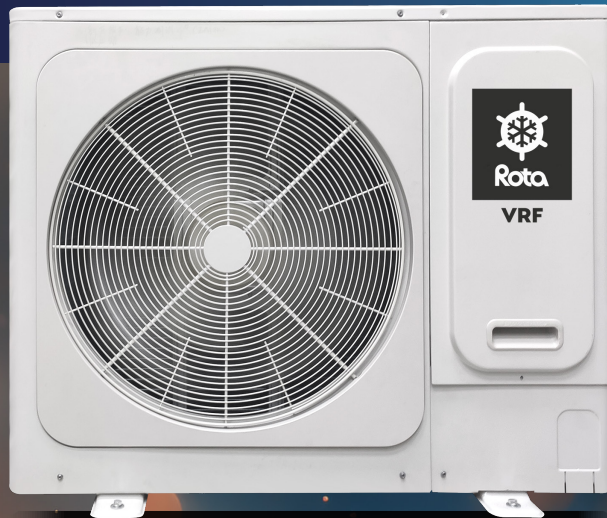




RotaClimate



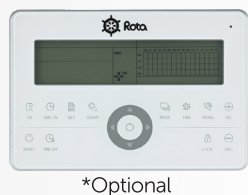
OCTOPUS
mini VRF



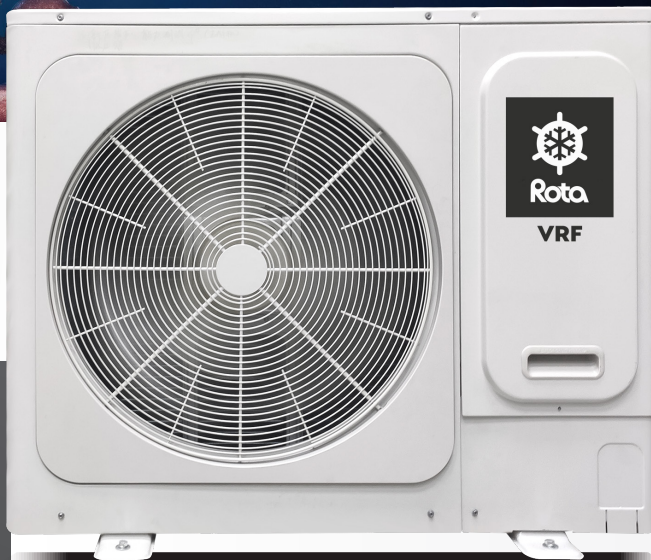
Our route is
sustainable
future.




OCTOPUS
mini **VRF**



*Optional



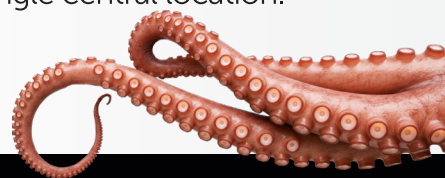
Centralised control has never been this easy.

It is the perfect solution for commercial and residential applications. Small offices, villas, flats, shops, etc.



Whether in the office or at home! Smart climate control in every space with Mini VRF.

The Mini VRF system, along with other VRF systems supporting up to 64 indoor units and 8 systems, can be controlled via a central control system. It is ideal for users who wish to manage everything from a single central location.



A single control centre can manage up to 64 indoor units and up to 8 systems.

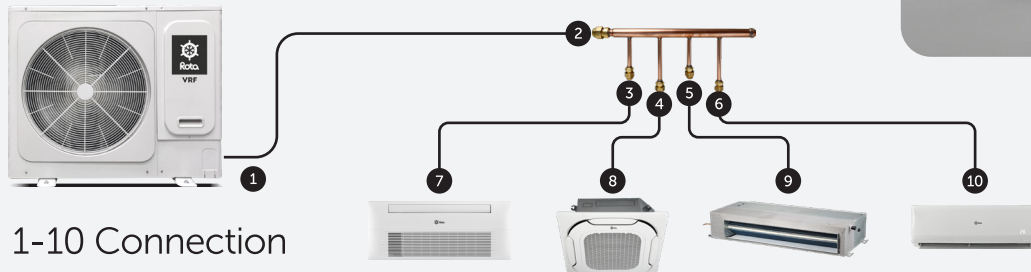
** This is achieved via a central control panel. (optional)

64-8



Easy Installation with Flanged Joints and Headers

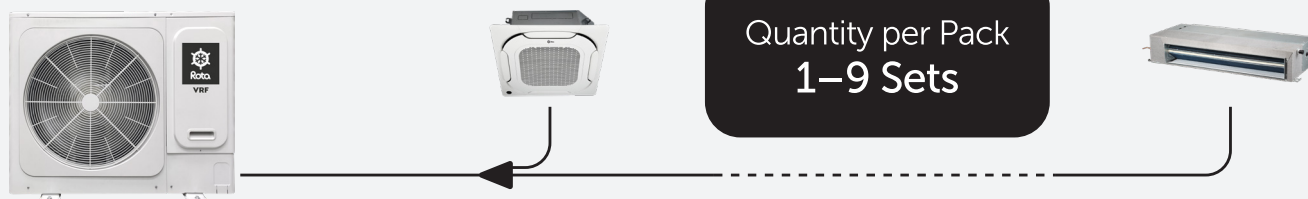
The Mini VRF system uses flanged connections, which greatly simplify installation. It further simplifies installation with multiple header options ranging from 1 to 2, 3, 4, 5 and 6.



1-10 Connection

Connection for 1 to 9 Indoor Units

A single outdoor unit supports between 1 and 9 indoor units, saving a significant amount of space outdoors. With the extra space created by having fewer outdoor units, you can make smarter use of your back garden.

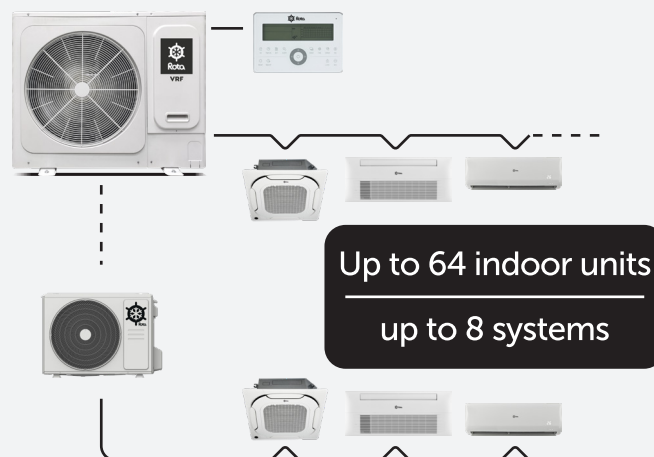
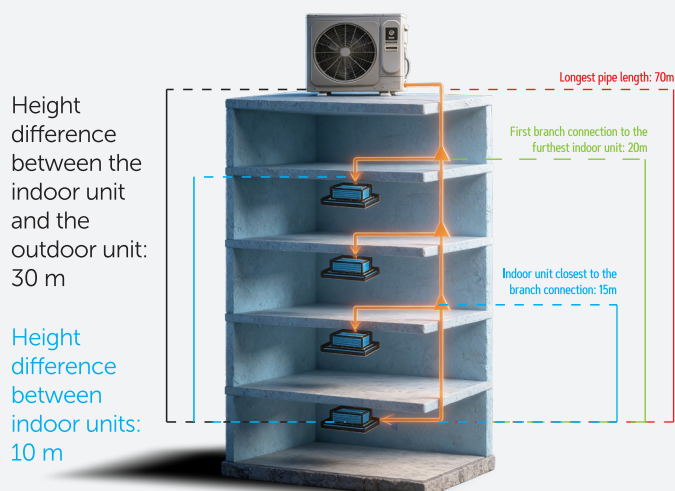


Pipe Length and Height

The Mini VRF system has a maximum total pipe length of 130 m and a maximum height difference of 30 m between the outdoor and indoor units. The maximum height difference between indoor units is 10 m.

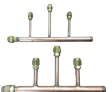
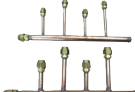
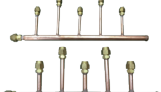
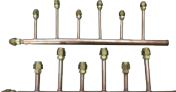
Compatible with Centralised Control and Integrated Management via Other VRF Systems

The Mini VRF system has a maximum total pipe length of 130m, with a maximum height difference of 30m between the outdoor and indoor units. The maximum height difference between indoor units is 10m.



Spruehole-Connected Branch (Collector) Models

Flexible branch header Lineup

Model	1 to 2 branch header DXFQT2-02	1 to 3 branch header DXFQT3-02	1 to 4 branch header DXFQT4-02	1 to 5 branch header DXFQT5-02	1 to 6 branch header DXFQT6-02
					

OCTOPUS Mini VRF Series

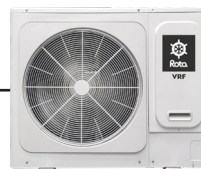
Outdoor Units

Capacity range:

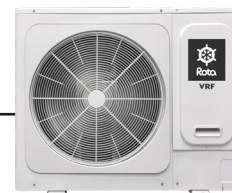
28/36/42/48/56/60 Btu/h (6 models)



28/36k Btu/h



42/48/56k Btu/h



60k Btu/h

One-way Cassette

Capacity range:

06/07/09/12/15/18/24k Btu/h (7 models)



Four-way Cassette

Capacity range:

09/12/15/18/24/28/32/36/40/48/56k Btu/h (11 models)



Compact Four-way Cassette

Capacity range:

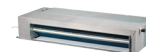
05/07/09/12/15k Btu/h (5 models)



Medium Static Pressure Duct

Capacity range:

07/09/12/15/18/24/28/32/40/48/56k Btu/h (11 models)



Medium Static Pressure Duct (Arc Series)

Capacity range:

05/07/09/12/15/18/24k Btu/h (7 models)



High Static Pressure Duct

Capacity range:

24/28/32/40/48/56k Btu/h (6 models)



Wall Mounted

Capacity range:

07/09/12/15/18/24/28/32k Btu/h (8 models)



Celling / Floor

Capacity range:

12/15/18/24/28/32/40/48k Btu/h (8 models)



Note: Octopus Mini Vrf indoor units can Connect to Octopus Mini Vrf outdoor units only.

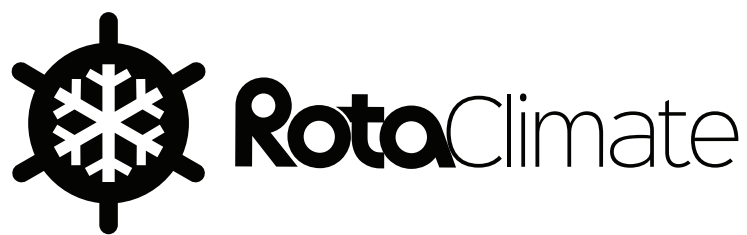
Outdoor Unit Capacity Range:

Model			OCTOPUS-36	OCTOPUS-48	OCTOPUS-60
Outdoor Model			OCTOPUS-36 OD	OCTOPUS-48 OD	OCTOPUS-60 OD
Cooling	Capacity	kW	9.0 (2.0 ~ 10.0)	12.2	15.5
		BTU/h	30,708 (6~ 34)	41,627	52,886
Heating	Capacity	kW	9.0 (2.1 ~ 12.0)	14	18
		BTU/h	30,708 (7~ 41)	47,768	61,416
EER/COP		W/W	3.30 / 3.95	2.83 / 4.40	2.9 / 3.2
Capacity Range (Diversity Ratio)	Min/Max	%	45 / 130	45 / 130	45 / 130
Ambient temperature	Cooling	°C	-5 ~ 55	-5 ~ 55	-5 ~ 55
	Heating	°C	-15 ~ 27	-15 ~ 27	-15 ~ 27
Power supply		V,Hz,Ph	220~ 240/50/60	220~ 240/50/60	220~ 240/50/60
Power cable		Adetxmm2	3x4	3x4	3x6
Intermediate installation cable		Adetxmm2	4x1.5	4x1.5	4x1.5
Signal Cable		Adetxmm2	3x1.0 (3x0.75)	3x1.0 (3x0.75)	3x1.0 (3x0.75)
Current	Cooling	A	24.0 / 28.75	29.0 / 35.0	35.0 / 40.0
	Heating	A	24.0 / 28.75	29.0 / 35.0	35.0 / 40.0
Circuit Breaker		A	35	40	50
Energy Consumption	Cooling	kW/h	2.64	4.56	5.35
	Heating	kW/h	2.1	4.08	5.71
indoor unit		Quantity	1~4	1~6	1~7
Compressor			Mitsubishi Electric	Mitsubishi Electric	Mitsubishi Electric
Sound pressure level		dB(A)	54	56	56
Outdoor air flow		m3/h	5,200	5,400	5,200
Weight	Net/Gros	kg	59.5/66.5	75/82	91/99.5
Net dimensions (W×H×D)		mm	950*360*840	950*360*840	1040*410*865
Packed dimensions (W×H×D)		mm	1025*510*940	1025*510*940	1120*560*980
Refrigerant			R410A	R410A	R410A
Pipe connections	Liquid pipe	inc-(mmΦ)	5/8"- 15.88	3/4"- 19.1	3/4"- 19.1
	Gas pipe	inc-(mmΦ)	3/8"- 9.52	3/8"- 9.52	3/8"- 9.52
Max Piping Length Between Indoor and Outdoor Units		m	≥65	≥100	≥100
Max Height Difference Between Indoor and Outdoor Units (Outdoor Unit Above / Below).		m	≥20 / ≥20	≥30 / ≥20	≥30 / ≥20
Factory charge		kg	2.2	3.4	3.8

The manufacturer reserves the right to change product specifications without prior notice. Our company is not responsible for typographical errors in the catalog. Energy values may vary regionally. The technical information in this catalog was updated on 2026/03.

Indoor Unit Features

Model		OCTOPUS-36		OCTOPUS-48		OCTOPUS-60	
Outdoor Model		OCTOPUS-36 OD		OCTOPUS-48 OD		OCTOPUS-60 OD	
Cooling	Capacity	kW	9,0 (2,0 ~ 10,0)	12,2	15,5		
		BTU/h	30,708 (6~ 34)	41,627	52,886		
Heating	Capacity	kW	9,0 (2,1 ~ 12,0)	14	18		
		BTU/h	30,708 (7~ 41)	47,768	61,416		
EER/COP		W/W	3,30 / 3,95	2,83 / 4,40	2,9 / 3,2		
Capacity Range (Diversity Ratio)		Min/Max	%	45 / 130	45 / 130	45 / 130	
Ambient temperature	Cooling	°C	-5 ~ 55	-5 ~ 55	-5 ~ 55		
	Heating	°C	-15 ~ 27	-15 ~ 27	-15 ~ 27		
Power supply		V,Hz,Ph	220~ 240/50/60	220~ 240/50/60	220~ 240/50/60		
Power cable		Adetxmm2	3x4	3x4	3x6		
Intermediate installation cable		Adetxmm2	4x1,5	4x1,5	4x1,5		
Signal Cable		Adetxmm2	3x1,0 (3x0,75)	3x1,0 (3x0,75)	3x1,0 (3x0,75)		
Current	Cooling	A	24,0 / 28,75	29,0 / 35,0	35,0 / 40,0		
	Heating	A	24,0 / 28,75	29,0 / 35,0	35,0 / 40,0		
Circuit Breaker		A	35	40	50		
Energy Consumption	Cooling	kW/h	2,64	4,56	5,35		
	Heating	kW/h	2,1	4,08	5,71		
indoor unit		Quantity	1~4	1~6	1~7		
Compressor			Mitsubishi Electric	Mitsubishi Electric	Mitsubishi Electric		
Sound pressure level:		dB(A)	54	56	56		
Outdoor air flow		m3/h	5,200	5,400	5,200		
Weight	Net/Gros	kg	59,5/66,5	75/82	91/99,5		
		mm	950*360*840	950*360*840	1040*410*865		
Net dimensions (W×H×D) _±		mm	1025*510*940	1025*510*940	1120*560*980		
Packed dimensions (W×H×D)		mm	1025*510*940	1025*510*940	1120*560*980		
Refrigerant			R410A	R410A	R410A		
Pipe connections	Liquid pipe	inc-(mmΦ)	5/8"- 15,88	3/4"- 19,1	3/4"- 19,1		
	Gas pipe	inc-(mmΦ)	3/8"- 9,52	3/8"- 9,52	3/8"- 9,52		
Max Piping Length Between Indoor and Outdoor Units		m	≥65	≥100	≥100		
Max Height Difference Between Indoor and Outdoor Units (Outdoor Unit Above / Below).		m	≥20 / ≥20	≥30 / ≥20	≥30 / ≥20		
Factory charge		kg	2,2	3,4	3,8		
ONE WAY CASSETTE			ROTA OCTOPUS VC1 09-ID	ROTA OCTOPUS VC1 12-ID	ROTA OCTOPUS VC1 18-ID	ROTA OCTOPUS VC1 24-ID	
Power supply		V,Hz,Ph	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	
Cooling	Capacity	(kW/kBtu/h)	2,8/9	3,6/12	5,6/19	7,1/24	
	Capacity	(kW/kBtu/h)	3,2/10	4/13	6,3/21	8/27	
Indoor air flow		(m3/h)	573/456/315	573/456/315	792/688/549	933/749/592	
Sound pressure level:		dB (A)	39/37/34	40/38/34	42/40/36	44/41/37	
Net dimensions (W×H×D) _±		GxYxD	1072*430*189	1072*430*189	1204*443*189	1204*443*189	
Packed dimensions (W×H×D)		GxYxD	1155*490*245	1155*490*245	1370*505*295	1370*505*295	
Weight		kg	13/16,5	13/16,5	18,8/23,1	19,5/23,8	
Net/Gros							
FOUR WAY CASSETTE			ROTA OCTOPUS VC4 12-ID	ROTA OCTOPUS VC4 18-ID	ROTA OCTOPUS VC4 24-ID		
Power supply		V,Hz,Ph	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz		
Cooling	Capacity	(kW/kBtu/h)	3,6/12	5,6/19	7,1/24		
	Capacity	(kW/kBtu/h)	4/13	6,3/21	8/27		
Indoor air flow		(m3/h)	764/638/554	905/740/651	950/767/663		
Sound pressure level:		dB (A)	32/31/30	36/34/33	38/36/35		
Net dimensions (W×H×D) _±		GxYxD	840*840*230	840*840*230	840*840*300		
Packed dimensions (W×H×D)		GxYxD	955*955*260	955*955*260	955*955*260		
Weight		kg	21,5/26,7	23,7/28,9	23,7/28,9		
Net/Gros							
DUCT			ROTA OCTOPUS VD 09-ID	ROTA OCTOPUS VD 12-ID	ROTA OCTOPUS VD 18-ID	ROTA OCTOPUS VD 24-ID	
Power supply		V,Hz,Ph	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	
Cooling	Capacity	(kW/kBtu/h)	2,8/9	3,6/12	5,6/19	7,1/24	
	Capacity	(kW/kBtu/h)	3,2/10	4/13	6,3/21	8/27	
Indoor air flow		(m3/h)	550/397/309	605/442/351	800/573/479	985/738630	
External static pressure		Pa	10(0-30)	10(0-30)	10(0-30)	10(0-30)	
Sound pressure level:		dB (A)	31/24/21	35/28/24	36/29/27	36/30/27	
Net dimensions (W×H×D) _±		GxYxD	778*500*210	778*500*210	997*500*210	1218*500*210	
Packed dimensions (W×H×D)		GxYxD	870*525*285	870*525*285	1115*525*285	1335*525*285	
Weight		kg	18,5/22,2	18,5/22,2	22,5/26,8	28/33	
Net/Gros							
WALL-MOUNTED			ROTA OCTOPUS VS 07-ID	ROTA OCTOPUS VS 09-ID	ROTA OCTOPUS VS 12-ID	ROTA OCTOPUS VS 15-ID	
Power supply		V,Hz,Ph	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	
Cooling	Capacity	(kW/kBtu/h)	2,2/7	2,8/9	3,6/12	4,5/15	
	Capacity	(kW/kBtu/h)	2,4/8	3,2/10	4/13	5,1/17	
Indoor air flow		(m3/h)	446/429/424/409/394/382/373	457/445/433/421/419/410/402	447/429/399/369/339/333/303	648/618/582/563/546/505/476	
Sound pressure level:		dB (A)	34/33/33/32/32/31/31	33/33/32/32/31/31/31	36/35/34/33/32/32/32	37/36/34/34/33/32/31	
Net dimensions (W×H×D) _±		GxYxD	835*203*280	835*203*280	835*203*280	990*223*315	
Packed dimensions (W×H×D)		GxYxD	915*300*353	915*300*353	915*300*353	1075*300*395	
Weight		kg	8,5/11	8,5/11	9,7/12,2	13,8/16,4	
Net/Gros							
WALL-MOUNTED			ROTA OCTOPUS VS 18-ID	ROTA OCTOPUS VS 24-ID			
Power supply		V,Hz,Ph	220-240V, 50Hz	220-240V, 50Hz			
Cooling	Capacity	(kW/kBtu/h)	5,6/19	7,1/24			
	Capacity	(kW/kBtu/h)	6,3/21	8/27			
Indoor air flow		(m3/h)	798/764/723/691/665/627/595	1240/1171/1107/1045/976/914/869			
Sound pressure level:		dB (A)	42/41/40/39/38/37/36	48/47/45/44/42/39/38			
Net dimensions (W×H×D) _±		GxYxD	990*223*315	1194*260*343			
Packed dimensions (W×H×D)		GxYxD	1075*300*395	1285*340*420			
Weight		kg	13,8/16,4	17,4/20,8			
Net/Gros							
*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 CO ₂ 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.							



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