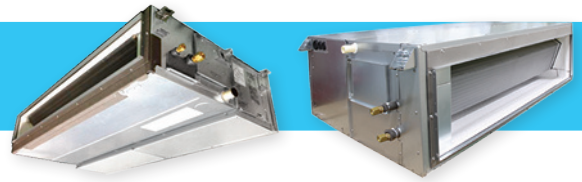


MMD-UP_HP HIGH STATIC PRESSURE DUCT



This is Toshiba's most powerful ducted unit delivering air flows up to 4,800 m³/h with an external static pressure up to 250 Pa.

CAPACITY



2 HP < 10 HP

SOUND PRESSURE LEVEL



37dB(A)

OUTDOOR UNITS COMPATIBILITY



Side Blow & Mini SMMS-e

SMMS-u

SMMS-e

SHRM-e

LOCAL CONTROLS



RBC-AXU31-E

RBC-ASCU11-E
RBC-AMTU31-E
RBC-AMSU51-EN/ES

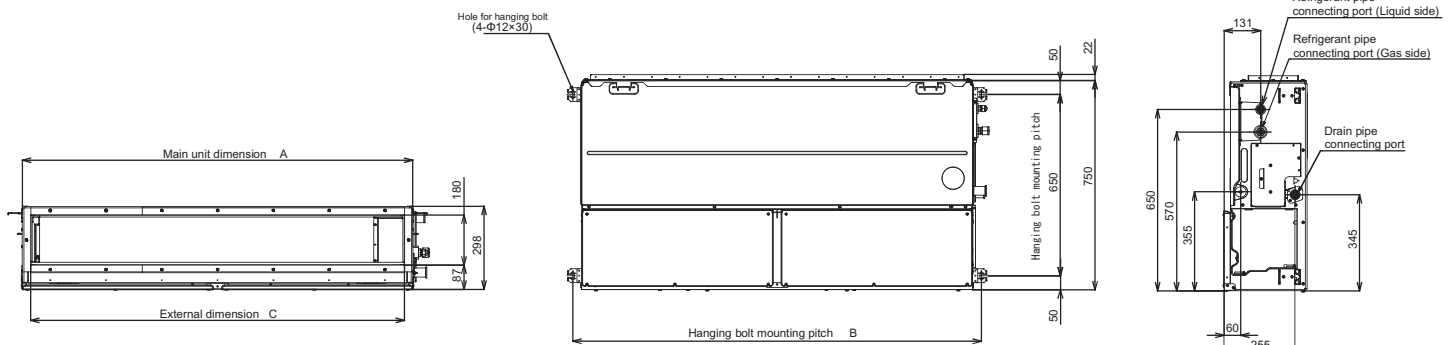
Features

Model name	MMD-	UP0181HP-E	UP0241HP-E	UP0271HP-E	UP0361HP-E	UP0481HP-E	UP0561HP-E	UP0721HP-E	UP0961HP-E	
Capacity code		2	2,5	3	4	5	6	8	10	
Cooling capacity	kW	5,6	7,1	8	11,2	14	16	22,4	28	
Heating capacity	kW	6,3	8	9	12,5	16	18	25	31,5	
Electrical characteristics	Power supply	1 phase 50Hz 230V(220V-240V) / 1 phase 60Hz 220V								
	Running current (A)	0,82	0,92	1,16	1,39	1,81	2,48	2,83	3,77	
	Power consumption (kW)	0,125	0,140	0,190	0,230	0,300	0,400	0,540	0,790	
	Starting current (A)	1,43	1,55	1,86	2,02	2,57	3,25	4,90	6,74	
Appearance		Zinc hot dipping steel plate								
Dimensions	HxLxP	mm	298x1000x750			298x1400x750		448x1400x900		
Total weight	kg		34			43		97		
Heat exchanger		Finned tube								
Soundproof / Heat-insulating material		Polyethylene foam								
Fan unit	Fan	Centrifugal fan								
	Standard air flow (High/Mid./Low)	m ³ /h	1100/990/900	1200/1050/960	1500/1350/1200	1920/1560/1340	2340/1980/1695	2760/2340/1920	3800/3200/2500	4800/4200/3500
	Motor output	W	250			350		250		
	External static pressure (factory setting)	Pa				100		150		
	External static pressure	Pa				50-75-125-150-175-200 (7steps)			50-83-117-150-183-217-250 (7steps)	
Sound pressure level (High/Med./Low)	dB(A)	37/33/31	38/34/31	43/41/38	41/37/34	44/41/38	46/44/41	44/40/36	46/42/38	
Sound power level (High/Med./Low)	dB(A)	60/54/50	60/55/51		62/57/53	65/62/54	68/64/56	79	81	
Controller		Remote controller								
Air filter		Sold separately (TCB-LK801D-E)			Sold separately (TCB-LK1401D-E)			Sold separately (TCB-LK2801D-E)		
Drain pump		Included						Sold separately (TCB-DP40DPE)		
Connecting Pipe	Gas side	inch	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	7/8"	7/8"
	Liquid side	inch	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"
	Drain port	mm	25(Polyvinyl chloride tube)							

Drawings

Unit: mm

MMD-UP0181HP-E to MMD-UP0561HP-E

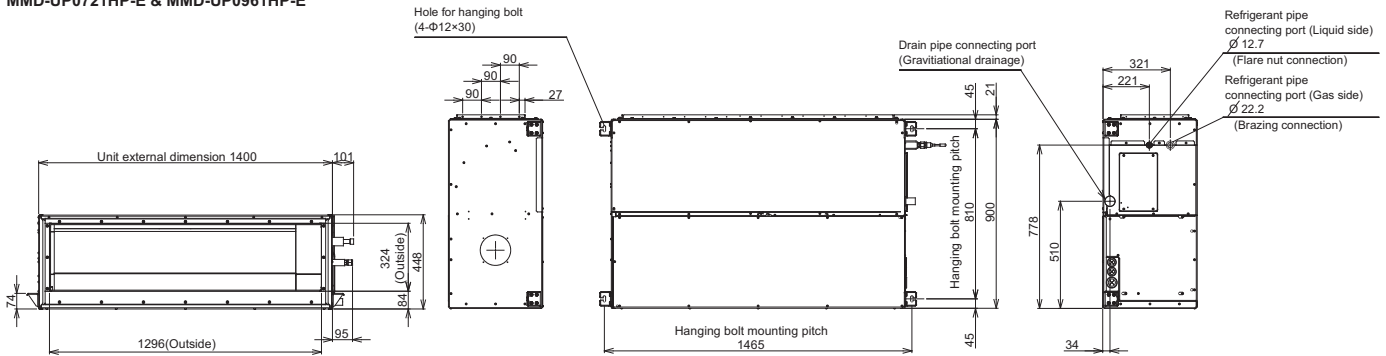


	A	B	C	D
MMD-AP0186-0276HP-E	1000	1065	940	500
MMD-AP0366-0566HP-E	1400	1465	1340	700

Drawings

Unit: mm

MMD-UP0721HP-E & MMD-UP0961HP-E

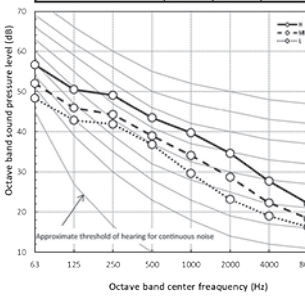


Sound pressure levels

Unit: dB(A)

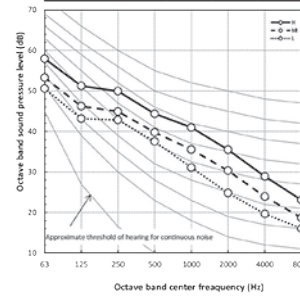
MMD-UP0181HP-E

External static pressure 150Pa				
Fan tap	H	M	L	
Sound pressure (dBA)	41.0	36.0	33.0	



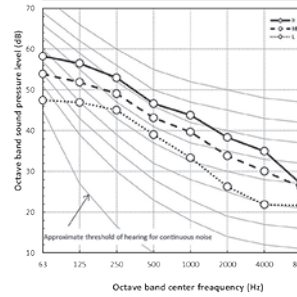
MMD-UP0241HP-E, MMD-UP0271HP-E

External static pressure 150Pa				
Fan tap	H	M	L	
Sound pressure (dBA)	42.0	37.0	34.0	



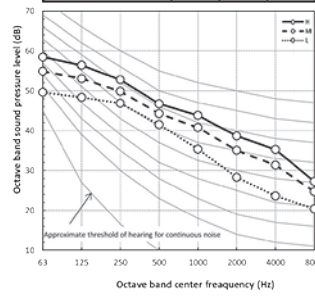
MMD-UP0361HP-E

External static pressure 150Pa				
Fan tap	H	M	L	
Sound pressure (dBA)	45.0	41.0	36.0	



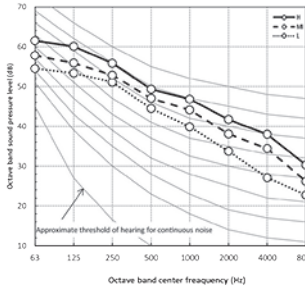
MMD-UP0481HP-E

External static pressure 150Pa				
Fan tap	H	M	L	
Sound pressure (dBA)	45.0	42.0	38.0	



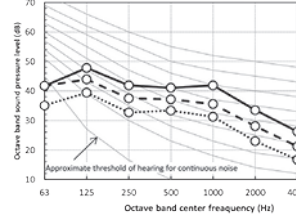
MMD-UP0561HP-E

External static pressure 150Pa				
Fan tap	H	M	L	
Sound pressure (dBA)	48.0	45.0	42.0	



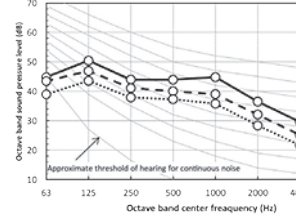
MMD-UP0721HP-E

External static pressure 150Pa				
Fan tap	H	M	L	
Sound pressure (dBA)	45.0	41.0	36.0	



MMD-UP0961HP-E

External static pressure 150Pa				
Fan tap	H	M	L	
Sound pressure (dBA)	45.0	41.0	36.0	



Accessories

Type	Model name	Applied model	Appearance	Remarks
Spigot shaped flange	TCB-SF80C6BE	MMD-UP0181/0241/0271HP-E		263x994x175mm / Spigot diameter 200mm
	TCB-SF160C6BE	MMD-UP0361/0481/0561HP-E		263x1394x175mm / Spigot diameter 200mm
Long life filter kit	TCB-LK801D-E	MMD-UP0181/0241/0271HP-E		Flange shaped Mount chassis directly Upside down mounting possible Left and right removable
	TCB-LK1401D-E	MMD-UP0361/0481/0581HP-E		
	TCB-LK2801DP-E	MMD-UP0721/0961HP-E		
Auxiliary fresh air flange	TCB-FF151US-E	UP0181/0241/0271/0361/0481/0581HP-E		
Drain pump kit	TCB-DP40DPE	MMD-AP0721/0961HP-E		

HSP duct 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
Up to 6HP	•	•	•	•	•	•
8 & 10HP	•	TCB-PCUC2E pcb needed	•	TCB-PCUC2E pcb needed	TCB-PCUC2E pcb needed	TCB-PCUC2E pcb needed