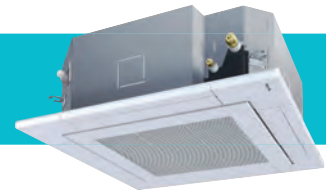


# MMU-UP\_1H-E 4-WAY CASSETTE HIGH PERFORMANCE



High efficiency 4-Way Cassette, simple and elegant design which fits various indoor space. It has a unique flap style for optimal air distribution.

CAPACITY



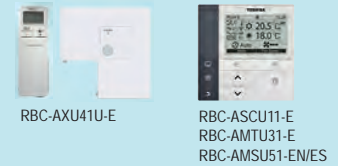
1 HP - 6 HP

SOUND PRESSURE LEVEL



26 dB(A)

LOCAL CONTROLS



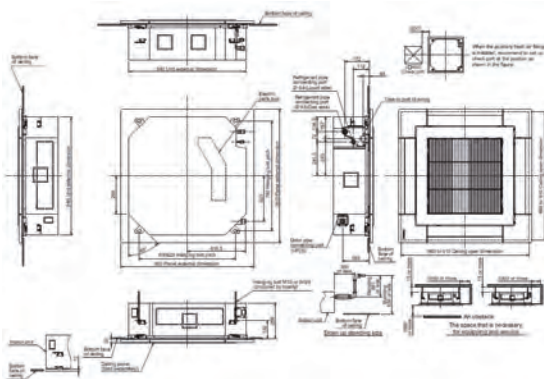
Features

Model name	MMU-	Standard										High efficiency		
		UP0091H-E	UP0121H-E	UP0151H-E	UP0181H-E	UP0241H-E	UP0271H-E	UP0301H-E	UP0361H-E	UP0481H-E	UP0561H-E	UP0092	UP0122	
<b>Cooling capacity</b>		kW	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	2.8	3.6
<b>Electrical characteristics</b>	Power supply	1-phase 230V (220-240V) 50Hz / 1-phase 220V (208-230V) 60Hz												
	Running current (50Hz/60Hz)	A	0.17/0.18	0.19/0.20	0.25/0.26	0.36/0.38	0.46/0.48	0.57/0.60	0.90/0.94	0.92/0.96	0.93/0.97	0.20/0.21	0.20/0.21	
	Power consumption (50Hz/60Hz)	kW	0.020/0.020	0.018/0.018	0.026/0.026	0.042/0.042	0.054/0.054	0.068/0.068	0.125/0.125	0.135/0.135	0.137/0.137	0.023/0.023	0.023/0.023	
	Starting current (50Hz/60Hz)	A	0.26/0.27	0.29/0.30	0.37/0.39	0.55/0.57	0.69/0.72	0.86/0.90	1.35/1.41	1.38/1.44	1.40/1.46	0.30/0.32	0.30/0.32	
<b>Appearance</b>	Main unit	Heat-insulating material attached - Zinc hot dipping steel plate												
	Ceiling panel name	RBC-U41PG(W)-E												
	Panel color	Gran White (Mansell 5PB9/1)												
<b>Outer dimensions</b>	Main unit (HxWxD)	mm	256x840x840		319x840x840						256x840x840			
	Ceiling panel (HxWxD)	mm	30x950x950											
<b>Total weight</b>	Main unit	kg	18		25						20			
	Ceiling panel	kg	5											
<b>Heat exchanger</b>		Finned tube												
<b>Soundproof / Heat-insulating material</b>		Non-flammable insulation												
<b>Fan unit</b>	Fan	Turbo fan												
	Standard air flow (H/M/L)	m³/h	846/768/708	1060/920/800	1260/1100/940	1580/1300/1120	1770/1380/1250	1940/1520/1400	2184/1596/1260	2262/1740/1368	2262/1782/1404	910/820/708		
	Motor output	W	60		130						60			
<b>Sound pressure level (H/M/L)</b>		dB(A)	30/28/26	32/30/28	36/33/31	41/37/35	42/37/35	44/39/37	45/38/32	46/39/33	46/40/35	35/33/30		
<b>Sound power level</b>		dB(A)	45	46	50	55	56	58	60	61	61	50		
<b>Air filter</b>		Standard filter supplied (Long life filter)												
<b>Controller (Optional)</b>		Wired or infrared remote controller												
<b>Connecting pipe</b>	Gas side	mm	9.5	9.5	12.7	12.7	15.9	15.9	15.9	15.9	15.9	15.9	9.5	9.5
	Liquid side	mm	6.4	6.4	6.4	6.4	9.5	9.5	9.5	9.5	9.5	9.5	6.4	6.4
	Drain port (nominal dia)	mm	25 (Polyvinyl chloride tube)											

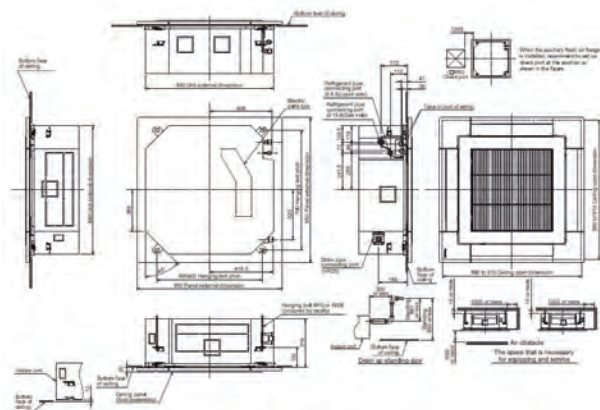
Drawings

Unit : mm

MMU-UP0091H-E to MMU-UP0121H-E  
MMU-UP0092 to MMU-UP0122



MMU-UP0151H-E to MMU-UP0561H-E

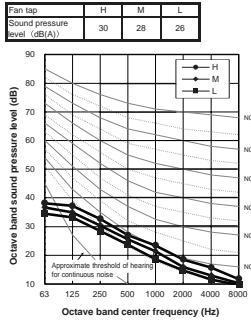


# 4-WAY CASSETTE HIGH PERFORMANCE

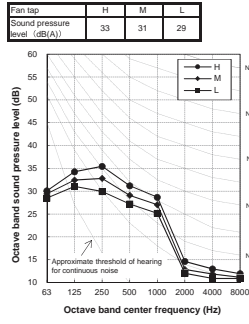
## Sound pressure levels

Unit : dB(A)

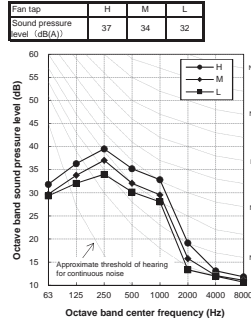
MMU-UP0091, 0121H-E



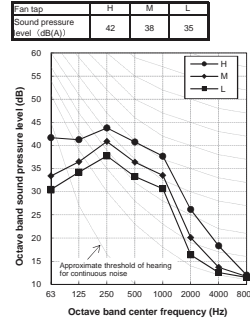
MMU-UP0151H-E



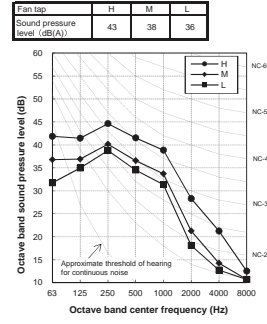
MMU-UP0181H-E



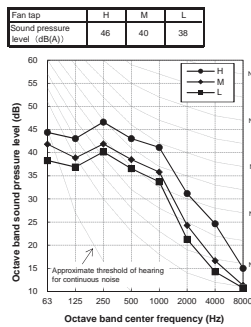
MMU-UP0241H-E



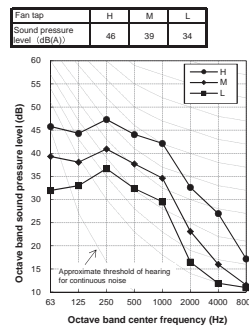
MMU-UP0271H-E



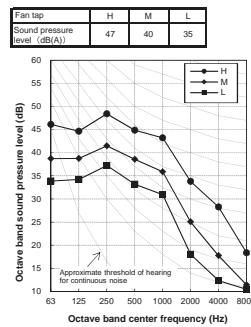
MMU-UP0301H-E



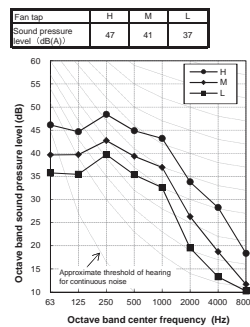
MMU-UP0361H-E



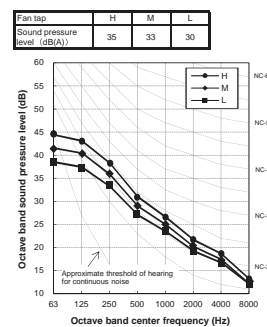
MMU-UP0481H-E



MMU-UP0561H-E



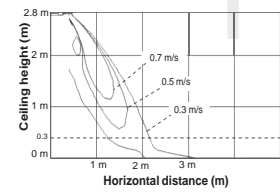
MMU-UP0092, 0122



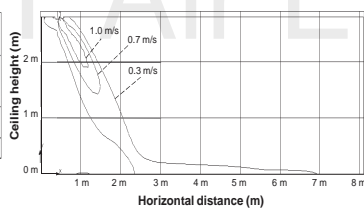
## Air diffusion

Unit : m/s

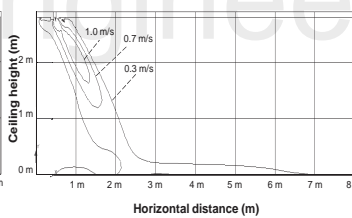
MMU-UP0091, 0121H-E  
MMU-UP0092, 0122



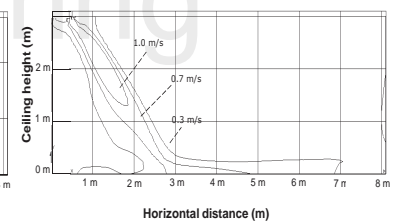
MMU-UP0151H-E



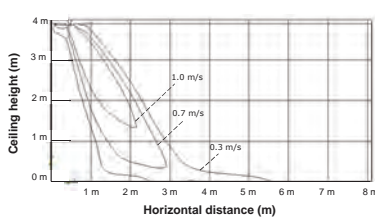
MMU-UP0181H-E



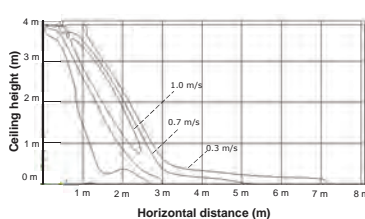
MMU-UP0241H-E



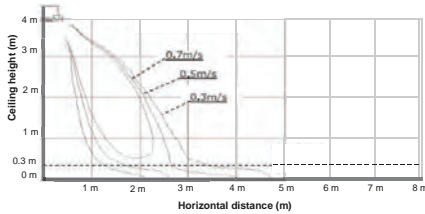
MMU-UP0271H-E



MMU-UP0301H-E



MMU-UP0361, 0481, 0561H-E



## Accessories

No.	Part name	Model name	Applied model	Notes	Remarks
1	Ceiling panel	RBC-U41PG(W)-E	MMU-UP_1H-E	Required accessory	
2	Wireless remote controller	RBC-AXU41U-E		For installing on panel	
3	Wireless remote controller	RBC-AXU31-E		For installing as stand alone	
4	Fresh air chamber	TCB-GFC1603UE			
5	Space for height adjustment	TCB-SP1603UE			
6	Air discharge direction kit	TCB-BC1603UE			
7	Occupancy sensor	TCB-SIR41U-E			

## 4-way cassette high performance 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
•	•	•	•	•	•