

Data Sheet Booster 300



Technical characteristics

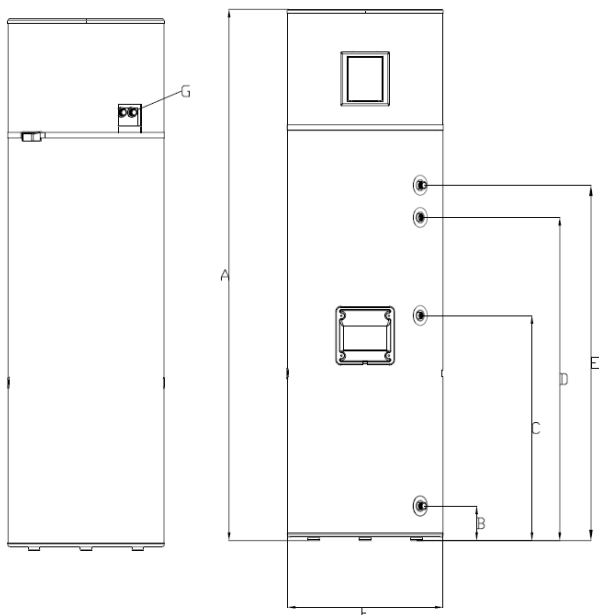
	Units	Booster 300
Type of equipment		Heat pump water/water for DHW
Cylinder volume	L	270
Empty weight (cylinder + heat pump)	kg	98
Tank material	-	Stainless steel
Insulation	-	High density polyurethane 50mm
Cylinder - Maximum admissible temperature	°C	80°
Cylinder - Maximum admissible pressure	bar	7
Thermal loss	kWh/24h	1,01
Protection index	-	IPX1
Power supply	-	230 V/50 Hz
Absorbed power HP (med / max)	W	400/700
Absorbed power Electrical heater	W	1500
Supplied thermal power (med / max)	W	1800 / 2750
Maximum current	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	R134/ 1,2
Load profile	-	XL
Heating up time ¹	h:min	4:38
V40 ¹	L	332
COP ¹	-	5,41
Energy class ¹	-	A+++
Energy efficiency ¹	%	226
Annual electrical consumption ¹	kWh	742
Prated ¹	kW	2,5
Heating up time ²	h:min	4:21
V40 ²	L	335
COP ²	-	6,35
Energy class ²	-	A+++
Energy efficiency ²	%	265
Annual electrical consumption ²	kWh	632
Prated ²	kW	2,68
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°812/2013

2) Heat source at 35° and DHW temperature from 10°C-53°C, according to EN16147 and regulation (EU) N°812/2013

3) According to EN 12102

Dimensions



Dimensions	Ø Pol.	300 I mm	Obs.
A	-	1968	-
B	G 3/4" M	131	Cold water
C	G 1/2" F	840	recirculation
D	G 1/2" F	1205	PT valve
E	G 3/4" M	1325	Hot water
F		Ø580	
G		3/4" M	

Adress: Zona industrial de Laúndos, Lote 48 4570-311 – Povoia de varzim PORTUGAL

Email: energie@energie.pt

Phone: +351 2525 600 230

Web: www.energie.pt