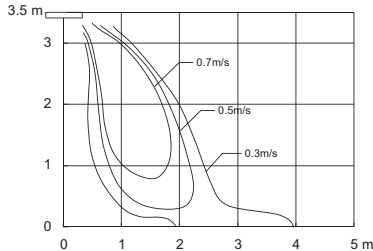
MMU-UP0091MH-E



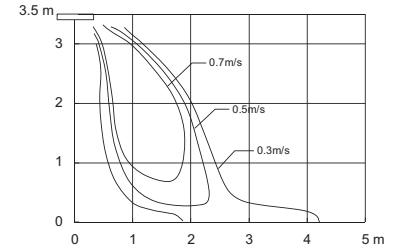
MMU-UP0121MH-E



MMU-UP0151MH-E (High ceiling mode)

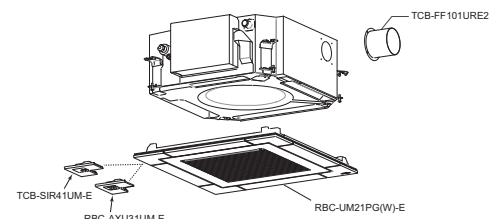


MMU-UP0181MH-E (High ceiling mode)



Accessories

Part name	Model name	Applied model	Notes
Ceiling panel	RBC-UM21PG(W)-E	MMU-UP___1MH-E	Required accessory
Auxiliary fresh air flange	TCB-FF101URE2		For easy fresh air intake by using the knock-out hole of indoor unit (dia=100 mm)
Wireless Remote Control kit	RBC-AXU31UM-E		*Wireless remote control kit and occupancy sensor cannot be used on the same indoor unit*
Occupancy sensor	TCB-SIR41UM-E		



Compact 4-way cassette connectors

CN32	CN60	CN61	CN70	CN73	CN80
Additional ventilation control from remote control	Operation status signal output (Cooling, heating, fan, defrost, thermo-on)	External On/Off, operation output and alarm output	Warning symbol on remote control based on signal input. No IDU thermo off.	Forced IDU thermo-off based on signal input	Forced IDU thermo-off and IDU lock based on signal input
•	TCB-PCUC2E pcb needed	•	TCB-PCUC2E pcb needed	TCB-PCUC2E pcb needed	TCB-PCUC2E pcb needed

