HORIZONTAL MODELS

100 L Horizontal Pressure Tank

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



Ekoltank 100 Liters Horizontal Tank (Model: EKL-H-100-H), is the highest capacity model of the horizontal series. 815 × 390 mm (15.4") dimensions 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-H
Capacity	100 Liters / 26 Gallons
Length (A)	815 mm (32.1")
Diameter (B)	390 mm (15.4")
Position	Horizontal
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 horizontal series
- Only 390 mm height — less than half of its vertical equivalent (~919 mm)
- Water hammer protection — absorbs the pressure wave
- Buffer volume function — prevents the pump from starting and stopping continuously
- BUTYL-EPDM membrane
- 10 bar max. pressure · 2 bar factory pre-charge
- 1" BSP connection

APPLICATIONS

- Industrial facility water pressurization systems
- Residential complex and large apartment booster groups
- Hotels, hospitals, and public use facilities
- Long pipeline irrigation systems
- Low-ceiling large boiler rooms

FREQUENTLY ASKED QUESTIONS

How many litres is 26 gallons?
Approximately 100 litres.

How much space does it take up?
815 mm (32.1") long, 390 mm (15.4") high and wide. Extra space must be allowed for connection.

Is this the largest model of the horizontal series?
Yes.

Is there a vertical model?
Yes, EKL-H-100-V.

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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.