

Specifications

Załącznik 16

Standard Duct Type <Single Type>

Model		Indoor unit		RAV-RM561BTP-E/TR	RAV-RM801BTP-E/TR	RAV-RM1101BTP-E/TR	RAV-RM1401BTP-E/TR
		Outdoor unit (RAV-GM***ATJP-E)		RAV-GM561ATP-E/TR	RAV-GM801ATP-E/TR	RAV-GM1101ATP-E/TR	RAV-GM1401ATP-E/TR
Cooling capacity (kW)				5.0 < 1.5 - 5.6 >	6.7 < 1.5 - 7.4 >	9.5 < 3.0 - 11.2 >	12.1 < 3.0 - 13.2 >
Heating capacity (kW)				5.3 < 1.5 - 6.3 >	7.7 < 1.5 - 9.0 >	11.2 < 3.0 - 13.0 >	13.0 < 3.0 - 16.0 >
Power supply				1 phase 220V-240V/50Hz, 1phase 220V/60Hz			
Electrical characteristics	Cooling	Running current (A)	8.58 - 7.86	11.20 - 10.20	14.50-13.20	21.40-19.60	
		Power consumption (kW)	1.83	2.38	2.99	4.42	
		Power factor (%)	97	97	94	94	
		EER	2.73	2.82	3.18	2.74	
		SEER	5.28	5.20	5.28	5.36	
	Heating	Running current (A)	7.59 - 6.96	10.90 - 9.97	14.50-13.30	17.40-15.90	
		Power consumption (kW)	1.62	2.32	2.99	3.60	
		Power factor (%)	97	97	94	94	
		COP	3.27	3.32	3.75	3.61	
		SCOP	4.08	4.13	4.19	4.19	
Maximum current		15.5	15.5	22.8	22.8		
Indoor unit							
Appearance		Main unit		Zinc hot dipping hot steel			
Outer dimension		Main unit	Height (mm)	275			
			Width (mm)	700	1,000	1,400	
			Depth (mm)	750			
Total weight		Main unit (kg)		23	30	40	
Fan unit		Fan		Centrifugal fan			
		Air Flow	H/M/L (m3/h)	800 / 630 / 480	1200 / 930 / 720	2100 / 1650 / 1260	2100 / 1650 / 1260
		Motor (W)		150		250	
Extamal static pressure		Standard (Upper - Lower) (Pa)		30 (120 - 30)		50 (120 - 30)	
Air filter				Standard filter (Long life filter)			
Sound pressure level			H/M/L (dB)	33 / 29 / 25	34 / 30 / 26	40 / 36 / 33	40 / 36 / 33
Sound power level			H/M/L (dB)	48 / 44 / 40	49 / 45 / 41	55 / 51 / 48	55 / 51 / 48
Connecting pipe		Drain port		VP25			
Outdoor unit							
Air Flow (m3/h)			2,400	2,700	4,080	4,200	
Outer dimension		Height (mm)	550		890		
		Width (mm)	780		900		
		Depth (mm)	290		320		
Total weight		Main unit (kg)	40	44	68		
Pipe		Min. length (m)	5.0				
		Max. total length (m)	30.0		50.0		
Flare Connections		Gas side (mm)	12.7	15.9			
		Liquid side (mm)	6.4	9.5			
Sound pressure level		Cooling/Heating (dB)	46 / 48	48 / 52	54 / 57	55 / 57	
Sound power level		Cooling/Heating (dB)	63 / 65	65 / 69	70 / 74	70 / 74	
Operating Range		Cooling (°C)	-15 / 46				
		Heating (°C)	-15 / 15				

*1 : The cooling capacities and electrical characteristics are measured under the conditions specified by JIS B 8615 based on the reference piping. The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

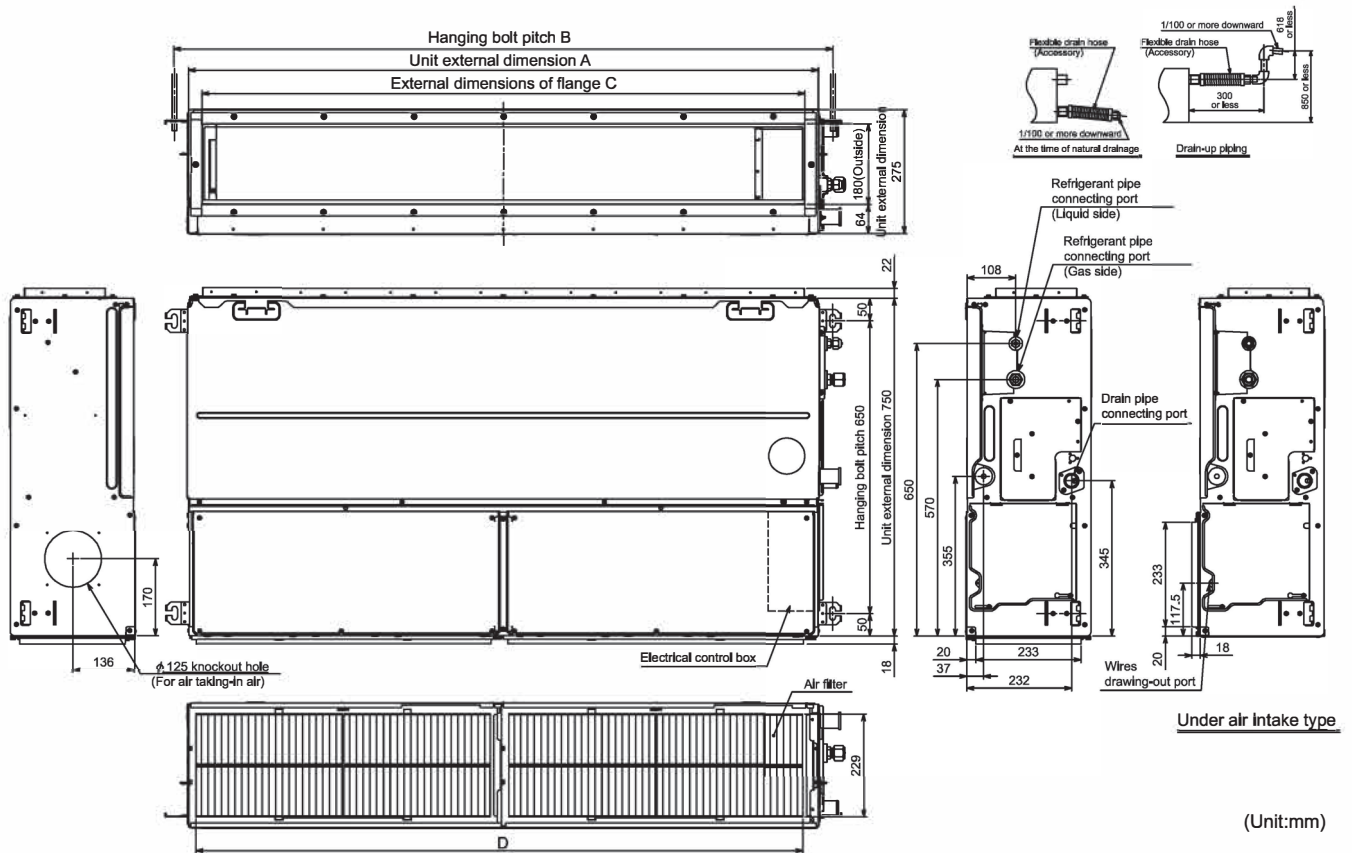
*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operating environment become larger than the indicated values due to the effects of external sound.

Note :

Rated conditions Cooling : Indoor air temperature 27°C DB/19°C WB, Outdoor air temperature 35°C DB
Heating : Indoor air temperature 20°C DB, Outdoor air temperature 7°C DB/6°C WB

Dimension

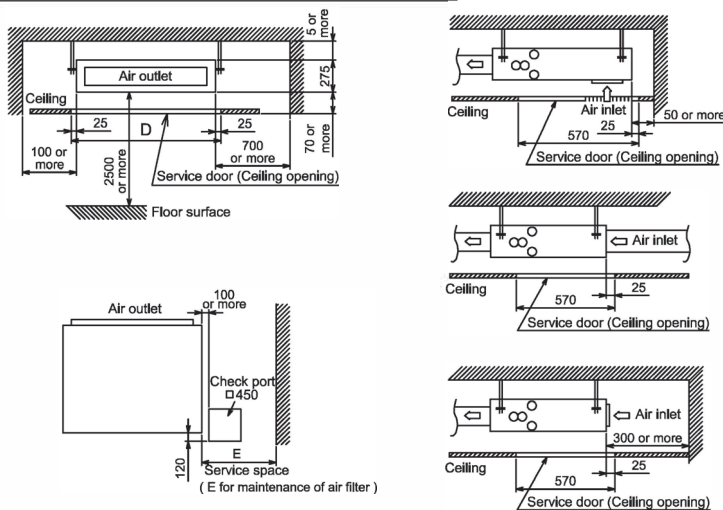
RAV-RM561BTP-E/TR, RAV-RM801BTP-E/TR, RAV-RM1101BTP-E/TR and RAV-RM1401BTP-E/TR



Dimension

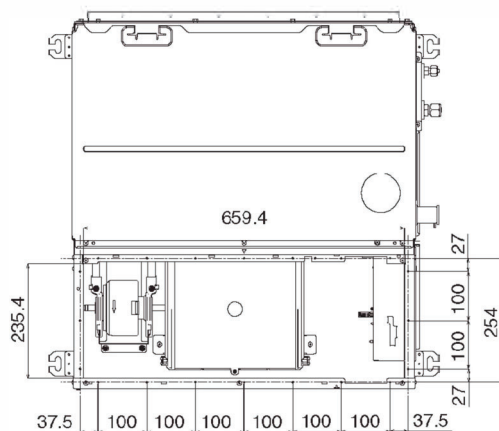
	A	B	C	D
RAV-SM566BTP-E / E1	700	765	640	750
RAV-SM806BTP-E / E1	1000	1065	940	1050
RAV-SM1106BTP-E / E1	1400	1465	1340	1450
RAV-SM1406BTP-E				

Space required for installation and servicing

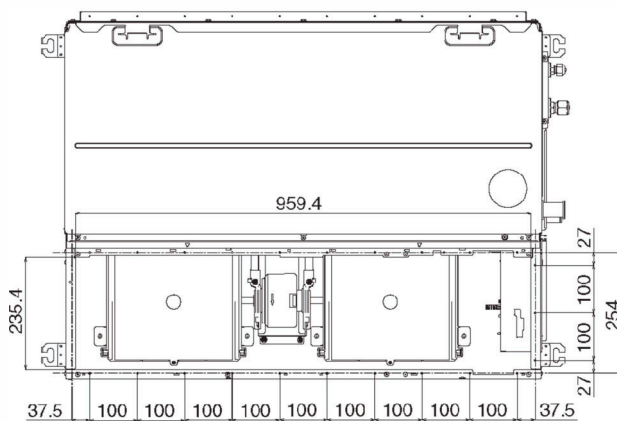


	E
RAV-SM566BTP-E / E1	700
RAV-SM806BTP-E / E1	500
RAV-SM1106BTP-E / E1	700
RAV-SM1406BTP-E	

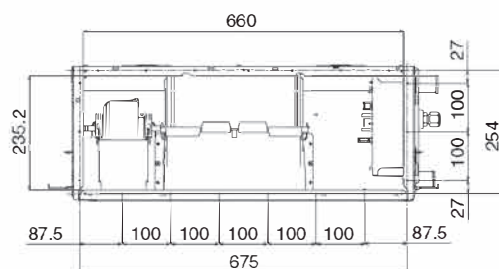
<Under air intake>



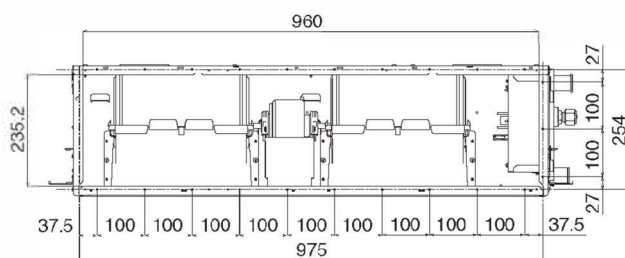
<Under air intake>



<Back air intake>

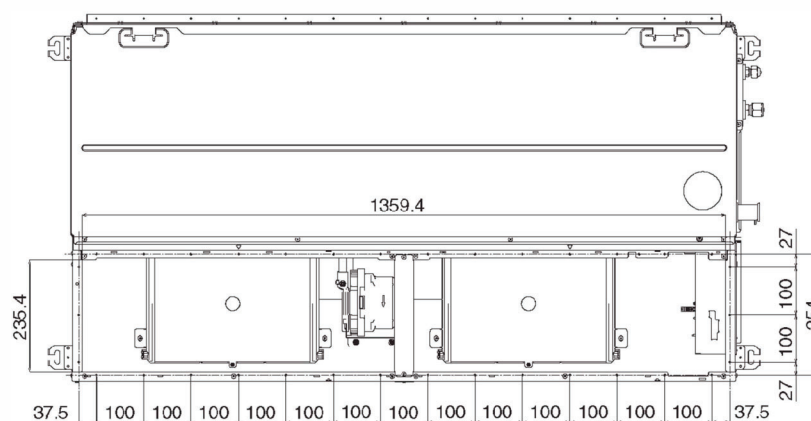


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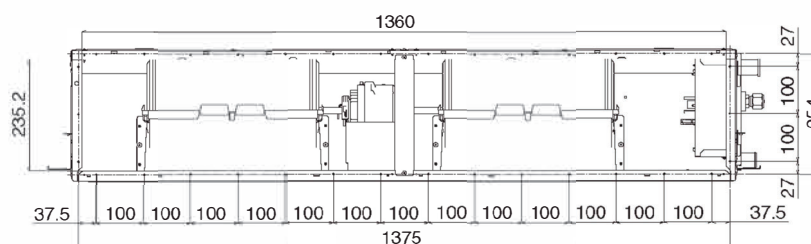


RAV-RM1101BTP-E/TR and RAV-RM1401BTP-E/TR

<Under air intake>



<Back air intake>



Wiring Diagrams

RAV-RM561BTP-E/TR, RAV-RM801BTP-E/TR, RAV-RM1101BTP-E/TR and RAV-RM1401BTP-E/TR

1. Broken line indicate the wiring at site.
Long dashed short dashed line indicate the accessories.
2. indicates the terminal block.
 indicates the connection terminal.
3. indicates the connector on the control P.C. board.
 indicates the protection ground.
4. indicates the control P.C. board.

