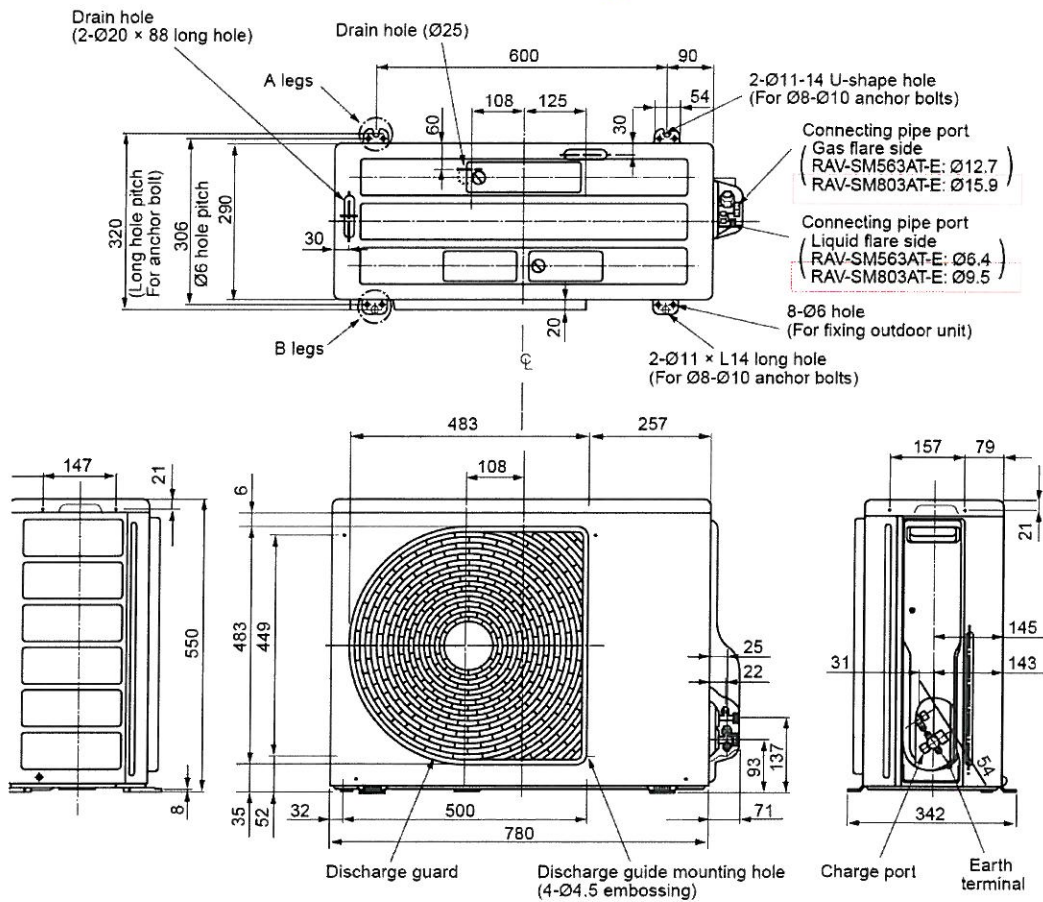
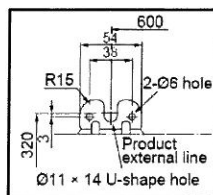
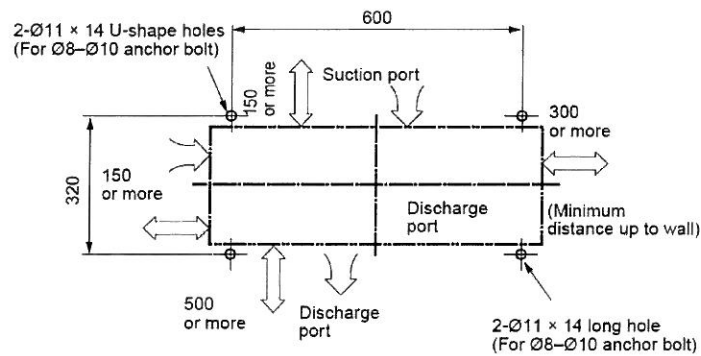


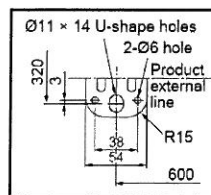
RAV-SM563 & 803 AT-E Dimensional Drawing



required for service



Details of A legs



Details of B legs

Digital Inverter 4-Way Cassette Specification

	Indoor Outdoor	RAV-			
		SM563UT-E SM563AT-E	SM803UT-E SM803AT-E	SM1103UT-E SM1103AT-E	SM1403UT-E SM1403AT-E
Refrigerant		R410A			
		2HP	3HP	4HP	5HP
Cooling capacity	kW	5.3	6.7	10.0	12.1
Cooling capacity at design conditions	kW	5.70	8.14	11.39	13.43
Capacity range, min-max	kW	1.5-5.6	1.5-7.4	3.0-11.2	3.0-13.2
Power input, cooling	kW	1.65	2.09	3.11	3.77
EER, cooling	W/W	3.21	3.21	3.22	3.21
Heating capacity	kW	5.6	8.0	11.2	14.0
Heating capacity at design conditions	kW	3.40	5.24	7.56	9.31
Capacity range, min-max	kW	1.5-6.3	1.5-9.0	3.0-13.0	3.0-16.0
Power input, heating	kW	1.44	2.21	3.10	3.88
COP, heating	W/W	3.89	3.62	3.61	3.61
Energy label, cooling		A	A	A	A
Energy label, heating		A	A	A	A
Indoor unit					
Fan type		Turbo fan	Turbo fan	Turbo fan	Turbo fan
Air flow	m ³ /h	1050-834-726	1200-942-816	1680-1320-1080	2040-1500-1200
Dimensions, height x width x depth	mm	256x840x840	256x840x840	319x840x840	319x840x840
Weight	kg	21	22	26	26
Panel dimensions, height x width x depth	mm	35x950x950	35x950x950	35x950x950	35x950x950
Panel weight	kg	4.5	4.5	4.5	4.5
Sound pressure level at 1.5m, H-M-L	dB	32-29-27	37-31-28	39-36-33	47-38-34
Sound power level, H-M-L	dB	47-44-42	52-46-43	54-51-48	62-53-49
Outdoor unit					
Dimensions, height x width x depth	mm	550x780x290	550x780x290	795x900x320	795x900x320
Weight	kg	38	42	77	77
Air flow	m ³ /4	2400	2700	4500	4500
Sound pressure level at 1m, cooling/heating	dB	46/48	48/50	53/54	53/54
Sound power level, cooling/heating	dB	63/65	65/67	70/71	70/71
Pipe connections, gas-liquid	in	1/2-1/4	5/8-3/8	5/8-3/8	5/8-3/8
Maximum height difference	m	30	30	30	30
Pipe length, maximum/minimum	m	30/5	30/5	50/5	50/5
Pipe length, pre-charged	m	20	20	30	30
Max. operating current, cooling	A	7.9	10.1	14.4	17.7
Fuse size	A	10	16	20	20
Power supply (to outdoor unit)	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50
Interconnecting cables	m	3+E	3+E	3+E	3+E
Outside air operating range, cooling	°C	-15 to 43			
Outside air operating range, heating	°C	-15 to 15			

Capacities are based on Eurovent conditions:

Cooling: indoor air temperature 27°C db/19°C wb, outdoor air temperature 35°C db/24°Cwb

Heating: indoor air temperature 20°C db, outdoor air temperature 7°C db