ELDOM Vertical Water Heater with 2 Coils 100

two parallel coils (right-hand), stainless steel tank, 3 kW

Technologies:

ENERGY SAVING, RELIABLE, LONG LIFE

- ENERGY SAVING

- With two corrugated heat exchangers made from stainless steel AISI 316L for a combined usage of two thermal sources. Considerable electrical energy savings could be achieved through the appropriate combining of heating modes during every season.
- The serpentine corrugated surface ensures by 15% better heat exchange;
- Sensor sockets for each heat exchanger – the mounted thermal sensors allow for the precise heating system control and its economical functioning.
- We use a Closed-Cell heat insulation system with a closed cell structure with 97% of closed cells. It is a polyurethane system of new generation that features high energy efficiency and thermal conductivity coefficient λ of approx. ~ 0.021 – 0.023 W/mK. This insulation with thickness of more than 33 mm guarantees minimum heat losses and saves money.

• LONG LIFE - water tank made from chrome-nickel alloyed stainless steel AISI 316L. The Molybdenum (Mo) content adds extra strength and durability to the steel;
• RELIABLE - with a unique "6-Level protection"
• External thermoregulator - for setting the water heating temperature
• Temperature indicator – it measures the water heating temperature;
• Combined safety valve – acting as a balance, return and differential valve;
• Elliptic flange with a special design - guaranteeing your safety;
• Electrical tube heating element, specially designed for this model and manufactured according to the latest innovative technology;
• Illuminated switch.

Installation:	**Vertical**
Capacity range:	**100**
Water tank:	**Stainless**
Nominal power (kW):	**3**
Energy efficiency class:	**B**
Control:	**mechanical control**
Number of coils:	**2**
Dimensions ØxH [mm]:	**462 x 1005**
Voltage [V]:	**230 V~**
Method of water heating:	**Electric heating element + two heat exchangers**
Pipes diameter (plumbing system / heat exchanger):	**3/4" / 3/4"**
Nominal pressure [MPa]:	**0.7**
IP protection:	**IP24**
Heat exchanger surface [m2]:	**0.56 / 0.56**
Standing loss [W]:	**47**