

Inercia VS PRO Basic



Use:



Heating



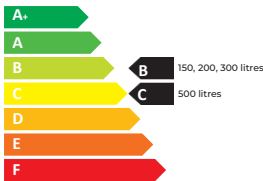
DHW



Solar



Heat pump



Advantages:

- Buffer tank with on-demand heating of DHW.
- Can be used with both boilers and heat pumps.
- DN25 coil made with 316L stainless steel corrugated tube.
- Installation of a **magnesium anode is not required**.
- Can be installed both inside and outside the home.
- **The risk of Legionella is significantly reduced.**
- **50mm insulation** with injected rigid polyurethane.
- **5-year warranty**, subject to the manufacturer’s terms and conditions.

Models:

- Vertical 150, 200, 300 and 500 L.

Accessories:

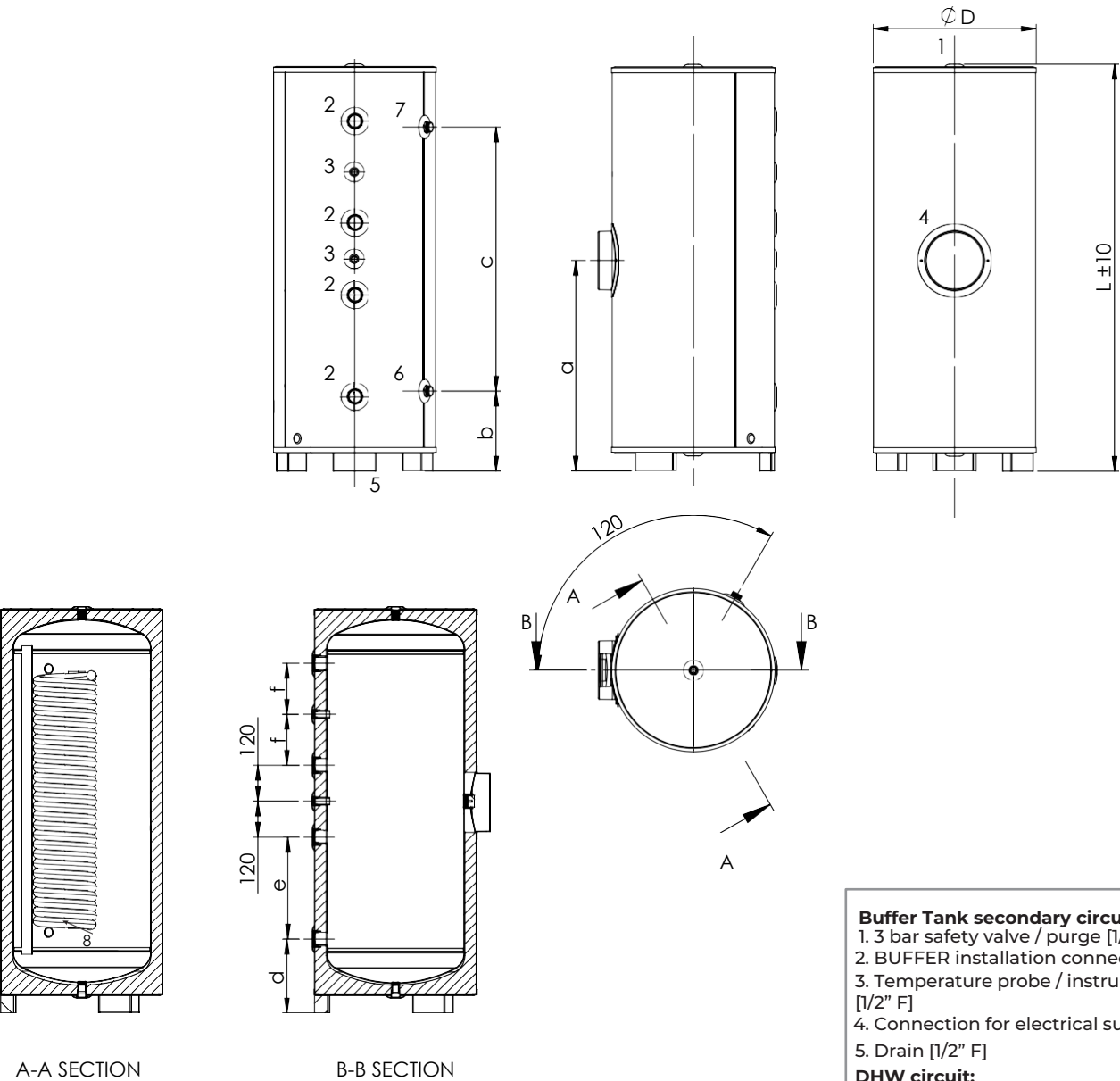
- 2042628: 1 1/4" 1500 W copper heating element + Thermostat (150 L-200 L)
- 2042633: 1 1/4" 3000 W copper heating element + Thermostat (300 L-500 L)
- Replacement heating element cover

Technical characteristics:

Model	VS 150 BASIC PRO	VS 200 BASIC PRO	VS 300 BASIC PRO	VS 500 BASIC PRO
Code	2012344	2012327	2012328	2012321
Capacity [l]	143	190	272	470
Maximum tank pressure	3 bar			
Exchanger consumption surface [m²]	2.70	2.70	3.24	4.50
Consumption volume [l]	9.00	9.00	10.80	15.00
Consumption max. pressure	8 bar			
Outer finish	White lacquered galvanised steel			
Insulation	Injected rigid polyurethane. Density: 42kg/m³			
Insulation thickness [mm]	40			50
Diameter [mm]	540			700
Height [mm]	1078	1358	1861	1953
Weight when empty [kg]	35	45	57	85
Boiler material	Descaled ST37-2 carbon steel			
DHW production power [kW]	29.3	29.3	44	73.3
Flow rate [l/min]*	12	12	18	30
Pressure drop [mca]	0.6	0.6	1.5	3.5

* Tank temp. = 60°C, CW temp. = 10°C / DHW temp. = 45°C at recommended flow rates.

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- Buffer Tank secondary circuit:**
- 1. 3 bar safety valve / purge [1/2" F]
 - 2. BUFFER installation connection [1"1/4 F]
 - 3. Temperature probe / instrumentation [1/2" F]
 - 4. Connection for electrical support [1"1/4 F]
 - 5. Drain [1/2" F]
- DHW circuit:**
- 6. Cold inlet / safety valve 8 bar
 - 7. DHW outlet [1" M]
 - 8. Instant DHW production coil

Dimensions [mm]	VS 150 BASIC PRO	VS 200 BASIC PRO	VS 300 BASIC PRO	VS 500 BASIC PRO
a	561	707	960	992
b	242	267	500	292
c	600	880	1150	1400
d	241	241	241	292
e	190	330	580	580
f	95	165	292	290
L (height)	1078	1358	1861	1953
D (diameter)	540	540	540	700