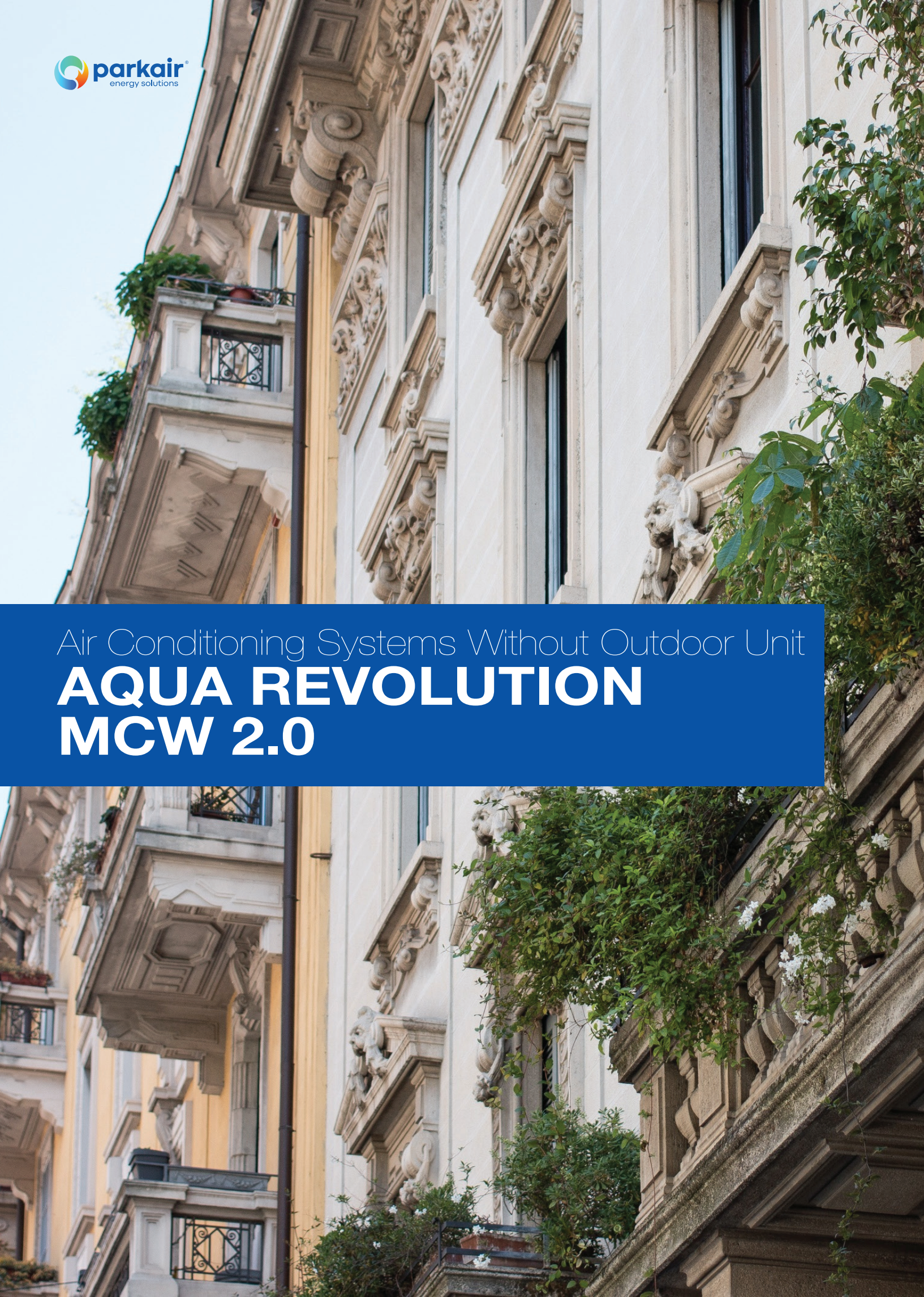


A low-angle, upward-looking photograph of a classical building facade. The image shows ornate stone carvings, including cornices and balustrades, with lush green plants growing from the balconies and ledges. The sky is visible at the top left.

Air Conditioning Systems Without Outdoor Unit

AQUA REVOLUTION

MCW 2.0

Water Condensing Unit

MCW 2.0 MULTISPLIT - PDC

DX_Heat Pump Water-to-Air



- REDUCED WATER CONSUMPTION
- GAS R32
- MAXIMUM SILENCE
- FULL DC-INVERTER + H2O INVERTER



FUNCTIONAL SPECIFICATIONS



MAIN FEATURES

FULL INVERTER SYSTEM: DC INVERTER + H2O INVERTER

All models are equipped with a Panasonic DC Inverter compressor and an electronic valve for limiting water consumption and automatic control of all functions. The MCW 2.0 models guarantee the lowest consumption of electricity and water compared to any other model on the market.

QUIET OPERATION

Thanks to the use of the new Panasonic DC Inverter compressors and new thermal and acoustic insulation panels, the MCW 2.0 units are particularly quiet even when installed close to domestic environments.

SIMPLE AND COMPACT DESIGN

The structure is made of a modular carrier in sheet metal painted with anthracite gray epoxy powder and removable side panels covered with sound-absorbing material.

EASY INSTALLATION AND SYSTEM MANAGEMENT

The front and side inspection panels allow easy access to internal components making installation operations and any subsequent intervention easier.

WHERE TO INSTALL IT?



BATHROOM



KITCHEN



FALSE CEILING



CUPBOARD

TECHNICAL DATA

Model		PRK-2MCW-18S	PRK-3MCW-24S	PRK-4MCW-36S
Code		114520	114525	114530
Cooling	KW	5,27 (2,05~6,15)	7,12 (2,34~7,91)	10,77 (2,6~12,3)
Heating	KW	5,59 (2,49~6,15)	7,83 (2,58~8,2)	11,52 (2,8~12,9)
EER	W/W	4,40	4,18	4,19
COP	W/W	4,47	4,47	4,50

Energy Class*	-	A+++ / A++	A++ / A+	A++ / A+
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Cooling Water Flow (Min / Max)	L/h	75 / 200	75 / 290	100 / 450
Heating Water Flow (Min / Max)	L/h	90 / 350	90 / 460	100 / 680
Cooling Max Inlet Water Temperature	°C	≤30	≤30	≤30
Heating Min Inlet Water Temperature	°C	≥7	≥7	≥7
Min Water Pressure	bar	0,8	0,8	0,8
Hydraulic Connections	inch	1/2"	1/2"	1/2"

Power Supply	V/Ph/Hz	220~240/50/1	220~240/50/1	220~240/50/1
Fuse Current	A	16	25	25
Cooling Power Absorption	KW	1,2(0,36~1,82)	1,70(0,60~2,2)	2,57(0,75~4,6)
Heating Power Absorption	KW	1,25(0,35~1,86)	1,75(0,60~2,3)	2,56(0,75~4,1)
Compressor Power Absorption	W	1260	1645	2105
Rated Load Amperage (RLA)	A	6,7	7,5	9,3
Locked Rotor Amps (LRA)	A	23	25	66
Refrigerant (R32)	-	R32	R32	R32
Precharge of Refrigerant (R32)	kg	1,10	1,30	1,70
Length of refrigerant piping with pre-charge	mt	10	15	15
Additional charge of refrigerant gas	g/m	22	22	22
Refrigeration connections (Liquid- Gas)	inch	1/4"- 3/8"	1/4"- 3/8"	1/4"- 3/8"
Maximum height difference in refrigerant pipes	mt	5	5	5
Maximum refrigerant piping line length	mt	10	10	10
Maximum total length of the refrigerant piping	mt	20	30	40
Sound Pressure	dB(A)	42,00	42,00	43,00
Sound Power	dB(A)	52,00	52,00	53,00
Dimensions (LxPxH)	mm	460x420x480	460x420x480	460x460x580
Weight	kg	32	35	42

TABLE OF COMBINATION FOR MULTISPLIT WATER CONDENSING MCW 2.0

Model of ODU	Quantity and type of IDU								
	1	2	3	4	5	6	7	8	9
DUALSPLIT	7K	7K+7K	7K+9K	n.a.			n.a.		
	9K	7K+12K	9K+9K						
	12K	9K+12K	12K+12K						
TRIALSPLIT	n.a.	7K+7K	7K+9K	7K+7K+7K	7K+7K+9K	7K+7K+12K	n.a.		
		7K+12K	7K+18K	7K+7K+18K	7K+9K+9K	7K+9K+12K			
		9K+9K	9K+12K	7K+9K+18K	7K+12K+12K	9K+9K+9K			
		9K+18K	12K+12K	9K+9K+12K	9K+9K+18K	9K+12K+12K			
		12K+18K	18K+18K	12K+12K+12K	-	-			
QUADRISPLIT	n.a.	7K+12K	18K+24K	7K+7K+7K	7K+12K+24K	9K+18K+24K	7K+7K+7K+7K	7K+7K+12K+24K	9K+9K+9K+12K
		7K+18K	24K+24K	7K+7K+9K	7K+18K+18K	12K+12K+12K	7K+7K+7K+9K	7K+7K+18K+18K	9K+9K+9K+18K
		7K+24K	-	7K+7K+12K	7K+18K+24K	12K+12K+18K	7K+7K+7K+12K	7K+9K+9K+9K	9K+9K+9K+24K
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		12K+24K	-	7K+12K+12K	9K+12K+24K	-	7K+7K+12K+12K	7K+9K+18K+18K	-
		18K+18K	-	7K+18K+18K	9K+18K+18K	-	7K+7K+12K+18K	9K+9K+9K+9K	-

ATTENTION: PROVIDE A 3/8 " - 1/2" ADAPTER FITTING IN CASE OF COMBINATIONS WITH 18K AND 24K FAN UNITS

Performances referred to the following conditions: Indoor unit temperature test conditions: Cooling: int. 27 ° C DB Heating: int. 20 ° C DB . COP: 100% capacity with 15 ° C inlet / 30 ° C out; EER: 100% capacity with 10 ° C in / 7 ° C out. Water flow with mains water at the following temperatures: Summer 15 ° C inlet / 40 ° C outlet; Winter 15 ° C in / 4 ° C out. The sound pressure level refers to 1 mt. away from the external surface of the unit operating in the open field.

Freematch R32 WALL FAN UNIT



- POWER FROM 2.1KW TO 5.3KW
- MODERN AND MINIMAL DESIGN
- LOW NOISE
- AUTORESTART FUNCTION
- WIFI READY



FUNCTIONAL SPECIFICATIONS



Sleep Mode



I Feel



Turbo



Anti-Mildew
Design



Anti-Cold Air



Anti-Corrosion



LED Display



Timer



Auto Restart



Self-Diagnosis



Filter Cleaning
reminder



Low Voltage
Startup



0.5W Standby



Child Lock



Clock

TECHNICAL DATA



Wall Fan Unit- Freematch R32

Model		PRK-WI-M07S	PRK-WI-M09S	PRK-WI-M12S	PRK-WI-M18S	PRK-WI-M24S
Code		110001	110002	110006	110011	110012
Cooling	kW	2,1	2,6	3,5	5,3	6,4
Heating	kW	2,3	2,8	3,6	5,5	6,6
Power Supply	V/Ph/Hz	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Cooling Power Absorption	W	34	34	41	61	90
Heating Power Absorption	W	34	34	41	61	90
Air Flow	m3/h	480	520	580	850	1090
Suond Pressure	dB (A)	37/33/21/19	38/34/21/19	40/35/22/20	47/44/31/29	48/44/35/33
Sound Power	dB (A)	50/46/34/32	51/47/34/32	53/48/35/33	58/55/42/40	61/57/48/46
Refrigerant Pipes Liquid / Gas	inch	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"
Dimensions (LxPxH)	mm	792x195x279	792x195x279	850x203x291	972x224x302	1081x248x327
Weight	kg	9	9	10	13	16

Freematch R32 DUCTED FAN UNIT



- POWER FROM 2.6KW TO 5.2KW
- ECOLOGICAL REFRIGERANT GAS
- AUTORESTART FUNCTION



FUNCTIONAL SPECIFICATIONS



Sleep Mode



I Feel



Turbo



Anti-Mildew
Design



Anti-Cold Air



Anti-Corrosion



Timer



Auto Restart



Self-Diagnosis



Filter Cleaning
reminder



Low Voltage
Startup



0.5W Standby



Child Lock



Clock



TECHNICAL DATA

Ducted Fan Unit- Freematch in R32

Model		PRK-DI-M09S	PRK-DI-M12S	PRK-DI-M18S
Code		112001	112006	112011
Cooling	kW	2,6	3,5	5,2
Heating	kW	2,6	3,5	5,2
Power Supply	V/Ph/Hz	220~240/50/1	220~240/50/1	220~240/50/1
Cooling Power Absorption	W	70	90	125
Heating Power Absorption	W	70	90	125
Air Flow	m3/h	600	800	920
Static Pressure	Pa	25	25	25
Sound Pressure	dB (A)	40/39/27/22	42/41/30/27	43/42/37/33
Sound Power	dB (A)	52/50/39/34	53/52/42/39	55/53/49/45
Refrigerant Pipes Liquid / Gas	inch	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Dimensions (LxPxH)	mm	700x450x200	700x450x200	1000x450x200
Weight	kg	16,5	17	23

Freematch R32

4 WAYS CASSETTE FAN UNIT

- POWER 3,5 AND 5,2 KW
- SLIM DESIGN H 260MM
- LOW NOISE
- AUTORESTART FUNCTION



FUNCTIONAL SPECIFICATIONS



TECHNICAL DATA

4 Ways Cassette Fan Unit - Freematch in R32

Model		PRK-KI-M12S	PRK-KI-M18S
Code		111506	111511
Cooling	kW	3,5	5,2
Heating	kW	3,5	5,2
Power Supply	V/Ph/Hz	220~240/50/1	220~240/50/1
Cooling Power Absorption	W	60	73
Heating Power Absorption	W	60	73
Air Flow	m³/h	700	760
Sound Pressure	dB (A)	47/44/39	47/44/39
Refrigerant Pipes Liquid / Gas	inch	1/4" - 3/8"	1/4" - 1/2"
Unit Dimensions (LxPxH)	mm	570x570x260	570x570x260
Panel Dimensions (LxPxH)	mm	650x650x280	650x650x280
Unit Weight	kg	19	19
Panel Weight	kg	2,2	2,2

Air Conditioning Systems Without Outdoor Unit

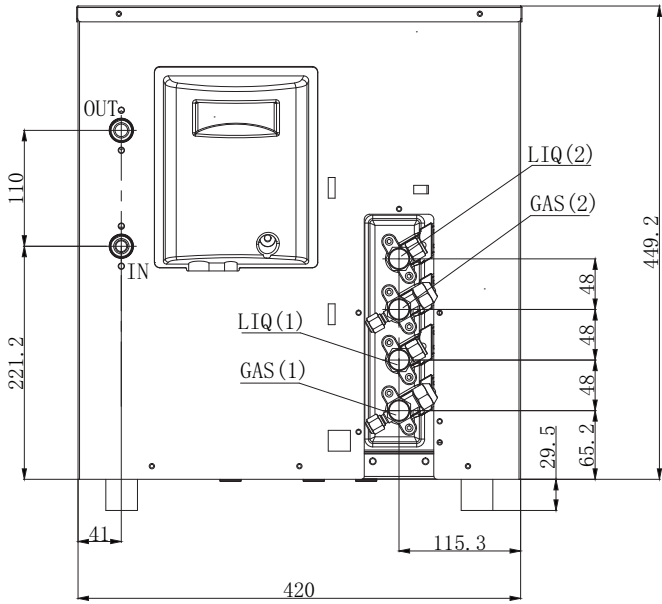
DIMENSIONAL SHEETS

Water Condensing Unit
MCW 2.0 MULTISPLIT - HP
Direct Expansion Heat Pump Water-to-Air

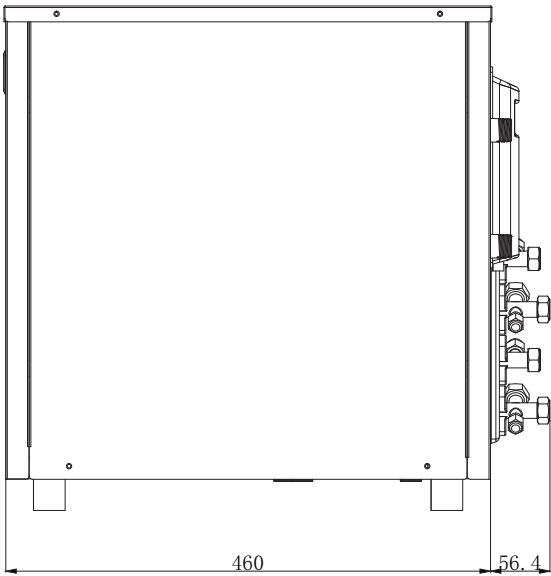
DIMENSIONS

DUAL SPLIT
PRK-2MCW-18S

RIGHT SIDE

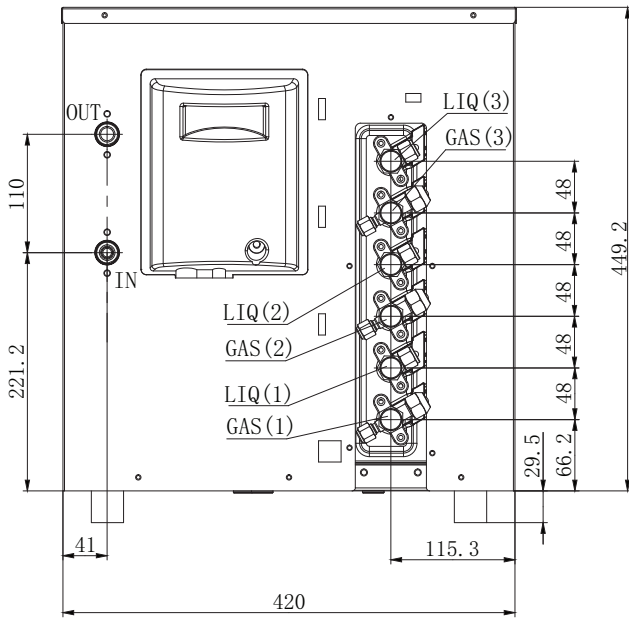


FRONT SIDE

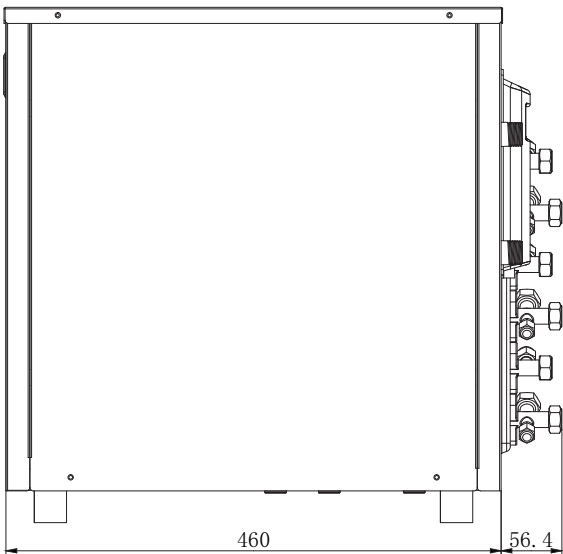


TRIAL SPLIT
PRK-3MCW-24S

RIGHT SIDE

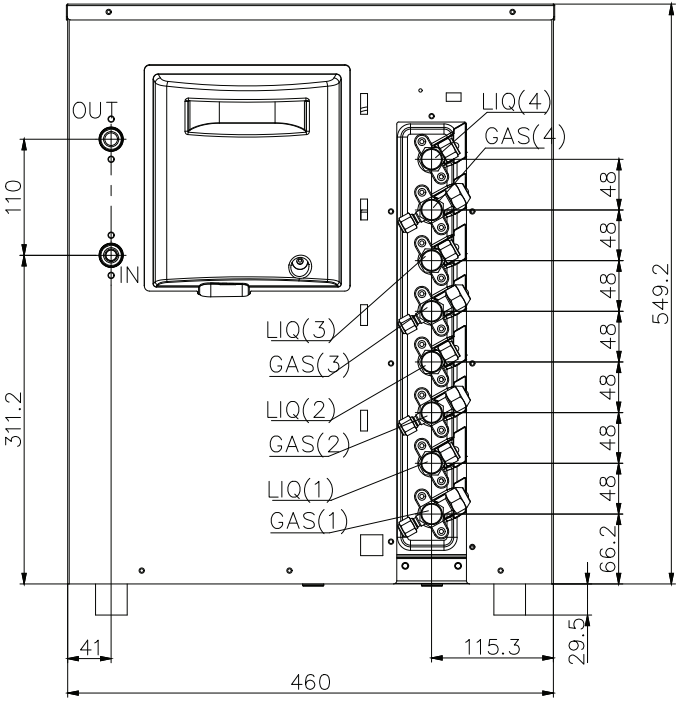


FRONT SIDE

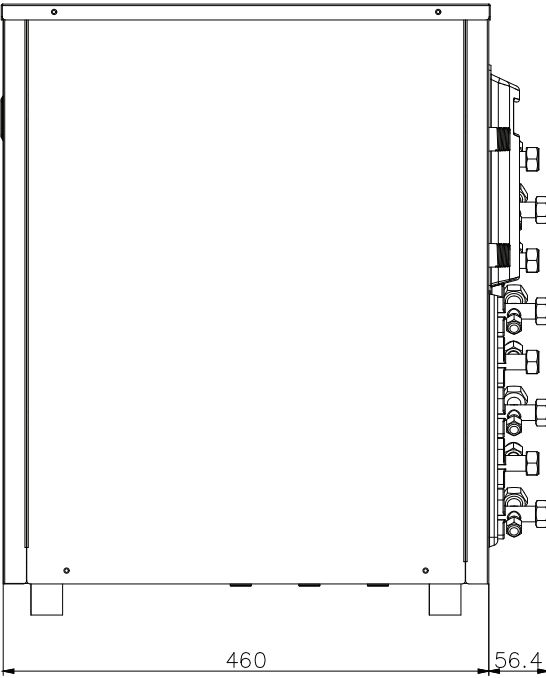


QUADRI SPLIT
PRK-4MCW-36S

RIGHT SIDE

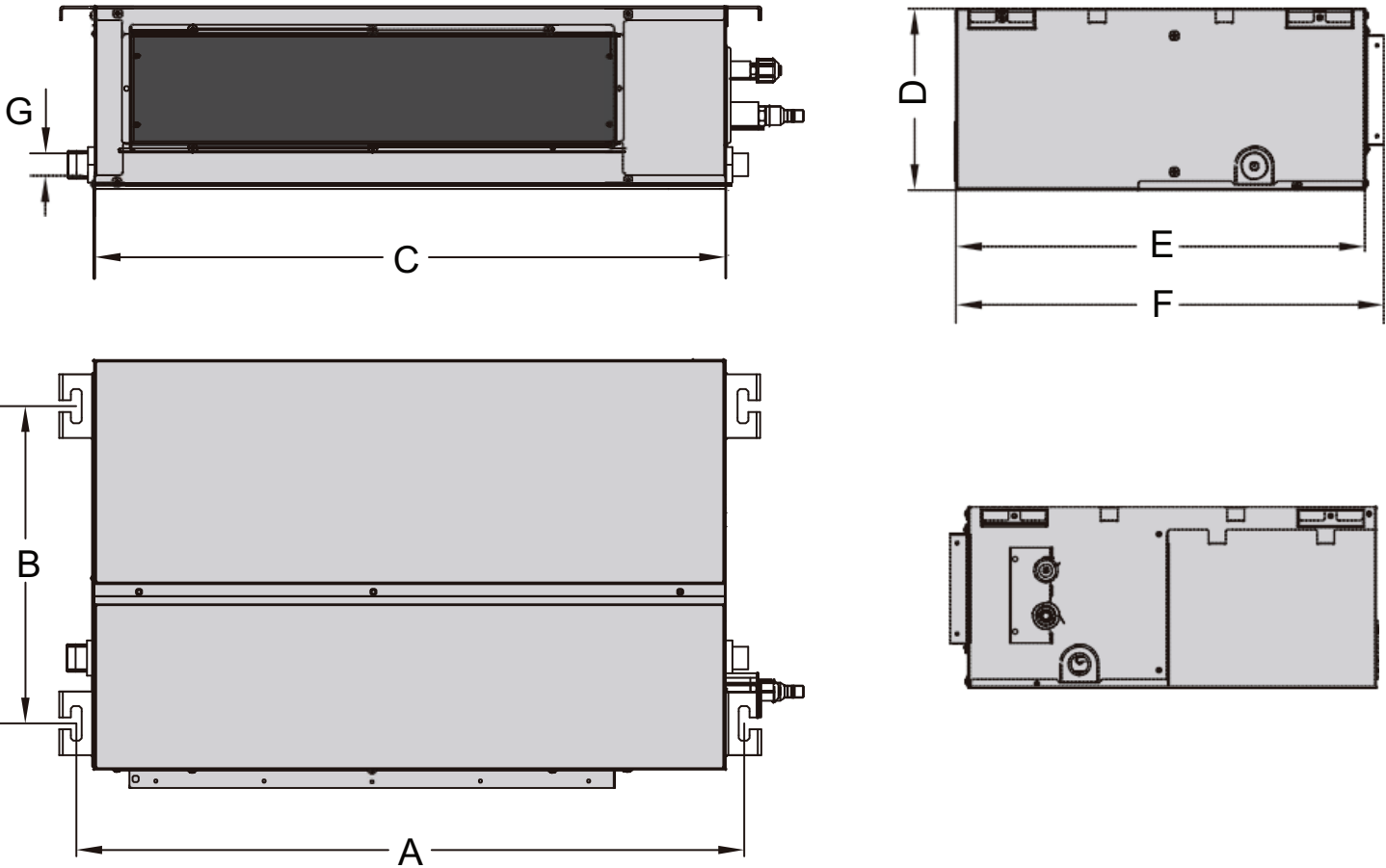


FRONT SIDE



Freematch R32
DUCTED FAN UNIT

DIMENSIONS



Dimensions		A	B	C	D	E	F	G
PRK-DI-M09S	mm	740	350	700	200	450	472	26
PRK-DI-M12S	mm	740	350	700	200	450	472	26
PRK-DI-M18S	mm	1040	350	1000	200	450	472	26