

Data Sheet Booster 120



Technical characteristics

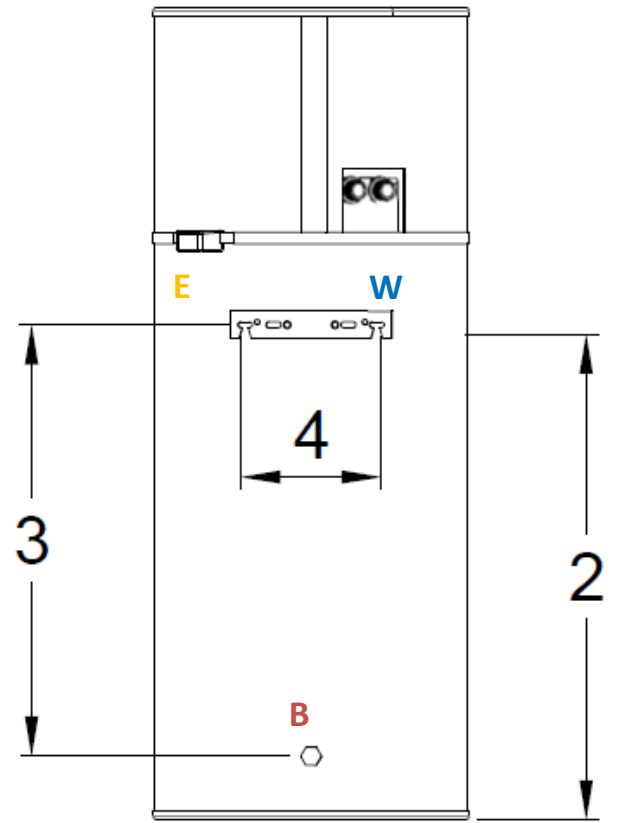
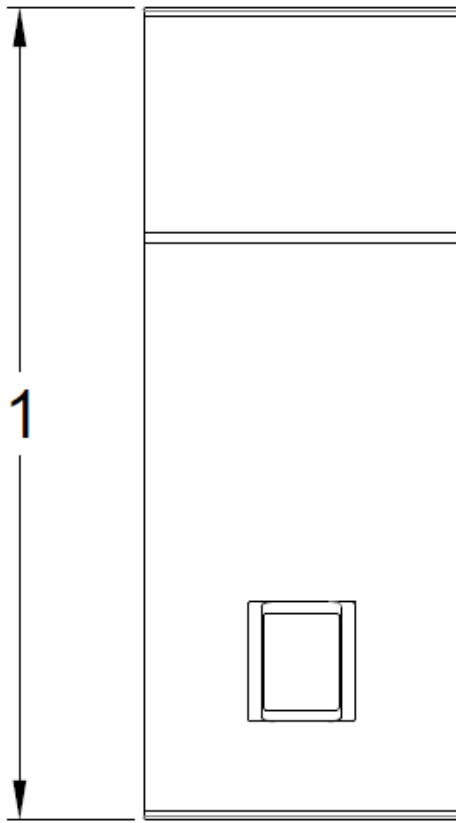
	Units	Booster 120
Type of equipment		Heat pump water/water for DHW
Cylinder volume	L	120
Empty weight (tank + heat pump)	kg	41
Tank material	-	Stainless steel
Insulation	-	High density polyurethane 50mm
Cylinder - Maximum admissible temperature	°C	80°
Cylinder - Maximum admissible pressure	bar	7
Thermal loss	kWh/24h	0,95
Protection index	-	IPX1
Power supply	-	230 V/50 Hz
Absorbed power HP (med / max)	W	400/700
Absorbed power Eelectrical heater	W	1500
Supplied thermal power (med / max)	W	1800 / 2750
Maximum current (HP + E heater)	A	3,2 + 6,5 (E. Heater)
Maximum temperature DHW (HP)	°C	60
Maximum temperature DHW (with E. Eater)	°C	75
Working conditions (heat source)	°C	10 / 60
Heat source water flow (min/ max)	l/h	100/ 450
Refrigeration fluid	-/kg	R134a/ 0,7
Heating up time ¹	h:min	2:04
V40 ¹	L	155
Load profile	-	M
COP ¹	-	5,12
Energy class ¹	-	A+++
Energy efficiency ¹	%	217
Annual electrical consumption ¹	kWh	236
Prated ¹	kW	2,62
Heating up time ²	h:min	1:56
V40 ²	L	159
COP ²	-	6,01
Energy class ²	-	A+++
Energy efficiency ²	%	306
Annual electrical consumption ²	kWh	168
Prated ²	kW	2,87
Interior sound power ³	dB	45

1) Heat source at 25° and DHW temperature from 10°C-53°C, according to EN16147 and regulation (EU) N°811/2013 (table 4)

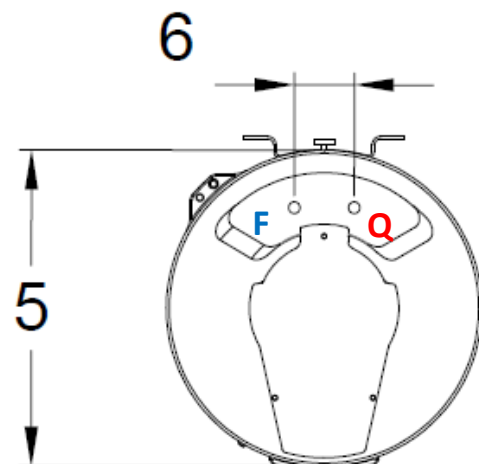
2) Heat source at 35° and DHW temperature from 10°C-53°C, according to EN16147 and regulation (EU) N°811/2013 (table 4)

3) According to EN 12102

Dimensions



	Dimensions	Obs.
1	1350 mm	
2	826 mm	
3	720 mm	
4	220 mm	
5	530 mm	
6	100 mm	
B	---	Support
E	---	Drain
Q	G ¾" M	Hot water outlet
F	G ¾" M	Water inlet
W	G ¾" M	Primary circuit Inlet/ outlet



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