VERTICAL MODELS

100 L Vertical Pressure Tank

MODEL **EKL-H-100-V**



The Ekoltank 100 Liters Vertical Tank (Model: EKL-H-100-V) is the highest capacity model in the booster and expansion tank series. With its 815 × 390 mm (15.4") body dimensions, free-standing structure and 1" BSP connection, it is engineered for industrial and large-scale installations.

CAPACITY
100 Liters / 26 Gallons

CONNECTION
1" BSP

MAX WORKING PRESSURE
10 bar / 145 psi

FACTORY PRE-CHARGE PRESSURE
2 bar / 29 psi

TECHNICAL SPECIFICATIONS

Brand	Ekoltank
Model	EKL-H-100-V
Capacity	100 Liters / 26 Gallons
Height (A)	815 mm (32.1")
Diameter (B)	390 mm (15.4")
Leg Height (C)	104 mm (4.2")
Position	Vertical (with legs)

Connection	1" BSP
Body Material	Metal
Max Working Pressure	10 bar / 145 psi
Factory Pre-Charge Pressure	2 bar / 29 psi
Membrane type	BUTYL-EPDM
Min Working Temperature	4°C / 40°F
Max Working Temperature	50°C / 122°F

KEY FEATURES

- 100 litres (26 gallons) capacity — highest volume in the vertical series
- Same diameter as the 60-litre model (390 mm) — extra volume comes from height, floor footprint does not increase
- Water hammer protection — absorbs the pressure wave
- Buffer volume function — prevents the pump from starting and stopping continuously
- Free-standing body · BUTYL-EPDM membrane
- 10 bar max. pressure · 2 bar factory pre-charge
- 1" BSP connection

APPLICATIONS

- Industrial facility water pressurization systems
- Large apartment complexes and residential booster groups
- Hotels, hospitals, and public use facilities
- Long pipeline irrigation systems

FREQUENTLY ASKED QUESTIONS

How many litres is 26 gallons?
Approximately 100 litres.

Is this the largest model of the series?
Yes, it is the highest capacity model in the booster and expansion tank series.

Does it fit in the same place as the 60-litre?
Their diameters are the same (390 mm (15.4")), but the 100-litre model is 196 mm (7.7") taller. The ceiling height must be checked.

What is the total height?
Body 815 mm (32.1"), approximately 919 mm (36.2") with legs.

Ekol Tank Metal Kimya Mak. San. ve Tic. A.Ş.
İstasyon Mah. 1495/2 Sk. No: 6, Gebze / Kocaeli, Türkiye
+90 212 914 14 34 · info@ekoltank.com.tr · ekoltank.com.tr

This datasheet is a summary; values are nominal and may change without notice as part of product development. Refer to the product catalogue for binding technical data. Read the user manual before installation.