HORIZONTAL MODELS

50 L Horizontal Pressure Tank

MODEL **EKL-H-50-H**



The Ekoltank 50 Liters Horizontal Tank (Model: EKL-H-50-H) is a high-capacity horizontal expansion vessel manufactured for apartment-scale booster sets. With its 575 × 350 mm (13.8") dimensions, it requires 220 mm (8.7") less height than the vertical model of the same capacity.

CAPACITY
50 Liters / 13 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-50-H
Capacity	50 Liters / 13 Gallons
Length (A)	575 mm (22.6")
Diameter (B)	350 mm (13.8")
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

- 50 litres (13 gallons) capacity — apartment-scale booster sets
- Only 350 mm height — its vertical equivalent requires ~679 mm with legs
- Low center of gravity — the 50 litres when full is distributed over a wide base
- Significantly reduces the number of pump starts
- BUTYL-EPDM membrane — high cycle durability in large volumes
- 10 bar max. pressure · 2 bar factory pre-charge
- 1" BSP connection

APPLICATIONS

- Apartment and multi-story building booster groups
- Low-ceiling basement boiler rooms
- Commercial facility water pressurization systems
- Agricultural irrigation systems

FREQUENTLY ASKED QUESTIONS

How many litres is 13 gallons?
Approximately 50 litres.

How much height does it require?
350 mm (13.8") in horizontal position. The vertical model of the same capacity requires approximately 679 mm (26.7").

Is there a vertical model?
Yes, EKL-H-50-V.

What should the pre-charge pressure be?
Factory setting is 2 bar (29 psi).

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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.