

6-16 kW

FEATURES

- Possibility of control via internet with Comfort Home application
- High efficiency
- Circulatory pump with self-regulation of speed
- Integrated expansion vessel and safety valve
- Silent mode
- The outlet water temperature from 25 °C to 60 °C
- Built-in electric cartridge with 3 or 9 kW capacity

SMHM-60B/3
 SMHM-80B/3
 SMHM-100B/3
 SMHM-120B/3
 SMHM-120B-3/9
 SMHM-140B/3
 SMHM-140B-3/9
 SMHM-160B/3
 SMHM-160B-3/9



Model SMHM-			60B/3	80B/3	100B/3	120B/3 / 120B-3/9	140B/3 / 140B-3/9	160B/3 / 160B-3/9
Capacity	Heating	kW	6,35	8,4	10	12,1	14,5	15,9
	Cooling	kW	6,5	8,3	9,9	12	13,5	14,2
Power input	Heating	kW	1,28	1,63	2,02	2,44	3,15	3,53
	Cooling	kW	1,35	1,64	2,18	3,04	3,74	3,94
COP	Heating	-	4,95	5,15	4,95	4,95	4,6	4,5
EER	Cooling	-	4,8	5,05	4,55	3,95	3,61	3,61
Energy class	Heating (55 °C / 35 °C)	-	A++ / A+++					
SCOP	Heating (55 °C / 35 °C)	-	3,52 / 4,95	3,37 / 5,22	3,47 / 5,2	3,45 / 4,81	3,47 / 4,72	3,41 / 4,62
Power supply		V/Ph/Hz	220-240 / 1 / 50			220-240/1/50 / 380-415/3/50		
Max. power input		kW	2,58	3	3,43	4,78	5,37	6,25
Max. current		A	18	19		30		
Refrigerant	Type	-	R32					
	Charge	kg	1,4			1,75		
Water pipes	Inlet	mm	5/4"					
	Outlet	mm	5/4"					
Water temperatures range	Heating	°C	25 - 65					
	Cooling	°C	5 - 25					
Main components	Water pump	Max. water flow	4,5					
		Power input	95					
	Water flow switch	Minimum flow	0,4			0,7		
	Expansion tank	Volume	8					
		Maximum pressure	3					
		Precharged pressure	1					
	Electric heater	Mode	Automatic					
		Steps	1			1 / 3		
		Capacity	3			3 / 9		
		Combination	3			3 / 3/6/9		
Heat exchanger	Power supply	V/Ph/Hz			220-240/1/50 / 380-415/3/50			
	Type	Brazed plate						
Safety valve	Quantity	1						
	Pressure	3						
Sound pressure level LpA	1 m	dB	47	48	49	54		57
Unit dimensions	(w x h x d)	mm	1295 x 718 x 429			1385 x 865 x 526		
Package dimension	(w x h x d)	mm	1375 x 885 x 475			1465 x 1035 x 560		
Weight	Net/Gross	kg	86 / 107		105 / 132		144 / 172	
Operating temperature range	Cooling	°C	-5 - 43					
	Heating	°C	-25 - 35					
	Water heating	°C	-25 - 43					

CAPACITIES AND POWER INPUTS ARE BASED ON THE FOLLOWING CONDITIONS:

COOLING conditions: Indoor Water Temperature 23 °C / 18 °C. Outdoor Air Temperature 35 °C DB / 24 °C WB.

HEATING conditions: Indoor Water Temperature 30 °C / 35 °C. Outdoor Air Temperature 7 °C DB / 6 °C WB.

The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice. Refer to rating label. Contains fluorinated greenhouse gases covered by the Kyoto Protocol. R32 (100% HFC-32), GWP of refrigerant used: 675. Sound pressure level is tested in a soundless chamber, actual values may be affected by local conditions.