

VS PRO Comfort



Use:



Heating



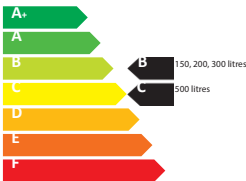
DHW



Heat pump



Boiler



Advantages:

- Buffer tank with **on-demand heating of DHW**, especially designed for heat pumps.
- Boiler made from **duplex 2101 stainless steel**.
- Large-surface coil made with a 316L stainless steel corrugated tube.
- **Magnesium anode** installation is not necessary.
- **The risk of Legionella is significantly reduced.**
- Manufactured using **inerting and passivation** processes, helping to preserve the properties of the stainless steel and reducing the risk of surface oxidation.
- Can be installed both **inside and outside the home**.
- Optional **1500 W/3000 W titanium** heating element.
- **5-year warranty**, subject to the manufacturer's terms and conditions.

Models:

- Vertical 150 L to 500 L.

Accessories:

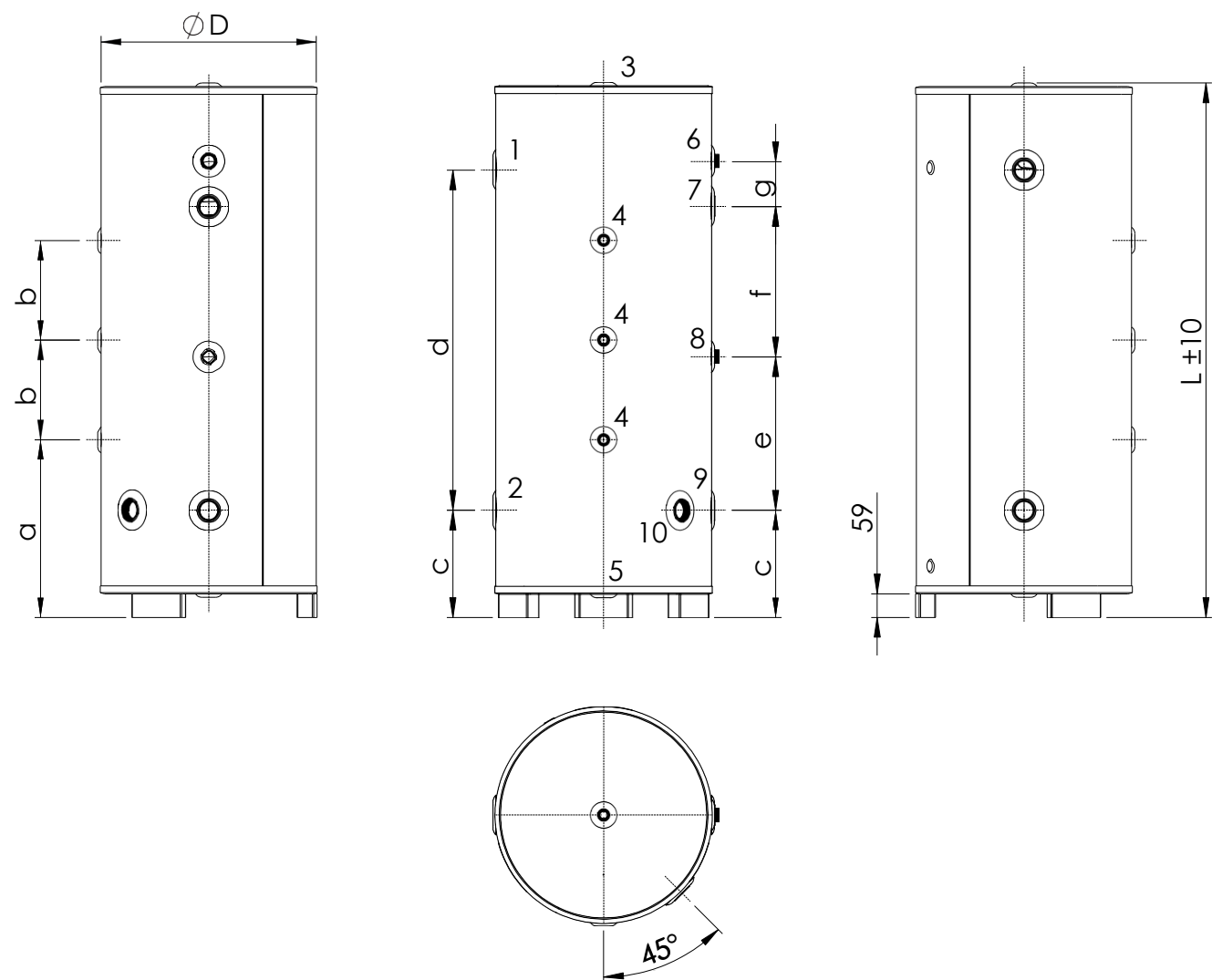
- 2042842: 1 1/4" 1500 W titanium heating element with IP65 thermostat
- 2042843: 1 1/4" 3000 W titanium heating element with IP65 thermostat

Technical characteristics:

Model	VS 150 COMFORT PRO	VS 200 COMFORT PRO	VS 300 COMFORT PRO	VS 500 COMFORT PRO
Code	2052430	2052431	2052432	2052433
Installation	Vertical floor mounted			
Capacity [l]	143	190	272	470
Heating element (optional)	1500 W titanium (2042842)	3000 W titanium (2042843)		
Tank max. pressure	3 bar			
Outer finish	Grey lacquered galvanised steel			
Insulation	Injected rigid polyurethane with a density of 42 kg/m³			
Insulation thickness [mm]	40			50
Diameter [mm]	540	540	540	700
Height [mm]	1047	1327	1827	1951
Weight when empty [kg]	35	45	57	85
Boiler material	Duplex 2101 stainless steel			
Heat exchanger (DHW)				
DHW heat exchanger surface [m²]	2.7	2.7	3.24	8.1
Vol. DHW heat exchanger [l]	9	9	10.8	43.2
Heat exchanger material	DN25 (150-300 L) DN40 (500 L) 316L stainless steel corrugated tube			
Maximum pressure/temperature	6 bar/ 100°C			
Flow rate (l/min)	12	12	18	50
Pressure drop (mca)	0.6	0.6	1.5	2.1
DHW production power [kW]*	29.3	29.3	44	122.1

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

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BUFFER TANK CIRCUIT

1. Boiler / heat pump return [1 1/4" F 150, 1 1/2" F 200-500]
2. Boiler / heat pump outlet [1 1/4" F 150, 1 1/2" F 200-500]
3. Tank purge [1/2" F]
4. Probe / 3 bar safety valve [1/2" F]
5. Drain [1/2" F]
7. Heating outlet [1 1/4" F 150, 1 1/2" F 200-500]
9. Heating return [1 1/4" F 150, 1 1/2" F 200-500]
10. Heating element [1 1/4" F 150, 1 1/2" F 200-500]

DHW CIRCUIT

6. DHW outlet [1" M 150-200, 1 1/2" H 500]
8. MAINS inlet [1" M 150-200, 1 1/2" H 500]

Dimensions [mm]	VS 150 COMFORT PRO	VS 200 COMFORT PRO	VS 300 COMFORT PRO	VS 500 COMFORT PRO
a	376	446	571	617
b	180	250	375	375
c	266	269	269	325
d	580	854	1354	1334
e	108	385	690	604
f	380	377	572	601
g	110	113	113	129
L (height)	1047	1327	1827	1951
R (heating element)	266	269	269	325
D (diameter)	540	540	540	700