MITSUI heat pumps

MONOBLOC LINE

Single Fan 7 kW

A+++

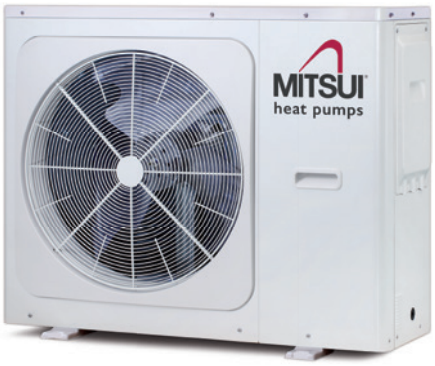
Inverter

R32

Refrigerant Gas

Wi-Fi Included

Wired Controller Included



			MHP7RP24MI
Power supply		V/Ph/Hz	220-240/1/50
Heating[2]	Capacity	kW	8.40
	Rated input	kW	1.66
	COP		5.05
Heating[3]	Capacity	kW	8.20
	Rated input	kW	2.60
	COP		3.15
Cooling[4]	Capacity	kW	8.30
	Rated input	kW	1.71
	EER		4.85
Cooling[5]	Capacity	kW	7.40
	Rated input	kW	2.34
	EER		3.15
Seasonal space heating energy efficiency class[6]	LWT at 35 °C		A+++
	LWT at 55 °C		A++
SCOP[6]	LWT at 35 °C		5.17
	LWT at 55 °C		3.67
SEER[6]	LWT at 7 °C		5.19
	LWT at 18 °C		8.09
Sound power level[7]		dB(A)	63
Outdoor fan	Air flow	m^3/h	4500
Net dimensions (WxHxD)		mm	1040x865×410
Packed dimensions (WxHxD)		mm	1190x970×560
Net/gross weight		kg	87/103
Water piping connections		inch	G1"BSP
Safety valve set pressure		MPa	0.3
Total water volume		L	5
Operating temperature range	Cooling	°C	-5~43
	Heating	°C	-25~35
	DHW	°C	-25~43
LWT range	Cooling	°C	5~30
	Heating	°C	12~65
	DHW	°C	10~60
Refrigerant	Type		R32 (675)
	Charged volume	kg	1.25
Expansion valve			Electronic
Backup electric heater	Optional	kW	3.00

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.