

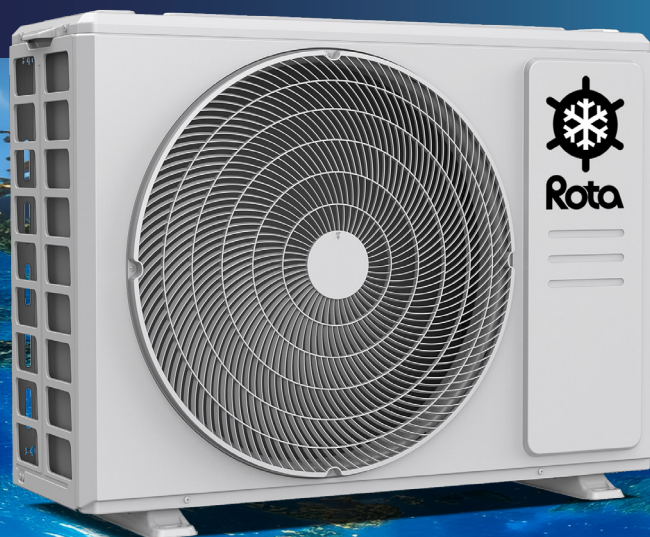


RotaClimate



OCTOPUS

MULTI SERI



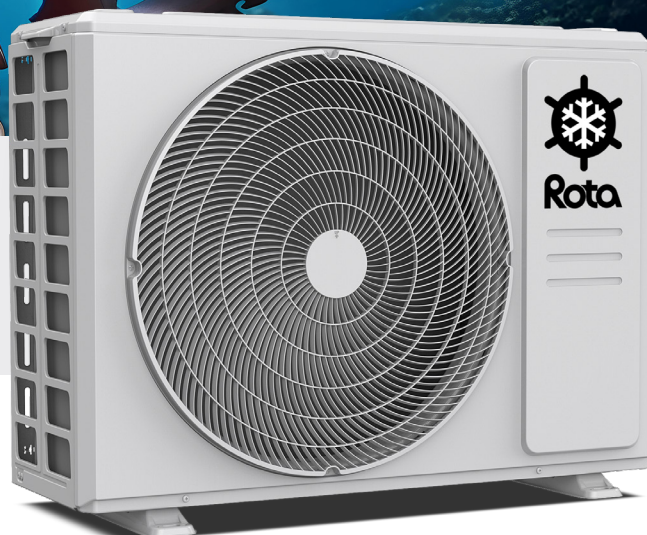
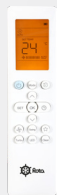
Rota



Our route is
sustainable
future.

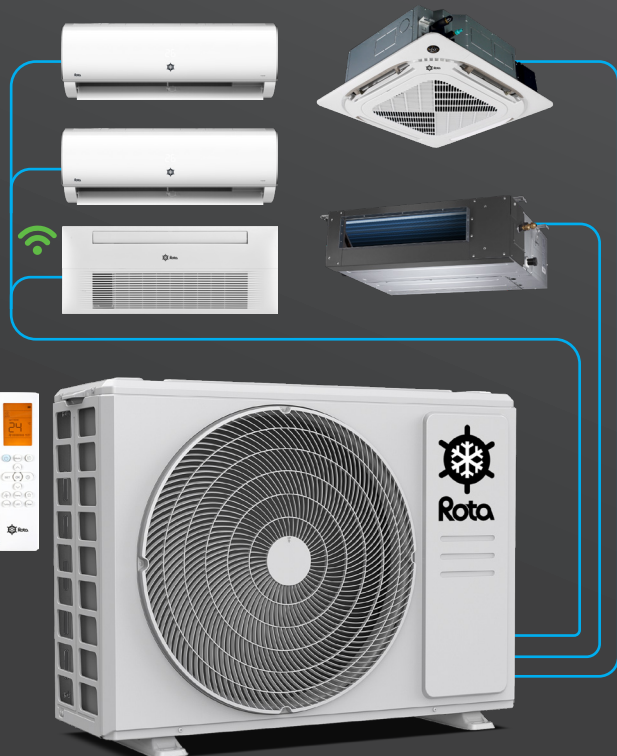



OCTOPUS
MULTI SERI



Single Outdoor Unit, Multiple Indoor Units

Thanks to Rota Climate's advanced technology, with a single outdoor unit and five indoor units, you save space outside whilst creating a comfortable environment inside.



Flexible and efficient climate control.

It prevents visual clutter, particularly in buildings with limited space for outdoor unit installation, and provides independent temperature control.



New Model One-Way Cassette

Always stylish, always functional, with standard Wi-Fi control.



Key Features



Energy Class

Inverter Technology is a system that enhances efficiency by adjusting the motor's operating frequency.



BioFilter Feature

The BioFilter reduces allergens and microbes in the air, creating a cleaner, safer and 'bio-safe' living environment.



Ultra-Quiet

With an ultra-quiet operation of 29 dB, silence is now an accessible luxury.



Turbo Mode

Delivers stronger performance at the touch of a button. It cools or heats the room quickly. You have more time for yourself.



Sleep Mode

Select the sleep mode before bed using the designated button to ensure a comfortable night's sleep, preventing excessive heating or cooling throughout the night.



R32 Refrigerant Gas

The energy-saving R32 refrigerant helps you save money too.



Operation at -15 °C

Even in extreme cold, it never lets you down with its flawless performance.



Wide Airflow

Instant cooling thanks to its superior performance and wide airflow.



Auto-Restart

In the event of a power cut, the unit automatically resumes operation at the last set mode, temperature and fan speed once power is restored.



Timer

A feature that allows the unit to automatically switch on or off at a set time, offering both comfort and energy savings.



WiFi Technology

Control your home's climate remotely via WiFi.

*Standard on the single-way model, optional on the four-way model.

M2-18 OD

18 BTU 2+1 OD Unit	2 ID Unit	9+9	9+12	12+12
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M3-28 OD

28 BTU 3+1 OD Unit	2 ID Unit	9+9	9+12	9+18	12+12	12+18
	3 ID Unit	9+9+9	9+9+12	9+12+12	12+12+12	

M4-36 OD

36 BTU 4+1 OD Unit	2 ID Unit	9+24	12+24	18+18	18+24				
	3 ID Unit	9+9+18	9+9+24	9+12+18	9+12+24	9+18+18	12+12+18	12+12+24	12+18+18
	4 ID Unit	9+9+9+9	9+9+9+12	9+9+9+18	9+9+12+12	9+9+12+18	9+12+12+12	12+12+12+12	

M5-42 OD

42 BTU 5+1 OD Unit	3 ID Unit	12+18+24	18+18+18			
	4 ID Unit	9+9+12+24	9+9+18+18	9+12+12+18	12+12+12+18	
	5 ID Unit	9+9+9+9+9	9+9+9+9+12	9+9+9+9+18	9+9+9+12+12	9+9+12+12+12





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Wall-mounted Unit			MS 09-ID	MS 12-ID	MS 18-ID	MS 24-ID
Power supply		V/Hz/Ph	220V-240V,1Ph,50Hz	220V-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	kW / Btu/h	2,64 / 9000	3,52 / 12000	5,28 / 18000	7,00 / 24000
	Input	W	20	20	34	62
	Rated current	A	0,09	0,09	0,15	0,28
Heating	Capacity	kW / Btu/h	2,93 / 10000	3,81 / 13000	5,56 / 19000	7,32 / 25000
	Input	W	20	20	34	62
	Rated current	A	0,09	0,09	0,15	0,28
Indoor air flow (Hi/Mi/Lo)		m3/h	520/460/340	600/500/360	840/680/540	980/817/662
Indoor sound pressure level(Hi/Mi/Lo)		dB(A)	40/30/26/21	40/34/26/22	44/37/30/25	44,5/42/34,5/28
Indoor sound power level		dB(A)	54	53	55	59
Indoor unit	Dimension(W*D*H)	mm	805x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	870x270x360	870x270x360	1035x295x380	1120x405x310
	Net/Gross weight	Kg	7,5/9,7	7,5/9,7	10/13	12,3/15,8
	Liquid side/ Gas side	mm(inch)	Φ6,35(1/4")/Φ9,52(3/8")	Φ6,35(1/4")/Φ9,52(3/8")	Φ6,35(1/4")/Φ12,7(1/2")	Φ9,52(3/8")/Φ15,9(5/8")
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Room temperature	Cooling	°C	17-32	17-32	17-32	17-32
	Heating	°C	0-30	0-30	0-30	0-30
Operation temperature		°C	17-30	17-30	17-30	17-30
Duct Unit			MD 09-ID	MD 12-ID	MD 18-ID	MD 24-ID
Power supply		V- Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	kW / Btu/h	2,64 / 9000	3,52 / 12000	5,28 / 18000	7,04 / 24000
	Input	W	70	70	184	208
	Current	A	0,42	0,42	1,19	1,35
Heating	Capacity	kW / Btu/h	2,93 / 10000	3,81 / 13000	5,56 / 19000	7,62 / 25000
	Input	W	70	70	184	208
	current	A	0,42	0,42	1,19	1,35
Indoor air flow (Hi/Mi/Lo)		m3/h	500/340/230	600/480/300	911/706,3/515,2	1229/1035/825,1
ESP	Rated	Pa	25	25	25	25
	Range	Pa	0-40	0-60	0-100	0-160
Indoor sound pressure level (Hi)		dB(A)	40/34,5/27,5	34,5/30,5/29/23	41/38/34/26	49/46/41/27
Indoor sound power level (Hi)		dB(A)	58	57	58	61
Indoor unit	Dimension(W*D*H)	mm	700x450x200	700x506x200	880x674x210	1100x774x249
	Packing (W*D*H)	mm	860x540x275	860x540x285	1070x725x280	1305x805x315
	Net/Gross weight	Kg	18/22	17,8/21,5	24,4/29,6	32,3/39,1
	Drainage water pipe dia.	mm	ODΦ25	ODΦ25mm	ODΦ25mm	ODΦ25mm
Refrigerant piping		Liquid side/ Gas side	mm(inch)	Φ6,35(1/4")/Φ9,52(3/8")	6,35mm(1/4in)/9,52mm(3/8in)	6,35mm(1/4in)/12,7mm(1/2in)
Controller			Wired Control	Wire Control	Wired control	Wired control
Operation temperature		°C	17-30	16-30	16-30	16-30
Room temperature	Cooling	°C	17 ~ 32	16 ~ 32	16 ~ 32	16 ~ 32
	Heating	°C	0 ~ 30	0-30	0-30	0-30
Cassette Unit - One Way			MC1-09	MC1-12	MC1-18	MC1-24
Power supply		V/Hz/Ph	220-240V , 50Hz , 1Ph	220-240V , 50Hz , 1Ph	220-240V , 50Hz , 1Ph	220-240V , 50Hz , 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	50	50	80	80
	Rated current	A	0,3	0,3	0,4	0,4
Heating	Capacity	Btu/h	10000	13000	19000	24000
	Input	W	50	50	80	80
	Rated current	A	0,3	0,3	0,4	0,4
Indoor air flow		m3/h	470/360/270	500/420/300	920/800/690	1000/870/730
Indoor sound pressure level		dB(A)	42/37/34	44/39/34	45/41/35	45/42/37
Indoor sound power level		dB(A)	55	56	58	60
Indoor unit	Dimension (W x Dx H) (body)	mm	880x450x130	880x450x130	1180x450x130	1180x450x130
	Packing (W x Dx H) (body)	mm	1115x555x240	1115x555x240	1415x555x240	1415x555x240
	Net/Gross weight(body) (body)	kg	14,7/18,5	14,6/18,5	17,9/22,4	17,9/22,4
	Dimension (W x Dx H) (panel)	mm	1180x500x34	1180x500x34	1480x500x34	1480x500x34
	Packing (W x Dx H) (panel)	mm	1280x626x136	1280x626x136	1580x626x136	1580x626x136
	Net/Gross weight (panel)	kg	4,4/7,9	4,4/7,9	5,3/9,4	5,3/9,4
Drainage water pipe dia.		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Refrigerant piping		Liquid side/ Gas side	mm	6,35mm(1/4in)/9,52mm(3/8in)	6,35mm(1/4in)/12,7mm(1/2in)	6,35mm(1/4in)/12,7mm(1/2in)
Controller			Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature		°C	16-30	16-30	16-30	16-30
Room temperature	Cooling	°C	16 ~ 32	16 ~ 32	16 ~ 32	16 ~ 32
	Heating	°C	0-30	0-30	0-30	0-30
Cassette Unit - Four Way			MCA4-12 ID		MCA4-18 ID	MC4-24 ID
Power supply		V/Hz/Ph	220-240V , 50Hz , 1Ph		220-240V , 50Hz , 1Ph	220-240V , 50Hz , 1Ph
Cooling	Capacity	kW / Btu/h	12000		18000	24000
	Input	W	40		45	64
	Rated current	A	0,7		0,75	0,51
Heating	Capacity	kW / Btu/h	13000		19000	26000
	Input	W	40		45	64
	Rated current	A	0,7		0,75	0,51
Indoor air flow		m3/h	620/520/300		660/540/300	1247/1118/992
Indoor sound pressure level		dB(A)	41/38/35		43/39,5/35,5	45/42,5/37/27,5
Indoor sound power level		dB(A)	58		60	59
Indoor unit	Dimension (W x Dx H)(body)	mm	570x570x245		570x570x245	830x830x205
Indoor unit	Packing (W x Dx H)(body)	mm	715x640x295		715x640x295	910x910x250
Indoor unit	Net/Gross weight(body)	kg	16,1/18,8		16,2/19	950x950x55
Indoor unit	Dimension (W x Dx H)(panel)	mm				1035x1035x90
Indoor unit	Packing (W x Dx H)(panel)	mm				21,6/25,4
Indoor unit	Net/Gross weight	kg				6/9
Design pressure		MPa	4,3/1,7		4,3/1,7	4,3/1,7
Drainage water pipe dia.		mm	ODΦ25mm		ODΦ25mm	ODΦ25mm
Refrigerant piping		Liquid side/ Gas side	mm		6,35mm(1/4in)/12,7mm(1/2in)	9,52mm(3/8in)/15,9mm(5/8in)
Controller			Remote Control		Remote Control	Remote Control
Operation temperature		°C	16-30		16-30	16-30
Room temperature	Cooling	°C	16 ~ 32		16 ~ 32	16 ~ 32
	Heating	°C	0-30		0-30	0-30

*Leaks of refrigerants contribute to climate change. Refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP if they escape into the atmosphere. This appliance contains a refrigerant with a GWP of [xxx]. This means that if 1 kg of this refrigerant were to leak into the atmosphere, its impact on global warming would be [xxx] times greater than that of 1 kg of CO₂ over a 100-year period. Do not tamper with the refrigeration circuit or attempt to dismantle the product yourself; always consult a specialist.

* Energy consumption based on standard test results. Actual energy consumption will vary depending on how the appliance is used and its location.



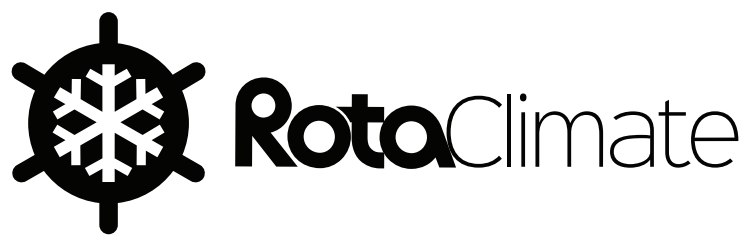
OCTOPUS

MULTI SERI

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Outdoor Unit			M2-18 OD	M3-28 OD	M4-36 OD	M5-42 OD
Power supply		V,Hz,Ph	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V, 50Hz, 1Ph	220-240V,1Ph,50Hz
Cooling	Capacity	kW / Btu/h	18000 (7600~19000)	27000(6500~29000)	35200(7000~36000)	42000 (8300~42000)
	Input	W	1635 (690~2000)	2450(180~3250)	3520(733~4396)	4421 (250~4650)
	Rated current	A	7.1 (3.2~9.0)	11.2(0.6~14.2)	15.7(3.4~19.5)	19.7 (1.8~20.5)
	EER	W/W	3.23	3.23	2.93	2.78
Heating	Capacity	kW / Btu/h	19000 (7980~19200)	27000(8000~30000)	36000(8000~38000)	42000 (8250~42000)
	Input	W	1500 (600~1780)	2135(320~2850)	3200(781~3978)	3500 (400~4000)
	Rated current	A	6.6 (2.80~7.95)	9.8(0.9~12.5)	13.8(3.6~18.2)	15.6 (2.4~17.5)
	COP	W/W	3.71	3.71	3.30	3.52
Seasonal Cooling	Pdesignnc	kW	5.3	7.9	10.3	12.3
	SEER	W/W	6.3	6.3	6.1	5.8
	Energy Efficiency Class		A++	A++	A++	A+
	Pdesignnh	kW	4.3	5.3	8.4	9.5
Heating(Average)	SCOP	W/W	4.0	4.1	3.9	3.8
	Energy Efficiency Class		A+	A+	A	A
	Tbiv	°C	-7	-7	-7	-7
	Pdesignnh	kW	5.0	5.8	8.8	10.1
Heating(Warmer)	SCOP	W/W	5.1	5.1	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++	A+++
	Tbiv	°C	2	2	2	2
	Tol	°C	-15	-15	-15	-15
Max. input consumption		W	3050	4100	4600	4700
Compressor	Type		ROTARY	Twin-ROTARY	ROTARY	ROTARY
Outdoor coil	Number of circuits		4	6	4	4
Outdoor air flow		m3/h	2100	3000	4000	3850
Outdoor sound pressure level		dB(A)	55	60	63	63
Outdoor sound power level		dB(A)	65	69	70	71
Throttle type			EXV+Capillary	EXV+Capillary	EXV+Capillary	EXV+Capillary
Outdoor unit	Dimension(WxDxH)	mm	805*330*554	890*342*673	946x410x810	946x410x810
	Packing(WxDxH)	mm	915*370*615	1030*438*750	1090x500x885	1090x500x885
	Net/Gross weight	kg	35/38	48/51.8	68.8/75.6	74.1/79.5
Refrigerant	Type		R32	R32	R32	R32
	Charged quantity	Kg	1.25	1.85	2.1	2.9
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	2x6.35mm(2x1/4in)/2x9.52mm(2x3/8in)	3x6.35mm(3x1/4in)/3x9.52mm(3x3/8in)	4x6.35mm(4x1/4in)/3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	5x6.35mm(5x1/4in)/4x9.52mm+1x12.7mm(4x3/8in+1x1/2in)
	Max. length for all rooms	m	40	60	80	80
	Max. length for one indoor unit	m	25	30	35	35
	Max. height difference between indoor and outdoor	m	15	15	15	15
	Max. height difference between indoor units	m	10	10	10	10
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24

Wall-mounted Unit	
MULTI ODU	LENGHT / HEIGHT DIFFERENCE
1 OD + 2 ID	40 m / 15 m
1 OD + 3 ID	60 m / 15 m
1 OD + 4 ID	80 m / 15 m
1 OD + 5 ID	80 m / 15 m



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