

OTP-MZ-R32

Myriad Plus Ductless Multizone Heat Pump



Ceiling Cassette



Ductable Fan Coil



Indoor Units



Outdoor Unit

Performance up to



Cooling



Heating

Up to



Features

Operation mode

- Cooling, heating, dehumidifying, fan and auto.

Nominal capacity

- 18000, 24000, 30000, 36000, 42000 BTU/hr.

Voltage

- 230/208V, 60 Hz, 1-phase.

Indoor unit

- A2L leak detection sensor, included.
- Washable filters.

Outdoor unit

- Variable speed rotary compressor (INVERTER), with overload protection.
- Electronic expansion valve for precise control of refrigerant flow.
- Condenser fins covered with a hydrophilic coating for improved corrosion resistance.
- Large diameter quiet axial-flow fan for more efficient heat exchange.
- Smart pan heater to prevent ice formation.
- Compressor blanket and preheating technology.
- Installation on aluminum wall bracket or ground stand available in option.

Connection piping

- Minimum piping length of 10 ft. (3 m).
- Flared connections.

Control

- Wireless remote included with each indoor unit.
- Wired wall controller available in option.
- Wi-Fi included.
- Set temperature: 16 to 30 °C (61 to 86 °F).
- Temperature display format: °C or °F.

Warranty

- 10-year basic warranty on parts and 10-year basic warranty on the compressor (labour not included).
- Labour warranty (sold separately) from the 1st to 10th year, on parts and labour with system replacement if the compressor fails.

Application

- Dining room-kitchen, living room, family room, commercial building, office building, condo, restaurant.

Includes



Smart Pan Heater



Crankcase Heater



Fin Coating



Quiet Design



Smart Defrosting



Smart Preheating



Auto Restart



Auto-Clean



Self-Diagnosis



Sleep Mode



Turbo Mode



Up & Down Swing



Timer



I Feel



Lock



Wireless Remote



Wi-Fi



A2L safety

Optional



Wall Controller

OTP-MZ-R32

Models - Outdoor Unit

Product #		OFRM2X1-H18A-O		OFRM3X1-H24A-O		OFRM4X1-H30A-O		OFRM4X1-H36A-O		OFRM5X1-H42A-O	
Technical Performance											
Refrigerant type		R32		R32		R32		R32		R32	
Number of connectable indoor unit		-		1 to 2		2 to 3		2 to 4		2 to 4	
Voltage		Volts		230/208		230/208		230/208		230/208	
Cooling capacity	Nominal	W (BTU/hr)		5275 (18000)		7030 (24000)		8300 (28400)		10550 (36000)	
	Min. – max.	W (BTU/hr)		2139 - 5803 (7300 - 19800)		2200 - 9200 (7500 - 31400)		2400 – 10000 (8190 - 34100)		2600 - 11987 (8871 - 40900)	
Heating capacity	Nominal	W (BTU/hr)		5275 (18000)		7030 (24000)		8792 (30000)		10550 (36000)	
	Min. – max.	W (BTU/hr)		2139 - 5803 (7300 - 19800)		2200 - 9200 (7500 - 31400)		2400 - 12000 (8188 - 40900)		2600 - 13000 (8871 - 44300)	
Used cooling power input	Nominal	W		1500		1850		2075		3000	
Used heating power input	Nominal	W		1350		1800		2100		2960	
MCA		A		14.5		19.5		23		30	
Max. over-current protection (MOCP)		A		20		25		35		45	
SEER2		-		21		21		21		21	
HSPF2		-		10		10		10		10	
EER2		W/W		13.33		13.33		14.28		12.16	
COP		W/W		3.9		3.9		4.19		3.56	
AHRI number		-		216453528		216453529		216453530		216453531	
ENERGY STAR		-		✓		✓		✓		✓	
Air flow volume		cfm		1354		2236		3413		3413	
Sound level		dB (A)		64		68		74		74	
Compressor power input		W		1300		1887		2047		3514	
Compressor RLA		A		9.5		12		13.5		19.6	
Fan motor power output		W		30		60		130		130	
Refrigerant volume (R32)		oz (g)		31.8 (880)		60 (1700)		77.62 (2183)		92.24 (2608)	
Net weight		lb (kg)		75 (34.1)		112.5 (51)		145.5 (66)		176.4 (80.2)	
Operating ambient temperature	Cooling	°C (°F)		-30 to 48 (-22 to 118)							
	Heating	°C (°F)		-30 to 24 (-22 to 75)							
Connection Piping/Refrigerant											
Pre-charge length		ft. (m)		33 (10)		98 (30)		131 (40)		131 (40)	
Additional refrigerant charge		oz/ft. (g/m)		0.2 (20)		0.2 (20)		0.2 (20)		0.2 (20)	
Max. height difference outdoor to indoor unit		ft. (m)		49 (15)		49 (15)		82 (25)		82 (25)	
Max. total length		ft. (m)		131 (40)		197 (60)		262 (80)		262 (80)	

OTP-MZ-R32 / OTP-P-R32 (Pacific R32)

Models - OTP-P-R32 (Pacific R32) Indoor Unit

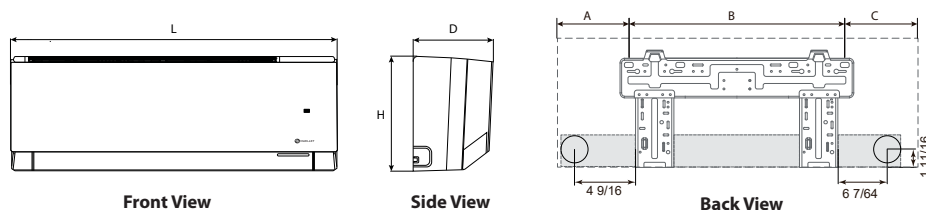
Product #			OCVX-H09A-I	OCVX-H12A-I	OCVX-H18A-I	OCVX-H24A-I
Cooling capacity	Nominal	W (BTU/hr)	2667 (9100)	3517 (12000)	5275 (18000)	6450 (22000)
	Min. – max.	W (BTU/hr)	800 - 3800 (2730 - 12966)	900 - 4400 (3070 - 15012)	1500 - 6500 (5118 - 22178)	1169 - 8200 (3990 - 28000)
Heating capacity	Nominal	W (BTU/hr)	3077 (10500)	3517 (12000)	5275 (18000)	7040 (24000)
	Min. – max.	W (BTU/hr)	700 - 4400 (2388 - 15013)	900 - 4600 (3071 - 15695)	1300 - 6500 (4436 - 22178)	850 - 8100 (2900 - 27640)
Dehumidification		pt/hr (l/hr)	1.69 (0.8)	2.96 (1.4)	3.6 (1.7)	5 (2.4)
Air flow volume		cfm	129 - 353	212 - 400	324 - 589	235 - 559
Sound level		dB (A)	20 - 41	20 - 43	25 - 40	30 - 48
Fan motor power output		W	15	55	50	50
Fan motor RLA		A	0.22	0.4	0.6	0.7
Net Weight		lb (kg)	21 (9.5)	21 (9.5)	29 (13.5)	35 (16)
Connection Piping/Refrigerant						
Liquid pipe outer diameter		in.	1/4	1/4	1/4	1/4
Gas pipe outer diameter		in.	3/8	1/2	1/2	5/8

Note that each unit is individually packaged.

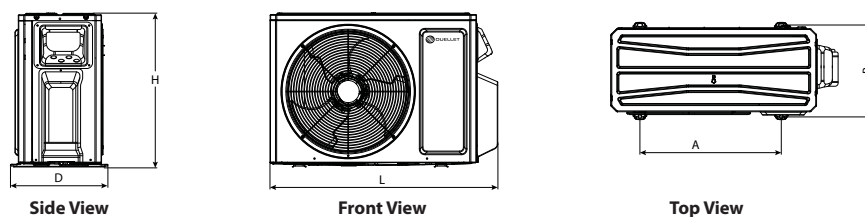
Options

See OTP Options section

Indoor Unit



Outdoor Unit



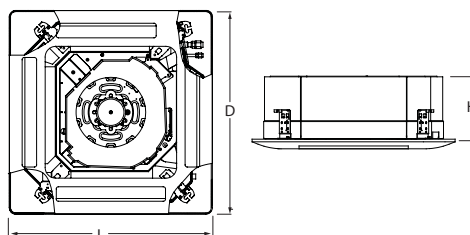
Outdoor Unit	L		H		D		A		B	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
OFRM2X1-H18A-O	32 3/8	822	21 11/16	550	13 7/8	352	20 5/32	512	13 5/64	332
OFRM3X1-H24A-O	37 15/16	964	26	660	15 13/16	402	22 7/16	570	14 39/64	371
OFRM4X1-H30A-O	40 1/8	1020	32 1/2	826	16 13/16	427	25	635	15 19/32	396
OFRM4X1-H36A-O										
OFRM5X1-H42A-O										

Indoor Unit	L		H		D		A		B		C	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
OCVX-H09A-I	32 15/16	837	11 1/2	293	7 7/8	200	4 11/16	119	21 5/16	542	6 15/16	204
OCVX-H12A-I												
OCVX-H18A-I												
OCVX-H24A-I	39 3/32	993	12 1/4	311	8 11/16	221	5 3/64	128	27 55/64	1093	6 13/64	158

OTP-MZ-R32 / Ceiling Cassette and Ductable Fan Coil

Models - Ceiling Cassette Indoor Unit

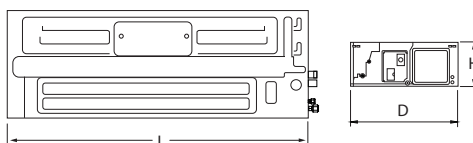
Product # ¹ – Ceiling Cassette			OICX1-H09A-I	OICX1-H12A-I	OICX1-H18A-I	OICX1-H24A-I
Product # ¹ – Grille			OICGA	OICGA	OICGA	OICGB
Cooling capacity	Nominal	W (BTU/hr)	2667 (9100)	3517 (12000)	5275 (18000)	6450 (22000)
Heating capacity	Nominal	W (BTU/hr)	3077 (10500)	3517 (12000)	5275 (18000)	7040 (24000)
Dehumidification		pt/hr (l/hr)	2.96 (1.4)	2.96 (1.4)	3.8 (1.8)	5.28 (2.5)
Air flow volume		cfm	206 - 330	206 - 330	206 - 383	471 - 618
Sound level		dB (A)	39 - 50	39 - 50	40 - 54	49 - 55
Net Weight		lb (kg)	37.5 (17)	37.5 (17)	37.5 (17)	63.95 (29)
Liquid pipe outer diameter		in.	1/4	1/4	1/4	3/8
Gas pipe outer diameter		in.	3/8	3/8	1/2	5/8



Indoor Unit	L		H		D	
	in.	mm	in.	mm	in.	mm
OICX1-H09A-I	22 7/16	570	10 7/16	265	22 7/16	570
OICX1-H12A-I						
OICX1-H18A-I						
OICX1-H24A-I	33 5/64	840	9 29/64	240	33 5/64	840

Models - Ductable Fan Coil

Product #			OFCX1-H09A-I	OFCX1-H12A-I	OFCX1-H18A-I	OFCX1-H24A-I
Cooling capacity	Nominal	W (BTU/hr)	2667 (9100)	3517 (12000)	5275 (18000)	6450 (22000)
Heating capacity	Nominal	W (BTU/hr)	3077 (10500)	3517 (12000)	5275 (18000)	7040 (24000)
Dehumidification		pt/hr (l/hr)	2.96 (1.4)	2.96 (1.4)	3.8 (1.8)	5.28 (2.5)
Air flow volume		cfm	206 - 330	206 - 330	206 - 383	471 - 618
Sound level		dB (A)	39 - 50	39 - 50	40 - 54	49 - 55
Net Weight		lb (kg)	37.5 (17)	37.5 (17)	37.5 (17)	63.95 (29)
Liquid pipe outer diameter		in.	1/4	1/4	1/4	3/8
Gas pipe outer diameter		in.	3/8	3/8	1/2	5/8



Indoor Unit	L		H		D	
	in.	mm	in.	mm	in.	mm
OFCX1-H09A-I	32 43/64	830	11 13/16	300	29 11/16	754
OFCX1-H12A-I						
OFCX1-H18A-I	44 1/2	1130	11 13/16	300	29 11/16	754
OFCX1-H24A-I						

OTP-MZ-R32

To order

1 Choose the outdoor unit based on the system capacity required.

2 Choose the appropriate indoor unit combination by referring to the combination table below.

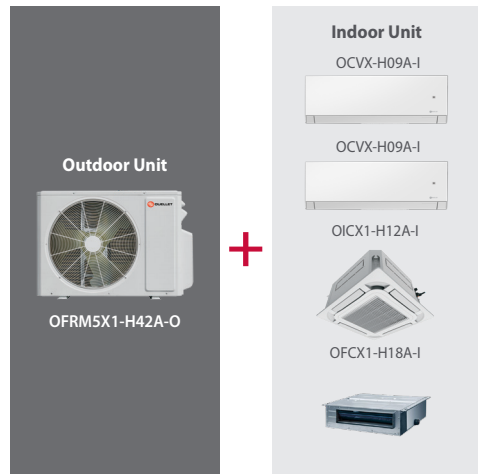
The combination can be made with wall units, ceiling cassettes, or ductable fan coil.

Note that each unit is individually packaged.

Example:

Outdoor unit required: OFRM5X1-H42A-O

Indoor unit combination chosen: 09 + 09 + 12 + 18



Combination Table

Indoor unit	2 Indoor unit
OFRM2X1-H18A-O	09 + 09 09 + 12 12 + 12

Indoor unit	2 Indoor unit	3 Indoor unit
OFRM3X1-H24A-O	09 + 09 09 + 12 09 + 18 12 + 12 12 + 18	09 + 09 + 09 09 + 09 + 12 09 + 09 + 18 09 + 12 + 12 -

Indoor unit	2 Indoor unit	3 Indoor unit	4 Indoor unit
OFRM4X1-H30A-O	09 + 09 09 + 12 09 + 18 09 + 24 12 + 12 12 + 18 12 + 24 18 + 24	09 + 09 + 09 09 + 09 + 12 09 + 09 + 18 09 + 09 + 24 09 + 12 + 12 09 + 12 + 18 12 + 12 + 12 12 + 12 + 18	09 + 09 + 09 + 09 09 + 09 + 09 + 12 09 + 09 + 09 + 18 09 + 09 + 09 + 24 09 + 09 + 12 + 12 09 + 09 + 12 + 18 09 + 09 + 12 + 12 09 + 09 + 12 + 18

Indoor unit	2 Indoor unit	3 Indoor unit	4 Indoor unit
OFRM4X1-H36A-O	09 + 09 09 + 12 09 + 18 09 + 24 12 + 12 12 + 18 12 + 24 18 + 18 18 + 24 24 + 24 -	09 + 09 + 09 09 + 09 + 12 09 + 09 + 18 09 + 09 + 24 09 + 12 + 12 09 + 12 + 18 09 + 12 + 24 09 + 18 + 18 09 + 18 + 24 12 + 12 + 12 12 + 12 + 18 12 + 12 + 24 12 + 18 + 18	09 + 09 + 09 + 09 09 + 09 + 09 + 12 09 + 09 + 09 + 18 09 + 09 + 12 + 12 09 + 09 + 12 + 18 09 + 12 + 12 + 12 12 + 12 + 12 + 12 -

Indoor unit	2 Indoor unit	3 Indoor unit	4 Indoor unit	5 Indoor unit
OFRM5X1-H42A-O	- 09 + 12 09 + 18 09 + 24 12 + 12 12 + 18 12 + 24 18 + 18 18 + 24 24 + 24 -	09 + 09 + 09 09 + 09 + 12 09 + 09 + 18 09 + 09 + 24 09 + 12 + 12 09 + 12 + 18 09 + 12 + 24 09 + 18 + 18 09 + 18 + 24 12 + 12 + 12 12 + 12 + 18 12 + 12 + 24 12 + 18 + 18 18 + 18 + 18 -	09 + 09 + 09 + 09 09 + 09 + 09 + 12 09 + 09 + 09 + 18 09 + 09 + 09 + 24 09 + 09 + 12 + 12 09 + 09 + 12 + 18 09 + 09 + 12 + 24 09 + 09 + 18 + 24 09 + 12 + 12 + 12 09 + 12 + 12 + 18 09 + 12 + 12 + 24 09 + 12 + 18 + 18 09 + 18 + 18 + 18 12 + 12 + 12 + 12 12 + 12 + 12 + 18	09 + 09 + 09 + 09 + 09 09 + 09 + 09 + 09 + 12 09 + 09 + 09 + 09 + 18 09 + 09 + 09 + 12 + 12 09 + 09 + 12 + 12 + 12 -

The combinations in red represent the combinations that offer 100% performance of the system in heating mode.

It is important that the sum power of the indoor units does not exceed 133% of the power of the outdoor unit.

The combination table is valid for combinations of ceiling cassettes and ductable units.

Legend

Code	BTU/hr
09	9000 BTU/hr
12	12000 BTU/hr
18	18000 BTU/hr
24	24000 BTU/hr