

A+++



Inverter



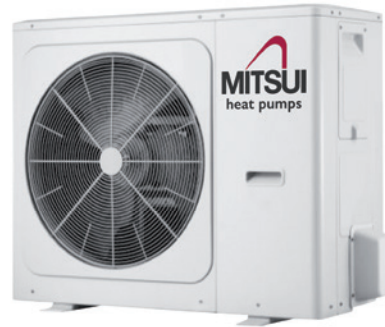
Refrigerant Gas



Wi-Fi
Included



Wired Controller
Included



OUTDOOR UNIT			SHPA016RP24MI
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	14.20
	Rated input	kW	3.94
	EER		3.61
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 length (min - max)		m 2 a 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 a 43
	Heating	°C	-25 a 35
	DHW	°C	-25 a 43
INDOOR UNIT			SHPAI160RP24MI
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;