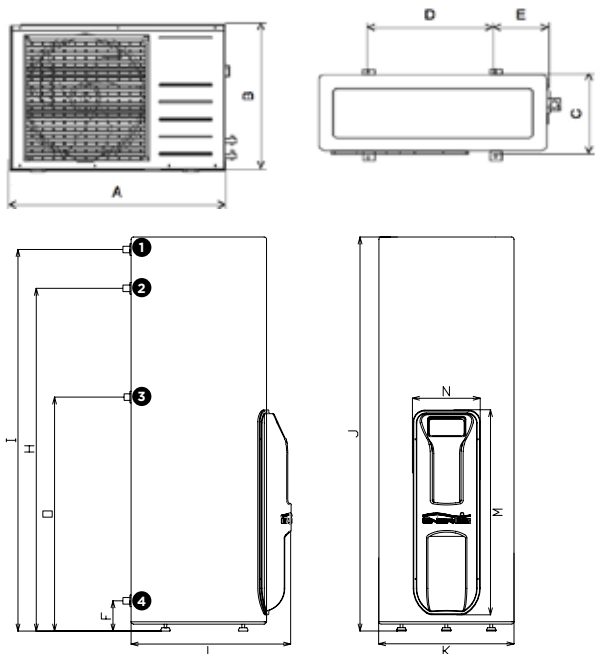


Split Heat Pump Domestic Hot Water

Technical drawing

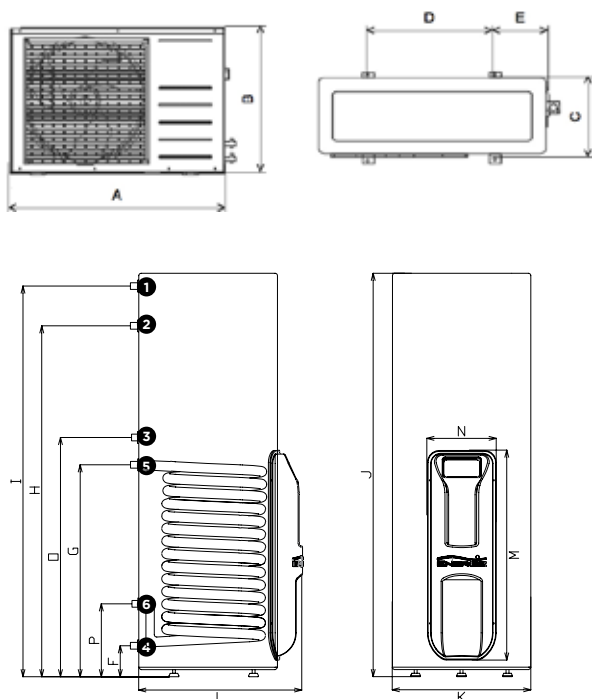


Dimensions	Outdoor Unit
A	776
B	530
C	241
D	548
E	114

Dimensions	250i	300i	500i
F	89	92	92
O	830	772	772
H	1333	1172	1760
I	1469	1315	1927
L	685	755	755
J	1543	1400	1995
K	580	650	650
M	879	879	879
N	290	290	290
	250i	300i	500i
1 (Hot water)	3/4" Male	1" Male	
2 (PT valve)	1/2" Female	1/2" Female	
3 (Recirculation)	3/4" Male	3/4" Male	
4 (Cold water)	3/4" Male	1" Male	

With flares valves on the split unit and on the cylinder.

Technical drawing



Dimensions	Outdoor Unit
A	776
B	530
C	241
D	548
E	114

Dimensions	250ix	300ix	500ix
F	89	92	92
P	203	221	625
G	696	621	1515
O	830	772	772
H	1333	1172	1760
I	1469	1315	1927
L	685	755	755
J	1543	1415	1995
K	580	650	650
M	879	879	879
N	290	290	290
	250ix	300ix	500ix
1 (Hot water)	3/4" Male	1" Male	
2 (PT valve)	1/2" Female	1/2" Female	
3 (Recirculation)	1/2" Female	1/2" Female	
4 (Cold water)	3/4" Male	1" Male	
5 (Coil Inlet)	1" Male	1" Male	
6 (Coil Outlet)	1" Male	1" Male	

With flares valves on the split unit and on the cylinder.

Split Heat Pump Domestic Hot Water

TECHNICAL DATA

CYLINDER		250 I/IX	300 I/IX	500 I/IX
Capacity	L	250	300	500
Dimensions (ø height)	M	0,58 1,530	0,65 1,390	0,65 1,990
Gross weight	Kg	62/69*	72/79*	110/121*
Material	-	Stainless Steel AISI444		
Outside coating	-	Metallic slate		
Insulation	-	High density polyurethane (55mm)		
Corrosion protection	-	Magnesium Anode 1"1/4		
Maximum water temperature	°C	80		
Maximum operation pressure	Bar	7		
Thermal loss	kWh/24h	1,01	1,17	1,81
Coil* (ø length)	M	0,025 10	0,025 10	0,025 24
Coil thermal power*	kW	20**		54**
Protection Index	-	IPX1		
Auxiliary coil power	W	1500		2200
Refrigerating connections	pol.	1/4" 3/8"		
Hydraulic Connections (Inlet outlet recirculation PT valve coil *)	pol.	3/4M 3/4M 3/4M	1/2F 1M	1M 1M 3/4M 1/2F 1M

*Models IX

**Primary circuit (Te = 90°C; Ts = 80°C); DHW circuit (Te = 10°C; Ts = 60°C)

OUTSIDE UNIT

Weight	kg	33		
Refrigerating connections	pol.	1/4" 3/8"		
Sound level	dB	59		
Power supply	V / Hz	230 Mono / 50		
Protection Index	-	IPX1		
Absorbed electrical power (BC) (med / max)	W	600 / 1000		
Thermal power supplied (BC) (med / max)	W	1920 / 3200		
Maximum distance between refrigeration connections	m	20 (hight max. 10)		
Outdoor operating temperature range	°C	-14 / 43		
Refrigerating fluid	type/g	R134a / 1600		
Air flow	m3/h	1300		

PERFORMANCE

Tapping profile	-	XL	XL	XXL
COP	-	3,35	3,44	3,26
Amount of water removed at 40°C	L	323	362	572
ErP Class	-	A+	A+	A+
Energetic efficiency	%	139,3	143,2	134,4
Annual electricity consumption	kWh/year	1202,6	1170	1603,2

*A14 / W54 according to EN16147 and Delegated Regulation (EU) N°812 / 2013