



ARTEL[®]

CLIMA & ENERGIA

HEAT PUMPS

TECHNICAL SHEETS



DESIGN ITALIANO

MHP	MONOBLOC	Inverter R32	pag. 1-6
MHP	MONOBLOC TRIPHASE	Inverter R32	pag. 7-11
SHP	SPLIT	Inverter R32	pag. 12-17
SHP	SPLIT TRIPHASE	Inverter R32	pag. 18-20
SHP	SPLIT WITH INTEGRATED SANITARY TANK	Inverter R32	pag. 21-29
DHW	DHW / WATER HEATER	R134A	pag. 30-34
BH	BACKUP ELECTRIC HEATER		pag. 35
MWW	FAN COIL	Wall	pag. 36-37
MFW	FAN COIL	Floor Ceiling	pag. 38-39
MFW	FAN COIL	Floor Ceiling Recessed	pag. 40-41
MNW	FAN COIL	Ducted	pag. 42-43
MXW	FAN COIL	Cassette Compact / Cassette	pag. 44-45
MWW	FAN COIL	Design Wall	pag. 46-47
MFW	FAN COIL	Design Floor Ceiling	pag. 48-49
MFW	FAN COIL	Design Floor Ceiling Compact	pag. 50-51



Energy Class



Inverter



Wi-Fi Included



Refrigerant Gas



CE
Mark



2002/95/CE
Regulation



MHP5RP24

Power supply		V/Ph/Hz	220-240/1/50
Heating ²	Capacity	kW	4.65
	Rated input	kW	0.93
	COP		5.00
Heating ³	Capacity	kW	4.65
	Rated input	kW	1.77
	COP		2.63
Cooling ⁴	Capacity	kW	4.60
	Rated input	kW	0.95
	EER		4.82
Cooling ⁵	Capacity	kW	4.85
	Rated input	kW	1.63
	EER		2.98
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A+++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.47
	LWT at 55 °C		3.24
SEER ⁶	LWT at 7 °C		4.71
	LWT at 18 °C		7.61
Sound power level ⁷		dB(A)	61
Outdoor fan	Air flow	m³/h	3050
Net dimensions (WxHxD)		mm	1210x945x402
Packed dimensions (WxHxD)		mm	1280x1090x435
Net/gross weight		kg	92/111
Water piping connections		inch	1" Male BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	2.0
Operating temperature range	Cooling	°C	-5 to 43
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	2.0
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in average climate conditions: a) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C; b) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 47°C, LWT 55°C; c) Cooling: outdoor air temperature 35°C DB, 24°C WB; EWT 12°C, LWT 7°C.



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.

		MHP7RP24	
Power supply		V/Ph/Hz	220-240/1/50
Heating ²	Capacity	kW	6.65
	Rated input	kW	1.35
	COP		4.94
Heating ³	Capacity	kW	6.80
	Rated input	kW	2.42
	COP		2.81
Cooling ⁴	Capacity	kW	6.45
	Rated input	kW	1.39
	EER		4.65
Cooling ⁵	Capacity	kW	6.30
	Rated input	kW	2.27
	EER		2.77
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A+++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.47
	LWT at 55 °C		3.24
SEER ⁶	LWT at 7 °C		4.99
	LWT at 18 °C		8.58
Sound power level ⁷		dB(A)	64
Outdoor fan	Air flow	m³/h	3050
Net dimensions (WxHxD)		mm	1210x945x402
Packed dimensions (WxHxD)		mm	1280x1090x435
Net/gross weight		kg	92/111
Water piping connections		inch	1" Male BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	2.0
Operating temperature range	Cooling	°C	-5 to 43
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	2.0
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in average climate conditions: a) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C; b) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 47°C, LWT 55°C; c) Cooling: outdoor air temperature 35°C DB, 24°C WB; EWT 12°C, LWT 7°C.

A+++

Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



			MHP9RP24
Power supply		V/Ph/Hz	220-240/1/50
Heating ²	Capacity	kW	8.60
	Rated input	kW	1.87
	COP		4.60
Heating ³	Capacity	kW	8.60
	Rated input	kW	3.13
	COP		2.75
Cooling ⁴	Capacity	kW	8.00
	Rated input	kW	1.92
	EER		4.16
Cooling ⁵	Capacity	kW	7.95
	Rated input	kW	3.15
	EER		2.53
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A+++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.51
	LWT at 55 °C		3.22
SEER ⁶	LWT at 7 °C		4.92
	LWT at 18 °C		7.88
Sound power level ⁷		dB(A)	67
Outdoor fan	Air flow	m³/h	3050
Net dimensions (WxHxD)		mm	1210x945x402
Packed dimensions (WxHxD)		mm	1280x1090x435
Net/gross weight		kg	92/111
Water piping connections		inch	1" Male BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	2.0
Operating temperature range	Cooling	°C	-5 to 43
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	2.0
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in average climate conditions: a) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C; b) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 47°C, LWT 55°C; c) Cooling: outdoor air temperature 35°C DB, 24°C WB; EWT 12°C, LWT 7°C.



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.

MHP12RP24			
Power supply		V/Ph/Hz	220-240/1/50
Heating ²	Capacity	kW	12.30
	Rated input	kW	2.56
	COP		4.81
Heating ³	Capacity	kW	11.90
	Rated input	kW	4.28
	COP		2.78
Cooling ⁴	Capacity	kW	12.20
	Rated input	kW	2.55
	EER		4.78
Cooling ⁵	Capacity	kW	10.90
	Rated input	kW	3.74
	EER		2.92
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.29
	LWT at 55 °C		3.23
SEER ⁶	LWT at 7 °C		4.85
	LWT at 18 °C		7.50
Sound power level ⁷		dB(A)	68
Outdoor fan	Air flow	m³/h	6150
Net dimensions (WxHxD)		mm	1404x1414x405
Packed dimensions (WxHxD)		mm	1430x1475x450
Net/gross weight		kg	158/178
Water piping connections		inch	1-1/4" Male BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	3.2
Operating temperature range	Cooling	°C	-5 to 46
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	2.8
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in average climate conditions: a) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C; b) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 47°C, LWT 55°C; c) Cooling: outdoor air temperature 35°C DB, 24°C WB; EWT 12°C, LWT 7°C.



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.

MHP14RP24			
Power supply		V/Ph/Hz	220-240/1/50
Heating ²	Capacity	kW	14.10
	Rated input	kW	3.07
	COP		4.60
Heating ³	Capacity	kW	14.20
	Rated input	kW	5.17
	COP		2.75
Cooling ⁴	Capacity	kW	14.00
	Rated input	kW	3.10
	EER		4.52
Cooling ⁵	Capacity	kW	12.90
	Rated input	kW	4.64
	EER		2.78
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.27
	LWT at 55 °C		3.26
SEER ⁶	LWT at 7 °C		4.73
	LWT at 18 °C		7.16
Sound power level ⁷		dB(A)	71
Outdoor fan	Air flow	m³/h	6150
Net dimensions (WxHxD)		mm	1404x1414x405
Packed dimensions (WxHxD)		mm	1430x1475x450
Net/gross weight		kg	158/178
Water piping connections		inch	1-1/4" Male BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	3.2
Operating temperature range	Cooling	°C	-5 to 46
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	2.8
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in average climate conditions: a) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C; b) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 47°C, LWT 55°C; c) Cooling: outdoor air temperature 35°C DB, 24°C WB; EWT 12°C, LWT 7°C.



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.

MHP16RP24			
Power supply		V/Ph/Hz	220-240/1/50
Heating ²	Capacity	kW	16.30
	Rated input	kW	3.66
	COP		4.45
Heating ³	Capacity	kW	16.10
	Rated input	kW	5.91
	COP		2.73
Cooling ⁴	Capacity	kW	15.50
	Rated input	kW	3.64
	EER		4.26
Cooling ⁵	Capacity	kW	13.80
	Rated input	kW	5.21
	EER		2.65
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.30
	LWT at 55 °C		3.27
SEER ⁶	LWT at 7 °C		4.54
	LWT at 18 °C		6.78
Sound power level ⁷		dB(A)	71
Outdoor fan	Air flow	m³/h	6150
Net dimensions (WxHxD)		mm	1404x1414x405
Packed dimensions (WxHxD)		mm	1430x1475x450
Net/gross weight		kg	158/178
Water piping connections		inch	1-1/4" Male BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	3.2
Operating temperature range	Cooling	°C	-5 to 46
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	2.8
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in average climate conditions: a) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C; b) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 47°C, LWT 55°C; c) Cooling: outdoor air temperature 35°C DB, 24°C WB; EWT 12°C, LWT 7°C.



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.

MHP12RP24P3

Power supply		V/Ph/Hz	380-415/3/50
Heating ²	Capacity	kW	12.30
	Rated input	kW	2.54
	COP		4.84
Heating ³	Capacity	kW	11.90
	Rated input	kW	4.24
	COP		2.81
Cooling ⁴	Capacity	kW	12.20
	Rated input	kW	2.53
	EER		4.83
Cooling ⁵	Capacity	kW	10.90
	Rated input	kW	3.72
	EER		2.93
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.29
	LWT at 55 °C		3.23
SEER ⁶	LWT at 7 °C		4.85
	LWT at 18 °C		7.50
Sound power level ⁷		dB(A)	68
Outdoor fan	Air flow	m³/h	6150
Net dimensions (WxHxD)		mm	1404x1414x405
Packed dimensions (WxHxD)		mm	1430x1475x450
Net/gross weight		kg	172/193
Water piping connections		inch	1-1/4" Male BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	3.2
Operating temperature range	Cooling	°C	-5 to 46
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	2.8
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in average climate conditions: a) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C; b) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 47°C, LWT 55°C; c) Cooling: outdoor air temperature 35°C DB, 24°C WB; EWT 12°C, LWT 7°C.



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.

MHP14RP24P3

Power supply		V/Ph/Hz	380-415/3/50
Heating ²	Capacity	kW	14.10
	Rated input	kW	3.05
	COP		4.63
Heating ³	Capacity	kW	14.20
	Rated input	kW	5.10
	COP		2.79
Cooling ⁴	Capacity	kW	14.00
	Rated input	kW	3.11
	EER		4.50
Cooling ⁵	Capacity	kW	12.90
	Rated input	kW	4.62
	EER		2.80
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.27
	LWT at 55 °C		3.26
SEER ⁶	LWT at 7 °C		4.73
	LWT at 18 °C		7.16
Sound power level ⁷		dB(A)	71
Outdoor fan	Air flow	m³/h	6150
Net dimensions (WxHxD)		mm	1404x1414x405
Packed dimensions (WxHxD)		mm	1430x1475x450
Net/gross weight		kg	172/193
Water piping connections		inch	1-1/4" Male BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	3.2
Operating temperature range	Cooling	°C	-5 to 46
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	2.8
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in average climate conditions: a) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C; b) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 47°C, LWT 55°C; c) Cooling: outdoor air temperature 35°C DB, 24°C WB; EWT 12°C, LWT 7°C.



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.

MHP16RP24P3

Power supply		V/Ph/Hz	380-415/3/50
Heating ²	Capacity	kW	16.30
	Rated input	kW	3.63
	COP		4.49
Heating ³	Capacity	kW	16.10
	Rated input	kW	5.83
	COP		2.76
Cooling ⁴	Capacity	kW	15.50
	Rated input	kW	3.63
	EER		4.27
Cooling ⁵	Capacity	kW	13.80
	Rated input	kW	5.19
	EER		2.66
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.30
	LWT at 55 °C		3.27
SEER ⁶	LWT at 7 °C		4.54
	LWT at 18 °C		6.78
Sound power level ⁷		dB(A)	71
Outdoor fan	Air flow	m³/h	6150
Net dimensions (WxHxD)		mm	1404x1414x405
Packed dimensions (WxHxD)		mm	1430x1475x450
Net/gross weight		kg	172/193
Water piping connections		inch	1-1/4" Male BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	3.2
Operating temperature range	Cooling	°C	-5 to 46
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	2.8
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in average climate conditions: a) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C; b) Heating: outdoor air temperature 7°C DB, 6°C WB; EWT 47°C, LWT 55°C; c) Cooling: outdoor air temperature 35°C DB, 24°C WB; EWT 12°C, LWT 7°C.



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.

MHPA22RP24P3

Power supply		V/Ph/Hz	380-415/3/50
Heating ²	Capacity	kW	22.0
	Rated input	kW	5.0
	COP		4.40
Heating ³	Capacity	kW	22.0
	Rated input	kW	8.30
	COP		2.65
Cooling ⁴	Capacity	kW	23.0
	Rated input	kW	5.0
	EER		4.6
Cooling ⁵	Capacity	kW	21.0
	Rated input	kW	7.12
	EER		2.95
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A+++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.53
	LWT at 55 °C		3.22
SEER ⁶	LWT at 7 °C		4.70
	LWT at 18 °C		5.67
Sound power level ⁷		dB(A)	73
Net dimensions (WxHxD)		mm	1129x1558x440
Packed dimensions (WxHxD)		mm	1220x1735x565
Net/gross weight		kg	177 / 206
Water piping connections		inch	1-1/4" BSP
Safety valve set pressure		MPa	0,3
Max. pump head		m	12
Operating temperature range	Cooling	°C	-5 to 46
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	5.0
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Norme EU standard e legislazioni: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; OJ 2014/C 207/02. 2) Temperatura aria esterna 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Temperatura aria esterna 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Temperatura aria esterna 35°C DB; EWT 23°C, LWT 18°C. 5) Temperatura aria esterna 35°C DB; EWT 12°C, LWT 7°C. 6) Classe di efficienza energetica stagionale per il riscaldamento in condizioni climatiche medie. 7) Test standard: EN12102-1



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



MHPA30RP24P3

Power supply		V/Ph/Hz	380-415/3/50
Heating ²	Capacity	kW	30.1
	Rated input	kW	7.70
	COP		3.91
Heating ³	Capacity	kW	30.0
	Rated input	kW	13.04
	COP		2.30
Cooling ⁴	Capacity	kW	31.0
	Rated input	kW	7.75
	EER		4.00
Cooling ⁵	Capacity	kW	29.5
	Rated input	kW	11.57
	EER		2.55
Seasonal space heating energy efficiency class ⁶	LWT at 35 °C		A++
	LWT at 55 °C		A+
SCOP ⁶	LWT at 35 °C		4.19
	LWT at 55 °C		3.14
SEER ⁶	LWT at 7 °C		4.49
	LWT at 18 °C		5.71
Sound power level ⁷		dB(A)	77
Net dimensions (WxHxD)		mm	1129x1558x440
Packed dimensions (WxHxD)		mm	1220x1735x565
Net/gross weight		kg	177 / 206
Water piping connections		inch	1-1/4" BSP
Safety valve set pressure		MPa	0,3
Max. pump head		m	12
Operating temperature range	Cooling	°C	-5 to 46
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 60
	DHW	°C	40 to 60
Refrigerant	Type		R32
	Charged volume	kg	5.0
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.0

1) Norme EU standard e legislazioni: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; OJ 2014/C 207/02. 2) Temperatura aria esterna 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Temperatura aria esterna 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Temperatura aria esterna 35°C DB; EWT 23°C, LWT 18°C. 5) Temperatura aria esterna 35°C DB; EWT 12°C, LWT 7°C. 6) Classe di efficienza energetica stagionale per il riscaldamento in condizioni climatiche medie. 7) Test standard: EN12102-1



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO6RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Heating ²	Capacity	kW	6.20	
	Rated input	kW	1.24	
	COP		5.00	
Heating ³	Capacity	kW	6.00	
	Rated input	kW	2.00	
	COP		3.00	
Cooling ⁴	Capacity	kW	6.55	
	Rated input	kW	1.34	
	EER		4.90	
Cooling ⁵	Capacity	kW	7.00	
	Rated input	kW	2.33	
	EER		3.00	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.95	
	LWT at 55 °C		3.52	
SEER ⁶	LWT at 7 °C		5.34	
	LWT at 18 °C		8.21	
Sound power level ⁷		dB(A)	58	
Dimensions (WxHxD)		mm	1007x712x426	
Net/gross weight		kg	58/64	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 6.35
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume	kg	R32/1.50	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	
INDOOR UNIT			SHPAI60RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	38	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	37/43	
Water circuit	Piping connections	inch	1"	
	Safety valve	MPa	0.3	
	Drainage pipe Dia.	mm	ø 25	
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type	Plate	
	Water pump head	m	9.0	
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional	kW	3.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO8RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Heating ²	Capacity	kW	8.30	
	Rated input	kW	1.60	
	COP		5.20	
Heating ³	Capacity	kW	7.50	
	Rated input	kW	2.36	
	COP		3.18	
Cooling ⁴	Capacity	kW	8.40	
	Rated input	kW	1.66	
	EER		5.05	
Cooling ⁵	Capacity	kW	7.40	
	Rated input	kW	2.19	
	EER		3.38	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		5.21	
	LWT at 55 °C		3.36	
SEER ⁶	LWT at 7 °C		5.83	
	LWT at 18 °C		8.95	
Sound power level ⁷		dB(A)	59	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	77/88	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.65
Expansion valve				Electronic
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	
INDOOR UNIT			SHPAI100RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	42	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	37/43	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type	Plate	
	Water pump head		m	9.0
	Cooling	°C	5 to 25	
LWT range	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional		kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO10RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Heating ²	Capacity	kW	10.0	
	Rated input	kW	2.00	
	COP		5.00	
Heating ³	Capacity	kW	9.50	
	Rated input	kW	3.06	
	COP		3.10	
Cooling ⁴	Capacity	kW	10.0	
	Rated input	kW	2.08	
	EER		4.80	
Cooling ⁵	Capacity	kW	8.20	
	Rated input	kW	2.48	
	EER		3.30	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		5.19	
	LWT at 55 °C		3.49	
SEER ⁶	LWT at 7 °C		5.98	
	LWT at 18 °C		8.78	
Sound power level ⁷		dB(A)	60	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	77/88	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		OUTDOOR UNIT (upside downside)	m
Refrigerant	Type / Charged volume		kg	R32/1.65
Expansion valve				Electronic
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	
INDOOR UNIT			SHPAI100RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	42	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	37/43	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary		Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT				SHPA012RP24		
Power supply			V/Ph/Hz		220-240/1/50	
Heating ²	Capacity		kW		12.1	
	Rated input		kW		2.44	
	COP				4.95	
Heating ³	Capacity		kW		12.0	
	Rated input		kW		3.87	
	COP				3.10	
Cooling ⁴	Capacity		kW		12.0	
	Rated input		kW		3.00	
	EER				4.00	
Cooling ⁵	Capacity		kW		11.6	
	Rated input		kW		4.22	
	EER				2.75	
Seasonal space heating energy class ⁵	LWT at 35 °C				A+++	
	LWT at 55 °C				A++	
SCOP ⁶	LWT at 35 °C				4.81	
	LWT at 55 °C				3.45	
SEER ⁶	LWT at 7 °C				4.89	
	LWT at 18 °C				7.1	
Sound power level ⁷			dB(A)		64	
Dimensions (WxHxD)			mm		1118x864x523	
Net/gross weight			kg		96/110	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm		Flaring / ø 9.52	
	Gas	Type/Dia.(OD)	mm		Flaring / ø 15.9	
	Piping lenght (min - max)		m		2 to 30	
	Installation height		m		20/20	
Refrigerant	Type / Charged volume		kg		R32/1.84	
Expansion valve					Electronic	
Operating temperature range	Cooling		°C		-5 to 43	
	Heating		°C		-25 to 35	
	DHW		°C		-25 to 43	
INDOOR UNIT				SHPAI160RP24		
Power supply			V/Ph/Hz		220-240/1/50	
Sound power level ⁷			dB(A)		43	
Dimensions (WxHxD)			mm		420x790x270	
Net/gross weight			kg		39/45	
Water circuit	Piping connections		inch		1"	
	Safety valve		MPa		0.3	
	Drainage pipe Dia.		mm		ø 25	
	Expansion tank	Volume	L		8.0	
	Water side heat exchanger	Type			Plate	
	Water pump head		m		9.0	
LWT range	Cooling		°C		5 to 25	
	Heating		°C		25 to 65	
	DHW		°C		40 to 60	
Backup electric heater /auxiliary			Optional		kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO14RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Heating ²	Capacity	kW	14.5	
	Rated input	kW	3.09	
	COP		4.70	
Heating ³	Capacity	kW	13.8	
	Rated input	kW	4.60	
	COP		3.00	
Cooling ⁴	Capacity	kW	13.50	
	Rated input	kW	3.75	
	EER		3.60	
Cooling ⁵	Capacity	kW	12.7	
	Rated input	kW	4.98	
	EER		2.55	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.72	
	LWT at 55 °C		3.47	
SEER ⁶	LWT at 7 °C		4.86	
	LWT at 18 °C		6.9	
Sound power level ⁷		dB(A)	65	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	96/110	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume	kg	R32/1.84	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	
INDOOR UNIT			SHPAI160RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	43	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	39/45	
Water circuit	Piping connections	inch	1"	
	Safety valve	MPa	0.3	
	Drainage pipe Dia.	mm	ø 25	
	Expansion tank	Volume	L 8.0	
	Water side heat exchanger	Type	Plate	
	Water pump head	m	9.0	
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional	kW	3.0	

1) Relevant EU standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO16RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Heating ²	Capacity	kW	16.0	
	Rated input	kW	3.56	
	COP		4.50	
Heating ³	Capacity	kW	16.0	
	Rated input	kW	5.52	
	COP		2.90	
Cooling ⁴	Capacity	kW	14.90	
	Rated input	kW	4.38	
	EER		3.40	
Cooling ⁵	Capacity	kW	14.0	
	Rated input	kW	5.71	
	EER		2.45	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.62	
	LWT at 55 °C		3.41	
SEER ⁶	LWT at 7 °C		4.69	
	LWT at 18 °C		6.75	
Sound power level ⁷		dB(A)	68	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	96/110	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume	kg	R32/1.84	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	
INDOOR UNIT			SHPAI160RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	43	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	39/45	
Water circuit	Piping connections	inch	1"	
	Safety valve	MPa	0.3	
	Drainage pipe Dia.	mm	ø 25	
	Expansion tank	Volume	L 8.0	
	Water side heat exchanger	Type	Plate	
	Water pump head	m	9.0	
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional	kW	3.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50664: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO12RP24P3	
Power supply		V/Ph/Hz	380-415/3/50	
Heating ²	Capacity	kW	12.1	
	Rated input	kW	2.44	
	COP		4.95	
Heating ³	Capacity	kW	12.0	
	Rated input	kW	3.87	
	COP		3.10	
Cooling ⁴	Capacity	kW	12.0	
	Rated input	kW	3.00	
	EER		4.00	
Cooling ⁵	Capacity	kW	11.6	
	Rated input	kW	4.22	
	EER		2.75	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.81	
	LWT at 55 °C		3.45	
SEER ⁶	LWT at 7 °C		4.86	
	LWT at 18 °C		7.04	
Sound power level ⁷		dB(A)	64	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	112/125	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.84
Expansion valve				Electronic
Operating temperature range	Cooling		°C	-5 to 43
	Heating		°C	-25 to 35
	DHW		°C	-25 to 43
INDOOR UNIT			SHPAI160RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	43	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	39/45	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling		°C	5 to 25
	Heating		°C	25 to 65
	DHW		°C	40 to 60
Backup electric heater /auxiliary	Optional		kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO14RP24P3	
Power supply		V/Ph/Hz	380-415/3/50	
Heating ²	Capacity	kW	14.5	
	Rated input	kW	3.09	
	COP		4.70	
Heating ³	Capacity	kW	13.8	
	Rated input	kW	4.60	
	COP		3.00	
Cooling ⁴	Capacity	kW	13.50	
	Rated input	kW	3.75	
	EER		3.60	
Cooling ⁵	Capacity	kW	12.7	
	Rated input	kW	4.98	
	EER		2.55	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.72	
	LWT at 55 °C		3.47	
SEER ⁶	LWT at 7 °C		4.83	
	LWT at 18 °C		6.85	
Sound power level ⁷		dB(A)	65	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	112/125	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.84
Expansion valve				Electronic
Operating temperature range	Cooling		°C	-5 to 43
	Heating		°C	-25 to 35
	DHW		°C	-25 to 43
INDOOR UNIT			SHPAI160RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	43	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	39/45	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling		°C	5 to 25
	Heating		°C	25 to 65
	DHW		°C	40 to 60
Backup electric heater /auxiliary	Optional		kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO16RP24P3	
Power supply		V/Ph/Hz	380-415/3/50	
Heating ²	Capacity	kW	16.0	
	Rated input	kW	3.56	
	COP		4.50	
Heating ³	Capacity	kW	16.0	
	Rated input	kW	5.52	
	COP		2.90	
Cooling ⁴	Capacity	kW	14.90	
	Rated input	kW	4.38	
	EER		3.40	
Cooling ⁵	Capacity	kW	14.0	
	Rated input	kW	5.71	
	EER		2.45	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.62	
	LWT at 55 °C		3.41	
SEER ⁶	LWT at 7 °C		4.67	
	LWT at 18 °C		6.71	
Sound power level ⁷		dB(A)	68	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	112/125	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.84
Expansion valve				Electronic
Operating temperature range	Cooling		°C	-5 to 43
	Heating		°C	-25 to 35
	DHW		°C	-25 to 43
INDOOR UNIT			SHPAI160RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	43	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	39/45	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling		°C	5 to 25
	Heating		°C	25 to 65
	DHW		°C	40 to 60
Backup electric heater /auxiliary	Optional		kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO6RP24
Power supply		V/Ph/Hz	220-240/1/50
Heating ²	Capacity	kW	6.20
	Rated input	kW	1.24
	COP		5.00
Heating ³	Capacity	kW	6.00
	Rated input	kW	2.00
	COP		3.00
Cooling ⁴	Capacity	kW	6.55
	Rated input	kW	1.34
	EER		4.90
Cooling ⁵	Capacity	kW	7.00
	Rated input	kW	2.33
	EER		3.00
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++
	LWT at 55 °C		A++
SCOP ⁶	LWT at 35 °C		4.95
	LWT at 55 °C		3.52
SEER ⁶	LWT at 7 °C		5.34
	LWT at 18 °C		8.21
Sound power level ⁷		dB(A)	58
Dimensions (WxHxD)		mm	1007x712x426
Net/gross weight		kg	58/64
FGAS piping connections	Liquid	Type/Dia. (OD)	mm
	Gas	Type/Dia. (OD)	mm
	Piping lenght (min - max)		m
	Installation height	OUTDOOR UNIT (upside downside)	m
Refrigerant	Type / Charged volume	kg	R32/1.50
Expansion valve			Electronic
Operating temperature range	Cooling	°C	-5 to 43
	Heating	°C	-25 to 35
	DHW	°C	-25 to 43
INDOOR UNIT			CUBE25010
Power supply		V/Ph/Hz	220-240/1/50
Sound power level ⁷		dB(A)	42
Dimensions (WxHxD) - gross weight		mm - kg	700x1740x770 - 210
Water circuit	Piping connections	inch	1"
	Safety valve	MPa	0.3
	Drainage pipe Dia.	mm	ø 25
	Expansion tank	Volume	L
	Water side heat exchanger	Type	Plastre
	Prevalenza pompa di circolazione	m	8.0
	DHW expansion tank	Volume	L
	DHW profile		XL
ErP Regulation	Energy efficiency class	°C	A
Backup electric heater	Capacity	kW	2.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO8RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Heating ²	Capacity	kW	8.30	
	Rated input	kW	1.60	
	COP		5.20	
Heating ³	Capacity	kW	7.50	
	Rated input	kW	2.36	
	COP		3.18	
Cooling ⁴	Capacity	kW	8.40	
	Rated input	kW	1.66	
	EER		5.05	
Cooling ⁵	Capacity	kW	7.40	
	Rated input	kW	2.19	
	EER		3.38	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		5.21	
	LWT at 55 °C		3.36	
SEER ⁶	LWT at 7 °C		5.83	
	LWT at 18 °C		8.95	
Sound power level ⁷		dB(A)	59	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	77/88	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.65
Expansion valve				Electronic
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	
INDOOR UNIT			CUBE25010	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	42	
Dimensions (WxHxD) - gross weight		mm - kg	700x1740x770 - 210	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Piastre
	Prevalenza pompa di circolazione		m	8.0
	DHW expansion tank	Volume	L	16
	DHW profile			XL
ErP Regulation	Energy efficiency class		°C	A
Backup electric heater	Capacity		kW	2.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50664: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPA010RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Heating ²	Capacity	kW	10.0	
	Rated input	kW	2.00	
	COP		5.00	
Heating ³	Capacity	kW	9.50	
	Rated input	kW	3.06	
	COP		3.10	
Cooling ⁴	Capacity	kW	10.0	
	Rated input	kW	2.08	
	EER		4.80	
Cooling ⁵	Capacity	kW	8.20	
	Rated input	kW	2.48	
	EER		3.30	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		5.19	
	LWT at 55 °C		3.49	
SEER ⁶	LWT at 7 °C		5.98	
	LWT at 18 °C		8.78	
Sound power level ⁷		dB(A)	60	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	77/88	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.65
Expansion valve				Electronic
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	
INDOOR UNIT			CUBE25010	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	42	
Dimensions (WxHxD) - gross weight		mm - kg	700x1740x770 - 210	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type	Piastre	
	Prevalenza pompa di circolazione		m	8.0
	DHW expansion tank	Volume	L	16
	DHW profile		XL	
ErP Regulation	Energy efficiency class		°C	A
Backup electric heater	Capacity		kW	2.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT				SHPAO12RP24	
Power supply			V/Ph/Hz		220-240/1/50
Heating ²	Capacity		kW		12.1
	Rated input		kW		2.44
	COP				4.95
Heating ³	Capacity		kW		12.0
	Rated input		kW		3.87
	COP				3.10
Cooling ⁴	Capacity		kW		12.0
	Rated input		kW		3.00
	EER				4.00
Cooling ⁵	Capacity		kW		11.6
	Rated input		kW		4.22
	EER				2.75
Seasonal space heating energy class ⁵	LWT at 35 °C				A+++
	LWT at 55 °C				A++
SCOP ⁶	LWT at 35 °C				4.81
	LWT at 55 °C				3.45
SEER ⁶	LWT at 7 °C				4.89
	LWT at 18 °C				7.1
Sound power level ⁷			dB(A)		64
Dimensions (WxHxD)			mm		1118x864x523
Net/gross weight			kg		96/110
FGAS piping connections	Liquid	Type/Dia.(OD)	mm		Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm		Flaring / ø 15.9
	Piping lenght (min - max)		m		2 to 30
	Installation height		m		20/20
Refrigerant	Type / Charged volume		kg		R32/1.84
Expansion valve					Electronic
Operating temperature range	Cooling		°C		-5 to 43
	Heating		°C		-25 to 35
	DHW		°C		-25 to 43
INDOOR UNIT				CUBE25016	
Power supply			V/Ph/Hz		220-240/1/50
Sound power level ⁷			dB(A)		42
Dimensions (WxHxD) - gross weight			mm - kg		700x1740x770 - 210
Water circuit	Piping connections		inch		1"
	Safety valve		MPa		0.3
	Drainage pipe Dia.		mm		ø 25
	Expansion tank	Volume	L		8.0
	Water side heat exchanger	Type			Piastre
	Prevalenza pompa di circolazione		m		8.0
	DHW expansion tank	Volume	L		16
ErP Regulation	DHW profile				XL
	Energy efficiency class		°C		A
Backup electric heater	Capacity		kW		2.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO14RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Heating ²	Capacity	kW	14.5	
	Rated input	kW	3.09	
	COP		4.70	
Heating ³	Capacity	kW	13.8	
	Rated input	kW	4.60	
	COP		3.00	
Cooling ⁴	Capacity	kW	13.50	
	Rated input	kW	3.75	
	EER		3.60	
Cooling ⁵	Capacity	kW	12.7	
	Rated input	kW	4.98	
	EER		2.55	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.72	
	LWT at 55 °C		3.47	
SEER ⁶	LWT at 7 °C		4.86	
	LWT at 18 °C		6.9	
Sound power level ⁷		dB(A)	65	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	96/110	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.84
Expansion valve				Electronic
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	
INDOOR UNIT			CUBE25016	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	42	
Dimensions (WxHxD) - gross weight		mm - kg	700x1740x770 - 210	
Water circuit	Piping connections	inch	1"	
	Safety valve	MPa	0.3	
	Drainage pipe Dia.	mm	ø 25	
	Expansion tank	Volume	L	
	Water side heat exchanger	Type	Piastre	
	Prevalenza pompa di circolazione		m	
	DHW expansion tank	Volume	L	
	DHW profile		XL	
ErP Regulation	Energy efficiency class	°C	A	
Backup electric heater	Capacity	kW	2.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO16RP24	
Power supply		V/Ph/Hz	220-240/1/50	
Heating ²	Capacity	kW	16.0	
	Rated input	kW	3.56	
	COP		4.50	
Heating ³	Capacity	kW	16.0	
	Rated input	kW	5.52	
	COP		2.90	
Cooling ⁴	Capacity	kW	14.90	
	Rated input	kW	4.38	
	EER		3.40	
Cooling ⁵	Capacity	kW	14.0	
	Rated input	kW	5.71	
	EER		2.45	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.62	
	LWT at 55 °C		3.41	
SEER ⁶	LWT at 7 °C		4.69	
	LWT at 18 °C		6.75	
Sound power level ⁷		dB(A)	68	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	96/110	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.84
Expansion valve				Electronic
Operating temperature range	Cooling		°C	-5 to 43
	Heating		°C	-25 to 35
	DHW		°C	-25 to 43
INDOOR UNIT			CUBE25016	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	42	
Dimensions (WxHxD) - gross weight		mm - kg	700x1740x770 - 210	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Piastre
	Prevalenza pompa di circolazione		m	8.0
	DHW expansion tank	Volume	L	16
ErP Regulation	DHW profile			XL
	Energy efficiency class		°C	A
Backup electric heater	Capacity		kW	2.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO12RP24P3	
Power supply		V/Ph/Hz	380-415/3/50	
Heating ²	Capacity	kW	12.1	
	Rated input	kW	2.44	
	COP		4.95	
Heating ³	Capacity	kW	12.0	
	Rated input	kW	3.87	
	COP		3.10	
Cooling ⁴	Capacity	kW	12.0	
	Rated input	kW	3.00	
	EER		4.00	
Cooling ⁵	Capacity	kW	11.6	
	Rated input	kW	4.22	
	EER		2.75	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.81	
	LWT at 55 °C		3.45	
SEER ⁶	LWT at 7 °C		4.86	
	LWT at 18 °C		7.04	
Sound power level ⁷		dB(A)	64	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	112/125	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.84
Expansion valve				Electronic
Operating temperature range	Cooling		°C	-5 to 43
	Heating		°C	-25 to 35
	DHW		°C	-25 to 43
INDOOR UNIT			CUBE25016	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	42	
Dimensions (WxHxD) - gross weight		mm - kg	700x1740x770 - 210	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Piastre
	Prevalenza pompa di circolazione		m	8.0
	DHW expansion tank	Volume	L	16
ErP Regulation	DHW profile			XL
	Energy efficiency class		°C	A
Backup electric heater	Capacity		kW	2.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO14RP24P3	
Power supply		V/Ph/Hz	380-415/3/50	
Heating ²	Capacity	kW	14.5	
	Rated input	kW	3.09	
	COP		4.70	
Heating ³	Capacity	kW	13.8	
	Rated input	kW	4.60	
	COP		3.00	
Cooling ⁴	Capacity	kW	13.50	
	Rated input	kW	3.75	
	EER		3.60	
Cooling ⁵	Capacity	kW	12.7	
	Rated input	kW	4.98	
	EER		2.55	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.72	
	LWT at 55 °C		3.47	
SEER ⁶	LWT at 7 °C		4.83	
	LWT at 18 °C		6.85	
Sound power level ⁷		dB(A)	65	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	112/125	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume	kg	R32/1.84	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	
INDOOR UNIT			CUBE25016	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	42	
Dimensions (WxHxD) - gross weight		mm - kg	700x1740x770 - 210	
Water circuit	Piping connections	inch	1"	
	Safety valve	MPa	0.3	
	Drainage pipe Dia.	mm	ø 25	
	Expansion tank	Volume	L	
	Water side heat exchanger	Type	Piastre	
	Prevalenza pompa di circolazione		m	
	DHW expansion tank	Volume	L	
ErP Regulation	DHW profile		XL	
	Energy efficiency class	°C	A	
Backup electric heater	Capacity	kW	2.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



OUTDOOR UNIT SPLIT			SHPAO16RP24P3	
Power supply		V/Ph/Hz	380-415/3/50	
Heating ²	Capacity	kW	16.0	
	Rated input	kW	3.56	
	COP		4.50	
Heating ³	Capacity	kW	16.0	
	Rated input	kW	5.52	
	COP		2.90	
Cooling ⁴	Capacity	kW	14.90	
	Rated input	kW	4.38	
	EER		3.40	
Cooling ⁵	Capacity	kW	14.0	
	Rated input	kW	5.71	
	EER		2.45	
Seasonal space heating energy class ⁵	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP ⁶	LWT at 35 °C		4.62	
	LWT at 55 °C		3.41	
SEER ⁶	LWT at 7 °C		4.67	
	LWT at 18 °C		6.71	
Sound power level ⁷		dB(A)	68	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	112/125	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height	OUTDOOR UNIT (upside downside)	m	20/20
Refrigerant	Type / Charged volume		kg	R32/1.84
Expansion valve				Electronic
Operating temperature range	Cooling		°C	-5 to 43
	Heating		°C	-25 to 35
	DHW		°C	-25 to 43
INDOOR UNIT			CUBE25016	
Power supply		V/Ph/Hz	220-240/1/50	
Sound power level ⁷		dB(A)	42	
Dimensions (WxHxD) - gross weight		mm - kg	700x1740x770 - 210	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Piastre
	Prevalenza pompa di circolazione		m	8.0
	DHW expansion tank	Volume	L	16
ErP Regulation	DHW profile			XL
	Energy efficiency class		°C	A
Backup electric heater	Capacity		kW	2.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;

A⁺

Energy Class



Wi-Fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



DHWHP100

DHWHP100			
Power supply		V/Ph/Hz	220-240/1/50
Heating ¹	Capacity	kW	0.85
	Rated input	kW	0.25
	COP		2,62
Energy efficiency class ²			A+
Tapping profile ²			M
Yearly consumption ²		kW	430
DHW maximum temperature ²		h	6,2
Rated current ²		A	1.16
DHW maximum temperature ³		°C	70
Sound power level		dB(A)	48,5
Net dimensions (ØxH)		mm	Ø520x1368
Packed dimensions (WxHxD)		mm	580x1412x580
Net weight		kg	58
Tank capacity		l	110
Tank material			Steel
Maximum operating water pressure		MPa	1.0
Compressor	Type		Rotary
	Type		R134a
	Charge	kg	0.65
	GWP		1430
Expansion valve			Electronic
Fan			Centrifugal
Air flow		m³/h	300
Temperature range (operating only in heat pumps)		°C	-5 to 43
LWT range		°C	40 to 60
Back-up electric heater		kW	1.5
Auxiliary exchanger area		m²	-

1. Room temperature 7°C DB, 6°C WB, water temperature from 10°C to 55°C;
2. Energy efficiency in Heating on standard ERP in average conditions;
3. Maximum water outlet temperature using the back-up electric heater;



Energy Class



Wi-Fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



DHWHP200

Power supply		V/Ph/Hz	220-240/1/50
Heating ¹	Capacity	kW	1,65
	Rated input	kW	455
	COP		2.61
Energy efficiency class ²			A
Tapping profile ²			L
Yearly consumption ²		kW	901
DHW maximum temperature ²		h	6,3
Rated current ²		A	2,05
DHW maximum temperature ³		°C	70
Sound power level		dB(A)	58
Net dimensions (ØxH)		mm	Ø560x1744
Packed dimensions (WxHxD)		mm	580x1875x630
Net weight		kg	90
Tank capacity		l	200
Tank material			Steel Duplex
Maximum operating water pressure		MPa	1.0
Compressor	Type		Rotary
Refrigerant	Type		R134a
	Charge	kg	1.00
	G<WP		1430
Expansion valve			Electronic
Fan			Centrifugal
Air flow		m³/h	450
Temperature range (operating only in heat pumps)		°C	-5 to 43
LWT range		°C	40 to 60
Back-up electric heater		kW	1.5
Auxiliary exchanger area		m²	-

1. Room temperature 7°C DB, 6°C WB, water temperature from 10°C to 55°C;
2. Energy efficiency in Heating on standard ERP in average conditions;
3. Maximum water outlet temperature using the back-up electric heater;

A

Energy Class



Wi-Fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



DHWHP200S

Power supply		V/Ph/Hz	220-240/1/50
Heating ¹	Capacity	kW	1,65
	Rated input	kW	455
	COP		2.61
Energy efficiency class ²			A
Tapping profile ²			L
Yearly consumption ²		kW	901
DHW maximum temperature ²		h	6.3
Rated current ²		A	2.05
DHW maximum temperature ³		°C	70
Sound power level		dB(A)	58
Net dimensions (ØxH)		mm	Ø560x1744
Packed dimensions (WxHxD)		mm	580x1875x630
Net weight		kg	90
Tank capacity		l	190
Tank material			Steel Duplex
Maximum operating water pressure		MPa	1.0
Compressor	Type		Rotary
	Type		R134a
	Charge	kg	1.00
	GWP		1430
Expansion valve			Electronic
Fan			Centrifugal
Air flow		m³/h	450
Temperature range (operating only in heat pumps)		°C	-5 to 43
LWT range		°C	40 to 60
Back-up electric heater		kW	1.5
Auxiliary exchanger area		m²	0.7
Auxiliary exchanger material			AISI 316

1. Room temperature 7°C DB, 6°C WB, water temperature from 10°C to 55°C;
2. Energy efficiency in Heating on standard ERP in average conditions;
3. Maximum water outlet temperature using the back-up electric heater;



Energy Class



Wi-Fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



DHWHP300

DHWHP300			
Power supply		V/Ph/Hz	220-240/1/50
Heating ¹	Capacity	kW	1,65
	Rated input	kW	450
	COP		2.65
Energy efficiency class ²			A
Tapping profile ²			XL
Yearly consumption ²		kW	1514
DHW maximum temperature ²		h	9.5
Rated current ²		A	2.01
DHW maximum temperature ³		°C	70
Sound power level		dB(A)	58
Net dimensions (ØxH)		mm	Ø600x2040
Packed dimensions (WxDxH)		mm	650x650x2160
Net weight		kg	100
Tank capacity		l	300
Tank material			Steel Duplex
Maximum operating water pressure		MPa	1.0
Compressor	Type		Rotary
	Type		R134a
	Charge		1.00
Refrigerant	GWP		1430
Expansion valve			Electronic
Fan			Centrifugal
Air flow		m³/h	450
Temperature range (operating only in heat pumps)		°C	-5 to 43
LWT range		°C	40 to 60
Back-up electric heater		kW	1.5
Auxiliary exchanger area		m²	-

1. Room temperature 7°C DB, 6°C WB, water temperature from 10°C to 55°C;
2. Energy efficiency in Heating on standard ERP in average conditions;
3. Maximum water outlet temperature using the back-up electric heater;

A

Energy Class



Wi-Fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



DHWHP300S

Power supply		V/Ph/Hz	220-240/1/50
Heating ¹	Capacity	kW	1,65
	Rated input	kW	450
	COP		2,65
Energy efficiency class ²			A
Tapping profile ²			XL
Yearly consumption ²		kW	1514
DHW maximum temperature ²		h	9,5
Rated current ²		A	2,01
DHW maximum temperature ³		°C	70
Sound power level		dB(A)	58
Net dimensions (ØxH)		mm	Ø600x2040
Packed dimensions (WxDxH)		mm	650x650x2160
Net weight		kg	100
Tank capacity		l	290
Tank material			Steel Duplex
Maximum operating water pressure		MPa	1.0
Compressor	Type		Rotary
	Type		R134a
	Charge		1,00
Refrigerant	GWP		1430
Expansion valve			Electronic
Fan			Centrifugal
Air flow		m³/h	450
Temperature range (operating only in heat pumps)		°C	-5 to 43
LWT range		°C	40 to 60
Back-up electric heater		kW	1.5
Auxiliary exchanger area		m²	0.7
Auxiliary exchanger material			AISI 316

1. Room temperature 7°C DB, 6°C WB, water temperature from 10°C to 55°C;
2. Energy efficiency in Heating on standard ERP in average conditions;
3. Maximum water outlet temperature using the back-up electric heater;



CE Mark



BH30A		
Power supply	V/Ph/Hz	220-240/1/50
Capacity	kW	3.0
Rated current	A	13
Dimensions (HxDxW)	mm	780x220x280
Packed dimensions (HxDxW)	mm	890x325x385
Net/gross weight	kg	18.5/24
Operation range	°C	5 a 35
In/Out water piping diameter	inch	G1



CE Mark



MWWX250			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	2.7/2.59/2.39
	Rated input (H/M/L)	W	13/11/10
Heating ²	Capacity (H/M/L)	kW	2.94/2.8/2.58
	Rated input (H/M/L)	W	11/11/9
Air flow (H/M/L)		m³/h	492/454/400
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	32/30/27
Net dimensions (WxHxD)		mm	915x290x230
Net weight		kg	12.7
In/Out water pipe connection		inch	G3/4

MWWX400			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	3.81/3.3/2.88
	Rated input (H/M/L)	W	34/22/15
Heating ²	Capacity (H/M/L)	kW	4.3/3.65/3.09
	Rated input (H/M/L)	W	31/20/14
Air flow (H/M/L)		m³/h	825/689/590
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	45/39/35
Net dimensions (WxHxD)		mm	915x290x230
Net weight		kg	12.7
In/Out water pipe connection		inch	G3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark



MWWX550			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	4.47/3.98/3.48
	Rated input (H/M/L)	W	26/18/13
Heating ²	Capacity (H/M/L)	kW	4.84/4.23/3.62
	Rated input (H/M/L)	W	22/16/12
Air flow (H/M/L)		m³/h	862/741/634
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	38/34/30
Net dimensions (WxHxD)		mm	1072x315x230
Net weight		kg	15.1
In/Out water pipe connection		inch	G3/4

MWWX600			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	4.87/4.26/3.79
	Rated input (H/M/L)	W	38/26/18
Heating ²	Capacity (H/M/L)	kW	5.26/4.68/3.96
	Rated input (H/M/L)	W	33/23/16
Air flow (H/M/L)		m³/h	979/849/717
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	44/40/35
Net dimensions (WxHxD)		mm	1072x315x230
Net weight		kg	14.9
In/Out water pipe connection		inch	G3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark



MFWX250			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	2.35/1.94/1.19
	Rated input (H/M/L)	W	17/12/7
Heating ²	Capacity (H/M/L)	kW	2.60/2.11/1.34
	Rated input (H/M/L)	W	17/12/7
Air flow (H/M/L)		m³/h	235/185/112
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	43/37/29
Net dimensions (HxDxW)		mm	495x200x1020
Net weight		kg	21.5
In/Out water pipe connection		inch	G3/4

MFWX350			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	3.50/2.89/2.22
	Rated input (H/M/L)	W	26/17/10
Heating ²	Capacity (H/M/L)	kW	3.80/3.10/2.35
	Rated input (H/M/L)	W	26/17/10
Air flow (H/M/L)		m³/h	350/276/200
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	52/44/36
Net dimensions (HxDxW)		mm	495x200x1240
Net weight		kg	25.5
In/Out water pipe connection		inch	G3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark

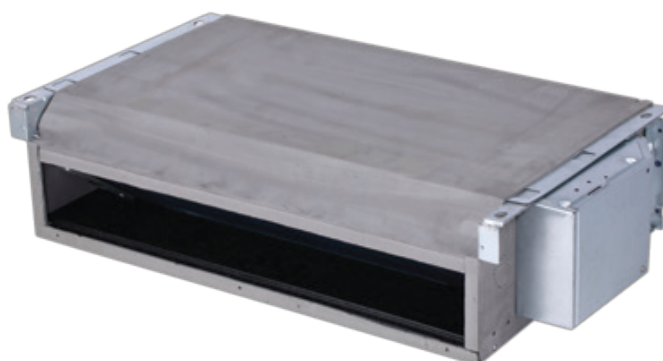


MFWX500			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	4.30/3.48/2.71
	Rated input (H/M/L)	W	50/25/14
Heating ²	Capacity (H/M/L)	kW	4.70/3.70/2.81
	Rated input (H/M/L)	W	50/25/14
Air flow (H/M/L)		m³/h	790/580/410
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	59/51/43
Net dimensions (HxDxW)		mm	495×200×1240
Net weight		kg	25.5
In/Out water pipe connection		inch	G3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark



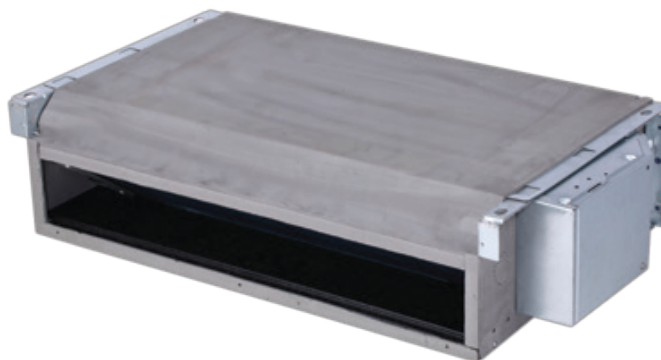
			MFWX250I
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	2.35/1.94/1.19
	Rated input (H/M/L)	W	17/12/17
Heating ²	Capacity (H/M/L)	kW	2.60/2.11/1.34
	Rated input (H/M/L)	W	17/12/17
Air flow (H/M/L)		m³/h	400/315/190
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	43/37/29
Net dimensions (DxHxW)		mm	455x200x867
Net weight		kg	13.9
In/Out water pipe connection		inch	G3/4

			MFWX350I
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	3.50/2.89/2.22
	Rated input (H/M/L)	W	26/17/10
Heating ²	Capacity (H/M/L)	kW	3.80/3.10/2.35
	Rated input (H/M/L)	W	26/17/10
Air flow (H/M/L)		m³/h	595/470/340
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	52/44/36
Net dimensions (DxHxW)		mm	455x200x1087
Net weight		kg	17.3
In/Out water pipe connection		inch	G3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark



MFWX500I			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	4.30/3.48/2.71
	Rated input (H/M/L)	W	50/25/14
Heating ²	Capacity (H/M/L)	kW	4.70/3.70/2.81
	Rated input (H/M/L)	W	50/25/14
Air flow (H/M/L)		m³/h	790/580/410
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	59/51/43
Net dimensions (DxHxW)		mm	455x200x1087
Net weight		kg	17.3
In/Out water pipe connection		inch	G3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;

2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark



MNWX200			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	2.35/1.72/1.32
	Rated input (H/M/L)	W	17/9/7
Heating ²	Capacity (H/M/L)	kW	2.68/1.99/1.42
	Rated input (H/M/L)	W	18/9/7
Air flow (H/M/L)		m³/h	411/273/171
Motor fan type			DC Motor
Fan type			Centrifugal
Standard external static pressure		Pa	12/30/50
Sound pressure level (H/M/L)		dB(A)	38.1/28.4/23.4
Net dimensions (WxHxD)		mm	741x241x522
Net weight		kg	16.7
In/Out water pipe connection		inch	RC3/4

MNWX300			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	3.12/2.72/2.1
	Rated input (H/M/L)	W	23/15/10
Heating ²	Capacity (H/M/L)	kW	3.82/3.08/2.28
	Rated input (H/M/L)	W	23/15/10
Air flow (H/M/L)		m³/h	531/442/311
Motor fan type			DC Motor
Fan type			Centrifugal
Standard external static pressure		Pa	12/30/50
Sound pressure level (H/M/L)		dB(A)	36.4/29.5/20.7
Net dimensions (WxHxD)		mm	841x241x522
Net weight		kg	19
In/Out water pipe connection		inch	RC3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark



MNWX400			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	3.99/3.26/2.5
	Rated input (H/M/L)	W	26/15/9
Heating ²	Capacity (H/M/L)	kW	4.7/3.85/2.77
	Rated input (H/M/L)	W	26/16/9
Air flow (H/M/L)		m³/h	734/564/389
Motor fan type			DC Motor
Fan type			Centrifugal
Standard external static pressure		Pa	12/30/50
Sound pressure level (H/M/L)		dB(A)	38.4/32.2/24.0
Net dimensions (WxHxD)		mm	941x241x522
Net weight		kg	21
In/Out water pipe connection		inch	RC3/4

MNWX600			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	5.85/4.82/3.78
	Rated input (H/M/L)	W	49/24/12
Heating ²	Capacity (H/M/L)	kW	6.62/5.38/4.0
	Rated input (H/M/L)	W	53/26/12
Air flow (H/M/L)		m³/h	1022/760/544
Motor fan type			DC Motor
Fan type			Centrifugal
Standard external static pressure		Pa	12/30/50
Sound pressure level (H/M/L)		dB(A)	46.1/39.0/30.3
Net dimensions (WxHxD)		mm	1161x241x522
Net weight		kg	23.7
In/Out water pipe connection		inch	RC3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark



MXWX300			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	2.98/2.53/2
	Rated input (H/M/L)	W	15/9/5
Heating ²	Capacity (H/M/L)	kW	2.61/2.31/2.24
	Rated input (H/M/L)	W	15/9/5
Air flow (H/M/L)		m³/h	535/429/322
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	39/33/27
Net dimensions (WxHxD)		mm	575x261x575
Dimensions nette pannello (WxDxH)		mm	647x50x647
Net weight		kg	16.5
In/Out water pipe connection		inch	G3/4

MXWX500			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	4.2/3.48/3.01
	Rated input (H/M/L)	W	43/28/21
Heating ²	Capacity (H/M/L)	kW	4.95/3.99/3.26
	Rated input (H/M/L)	W	33/18/11
Air flow (H/M/L)		m³/h	781/611/494
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	43/38/32
Net dimensions (WxHxD)		mm	575x261x575
Dimensions nette pannello (WxDxH)		mm	647x50x647
Net weight		kg	16.5
In/Out water pipe connection		inch	G3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark



MXWX600			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	5.93/5.3/4.4
	Rated input (H/M/L)	W	41/27/17
Heating ²	Capacity (H/M/L)	kW	6.06/5.72/5.32
	Rated input (H/M/L)	W	42/28/17
Air flow (H/M/L)		m³/h	1175/987/768
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	43/39/33
Net dimensions (WxHxD)		mm	840x230x840
Dimensions nette pannello (WxDxH)		mm	950x45x950
Net weight		kg	23
In/Out water pipe connection		inch	RC3/4

MXWX850			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	7.52/6.46/5.89
	Rated input (H/M/L)	W	68/37/30
Heating ²	Capacity (H/M/L)	kW	7.88/7.48/6.76
	Rated input (H/M/L)	W	66/37/28
Air flow (H/M/L)		m³/h	1451/1146/1012
Motor fan type			DC Motor
Fan type			Centrifugal
Sound pressure level (H/M/L)		dB(A)	45/40/37
Net dimensions (WxHxD)		mm	840x300x840
Dimensions nette pannello (WxDxH)		mm	950x45x950
Net weight		kg	27
In/Out water pipe connection		inch	RC3/4

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature da 40°C a 45°C;



CE Mark



MWWX400Z			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	1.20/0.81/0.70
	Rated input (H/M/L)	W	11/6/4
Heating ²	Capacity (H/M/L)	kW	1.68/1.14/0.96
	Rated input (H/M/L)	W	11/6/4
Air flow (H/M/L)		m³/h	315/230/155
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	37.1/28.0/23.0
Net dimensions (WxHxD)		mm	873x383x120
Net weight		kg	16
In/Out water pipe connection		inch	G1/2

MWWX600Z			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	1,70/1,20/0,90
	Rated input (H/M/L)	W	14/7/5
Heating ²	Capacity (H/M/L)	kW	2.45/1.90/1.53
	Rated input (H/M/L)	W	14/7/5
Air flow (H/M/L)		m³/h	450/350/240
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	38.3/29.8/23.4
Net dimensions (WxHxD)		mm	1065x383x120
Net weight		kg	17
In/Out water pipe connection		inch	G1/2

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature ingresso 50°C;



CE Mark



MWWX800Z			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	2.45/1.60/1.18
	Rated input (H/M/L)	W	17/10/8
Heating ²	Capacity (H/M/L)	kW	3.30/2.20/1.70
	Rated input (H/M/L)	W	17/10/8
Air flow (H/M/L)		m³/h	540/450/310
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	39.1/32.2/25.0
Net dimensions (WxHxD)		mm	1257x383x120
Net weight		kg	20
In/Out water pipe connection		inch	G1/2

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;

2. Room temperature 20°C DB, water temperature ingresso 50°C;



CE Mark



MFWX400Z			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	1.81/1.45/0.98
	Rated input (H/M/L)	W	13/6/4
Heating ²	Capacity (H/M/L)	kW	2.40/1.50/1.16
	Rated input (H/M/L)	W	13/6/4
Air flow (H/M/L)		m³/h	315/230/155
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	34.3/27.6/20.5
Net dimensions (WxHxD)		mm	873x553x120
Net weight		kg	21
In/Out water pipe connection		inch	G1/2

MFWX600Z			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	2.70/2.20/1.70
	Rated input (H/M/L)	W	14/7/5
Heating ²	Capacity (H/M/L)	kW	3.20/2.40/1.75
	Rated input (H/M/L)	W	14/7/5
Air flow (H/M/L)		m³/h	450/350/240
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	35.2/28.5/21.6
Net dimensions (WxHxD)		mm	1065x553x120
Net weight		kg	24
In/Out water pipe connection		inch	G1/2

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature ingresso 50°C;



CE Mark



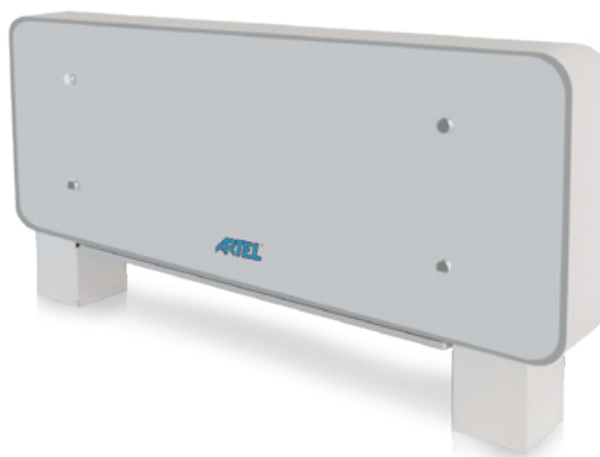
MFWX800Z			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	3.38/2.75/2.13
	Rated input (H/M/L)	W	17/10/8
Heating ²	Capacity (H/M/L)	kW	4.23/3.40/2.41
	Rated input (H/M/L)	W	17/10/8
Air flow (H/M/L)		m³/h	540/450/310
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	35.4/29.6/23.5
Net dimensions (WxHxD)		mm	1257x553x120
Net weight		kg	27
In/Out water pipe connection		inch	G1/2

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;

2. Room temperature 20°C DB, water temperature ingresso 50°C;



CE Mark



			MFWX400SZ
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	1.20/0.81/0.70
	Rated input (H/M/L)	W	11/6/4
Heating ²	Capacity (H/M/L)	kW	1.68/1.14/0.96
	Rated input (H/M/L)	W	11/6/4
Air flow (H/M/L)		m³/h	315/230/155
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	37.1/28.0/23.0
Net dimensions (WxHxD)		mm	879x383x120
Net weight		kg	16
In/Out water pipe connection		inch	G1/2

			MFWX600SZ
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	1.70/1.20/0.90
	Rated input (H/M/L)	W	14/7/5
Heating ²	Capacity (H/M/L)	kW	2.45/1.90/1.53
	Rated input (H/M/L)	W	14/7/5
Air flow (H/M/L)		m³/h	450/350/240
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	38.3/29.8/23.4
Net dimensions (WxHxD)		mm	1065x383x120
Net weight		kg	17
In/Out water pipe connection		inch	G1/2

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;
2. Room temperature 20°C DB, water temperature ingresso 50°C;



CE Mark



MFWX800SZ			
Power supply		V/Ph/Hz	220-240/1/50
Cooling ¹	Capacity (H/M/L)	kW	2.45/1.60/1.18
	Rated input (H/M/L)	W	17/10/8
Heating ²	Capacity (H/M/L)	kW	3.30/2.20/1.70
	Rated input (H/M/L)	W	17/10/8
Air flow (H/M/L)		m³/h	540/450/310
Motor fan type			DC Motor
Fan type			Tangential
Sound pressure level (H/M/L)		dB(A)	39.1/32.2/25.0
Net dimensions (WxHxD)		mm	1257x383x120
Net weight		kg	20
In/Out water pipe connection		inch	G1/2

1. Room temperature 27°C DB, 19°C WB, water temperature from 7°C to 12°C;

2. Room temperature 20°C DB, water temperature ingresso 50°C;

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



ARTEL[®]
CLIMA & ENERGIA

www.artelgroup.com

AMG S.p.a. Via delle Arti e dei Mestieri, 1/3 - 36030 San Vito di Leguzzano (VI) - Italy
Tel. +39 0445 519933 - Fax +39 0445 519034 - P.I. e C.F. 02488430246 - info@artelgroup.com - www.artelgroup.com