



Technical data/Scope of supply

Accessories for heat pump type		HSV 9M1/3	HSV 12M3
Air/water 8 kW performance-controlled Air/water 12 kW performance-controlled	• yes — no	• —	• •
Air/water dual performance-controlled	• yes — no	—	—
Installation site			
Room temperature	min. max.	°C	5 35
Relative humidity		%	60
Sound			
Sound power level	Inside	dB(A)	43
Heating circuit			
Volume flow rate: minimum nominal analogue A7W35 (partial load operation) maximum		l/h	600 — 1200
Free pressing Pressure loss Volume flow rate		bar bar l/h	0,63 — 1200
max. allowable operating pressure		bar	3
General unit data			
Total weight		kg	150
Tank weight Hydraulic unit weight		kg kg	— —
Domestic hot water tank			
Net volume		l	180
Protective anode	Impressed current Magnesium None • Yes — No		— • —
Domestic hot water temperature, heating pump mode Electric heating element	up to °C up to °C		60 65
Mixed water quantity per ErP: 2009/125/EC (at 40°C, draw-off of 10 l/min)		l	—
Standing loss per ErP: 2009/125/EC (at 65°C)		W	—
Max. pressure Operating pressure		bar bar	10 6
Electrics			
Voltage code all-pole heat pump fuse protection *)**)	... A	1~N/PE/230V/50Hz B16	3~N/PE/400V/50Hz B16
Voltage code all-pole heat pump fuse protection *)**)	... A	—	1~N/PE/230V/50Hz B16
Voltage code Control voltage fuse protection **)	... A	1~N/PE/230V/50Hz B10	1~N/PE/230V/50Hz B10
Voltage code Electric heating element fuse protection **)	... A	3~N/PE/400V/50Hz B10	3~N/PE/400V/50Hz B16
Voltage code Electric heating element fuse protection **)	... A	1~N/PE/230V/50Hz B32	—
Degree of protection		IP	20
Electric heating element output	3 2 1 phase	kW kW kW	6 4 2
Circulation pump power consumption, heating circuit	min. — max.	W	4 – 75
Other unit information			
Heating circuit safety valve	included in scope of supply: • yes — no		•
Heating circuit expansion vessel	included in scope of supply: • yes — no		•
Overflow valve Changeover valve, heating -Domestic hot water	integrated: • yes — no		• •
Heating circuit vibration decouplers	integrated: • yes — no		—
Controller	integrated: • yes — no		•
Heat quantity recording	integrated: • yes — no		•
*) Only compressor, **) Observe local regulations,		813320	813321