

GREAT TECHNOLOGY

Antarctica Coolness

Cassette type air conditioning



360°



RotaClimate



Climate is under your control

Air conditioning is in
your control due to
Rota Climate's high
technology.

Technology Team



360°

24000BTU ~ 42000BTU ~ 48000BTU
(27.000-30.500) (42.000-48.000) (54.000-59.000)



ENERGY



GASE



-15 °C



BIOFILTER



TURBO



RESTART



SLEEP MODE



WIDE WIND



TIMER



WiFi (opsyone1)



29dB
Ultra Quiet
Operation



Wind Wings
Wide Comfortable Spaces



Bio Filter
BioFilter blocks harmful
bacteria and keeps the air
clean and fresh.



60% energy saving
R32 Refrigerant



Comfort Sleep Mode

Overheating and overcooling
are avoided at night by
activating Comfort
Sleep Mode with the OFF key.



Strong Mode

It provides powerful pressing a
key. Performance with just



Model			CASSETTE 24	CASSETTE 42	CASSETTE 48
Indoor Model			CASSETTE 24 ID	CASSETTE 42 ID	CASSETTE 48 ID
Outdoor Model			CASSETTE 24 OD	CASSETTE 42 OD	CASSETTE 48 OD
Average	Pdesign I	kW	7.0	12.1	14.0
	SEER	W/W	6.2	6.1	6.1
	Energy Efficiency Class		A++	A++	A++
	Seasonal space cooling energy efficiency (η _{s,c})	%			241
	Pdesign S	kW	6.0	9.5	11.0
	SCOP	W/W	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+
	Seasonal space heating energy efficiency (η _{s,h})	%			157
Heating (Aegean-Mediterranean region)	Design temperature	°C	-7	-7	-7
	Pdesign S	kW	6.3	9.8	12
	SCOP	W/W	5.1	5.1	5.0
	Energy Efficiency Class		A+++	A+++	A++
Cooling	Design temperature	°C	2	2	2
	Tol	°C	-15	-15	-15
	Electric welding				
	Indoor Unit	V,Ph,Hz	220-240V, 1Ph,50Hz	220-240V, 1Ph,50Hz	220-240V, 1Ph,50Hz
Heating	Outdoor Unit	V,Ph,Hz	220-240V, 1Ph,50Hz	220-240V, 1Ph,50Hz	380-415V, 3Ph,50Hz
	Capacity	Btu/h	24000(11263-27000)	41000(10000-42000)	48000(12000-54000)
		kW	7.03(3.30-7.91)	12.02(2.93-12.31)	14.07(3.52-15.83)
	Electric power	W	2320(780-2748)	4200(680-4350)	4650(800-5900)
Indoor Unit	Operating current	A	10.2(4.2-12)	18.8(3.1-19.1)	8.1(1.8-10.2)
	Capacity	Btu/h	26000(9577-30500)	46000(11500-48000)	55000(14000-59000)
		kW	7.62(2.81-8.94)	13.48(3.37-14.07)	16.12(4.10-17.29)
	Electric power	W	1900(610-2700)	3700(750-4250)	4580(900-5500)
Outdoor Unit	Operating current	A	8.5(3.6-12.1)	16.3(3.4-19)	8.0(1.9-9.5)
	Air flow (Hi/Mi/Lo)	m³/h	1247/1118/992	1900/1750/1600	1900/1750/1600
	Sound pressure level (Hi/Mi/Lo)	dB(A)	50/47.5/42/29	52.5/50/47.5/40	52.5/50.5/48/40
	Sound power level	dB(A)	57	65	65
Indoor unit	Sound power level	dB(A)	60	63	63.5
	Sound pressure level	dB(A)	67	71	73
	Dimension Device (W*D*H)	mm	830x830x205	830x830x287	830x830x287
	Packing Device (W*D*H)	mm	910x910x250	910x910x330	910x910x330
Refrigerant piping	Dimension Panel (W*D*H)	mm	950x950x55	950x950x55	950x950x55
	Packing Panel (W*D*H)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross Weight Device	kg	21.6/25.4	29.3/33.5	29.3/33.5
	Net/Gross Weight Panel	kg	6/9	6/9	6/9
Drainage water pipe diameter		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Refrigerant pipes		mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
Control type			Remote Control		
Room temperature	Cooling	°C	16-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30
Compressor	Type		Twin-ROTARY	ROTARY	ROTARY
Outdoor Unit	Air flow	m³/h	3500	4000	7500
	Dimension(W*D*H)	mm	890x342x673	946x410x810	952x415x1333
	Packing (W*D*H)	mm	995x398x740	1090x500x885	1095x495x1480
	Net/Gross weight	Kg	43.9/46.9	71.0/75.0	103.7/118.3
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	1.5	2.8	2.9
Outdoor sound pressure level		dB(A)	55.5	56.0	56
Outdoor sound power level		dB(A)	61	62	63
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	50	75	75
	Max. difference in level	m	25	30	30
Ambient temperature	Operating temperature range (cooling)	°C	-15-50	-15-50	-15-50
	Operating temperature range (heating)	°C	-20-24	-20-24	-20-24

*Leakage in refrigerants causes climate change. Material that has refrigerants with lower global warming potential (GWP) contribute less to global warming if they leak into the atmosphere than materials that have higher GWP. This device contains refrigerant liquid has GWP equal to [xxx]. In case of the coolant liquid in question leakage into the atmosphere, means that the impact on global warming will be [xxx] times greater than 1 kg CO₂ over a 100-year period. Never interfere with the refrigerant circuit or attempt to disassemble the product yourself, and always consult an expert.

*Energy consumption according to standard test results. Actual energy consumption will vary depending on how the device is used and where it is located.