VERTICAL MODELS

# 24 L Vertical Pressure Tank

MODEL **EKL-H-24-V**



The Ekoltank 24 Liters Vertical Tank (Model: EKL-H-24-V), with its 24-litre (6.3-gallon) capacity, is the first transition model for multi-apartment building installations. With its 447 × 290 mm (11.4") dimensions and 1" BSP connection, it is directly integrated into standard installations.

**CAPACITY**
**24 Liters / 6,3 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-24-V |
| Capacity | 24 Liters / 6,3 Gallons |
| Height (A) | 447 mm (17.6") |
| Diameter (B) | 290 mm (11.4") |
| 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

- 24 litres (6.3 gallons) capacity — transition model for multi-apartment building installations
- 447 × 290 mm body — suitable for standard boiler room heights
- Free-standing body (104 mm) — same leg height as the other vertical models
- BUTYL-EPDM membrane
- 10 bar max. pressure · 2 bar factory pre-charge
- 1" BSP connection
- Horizontal equivalent available — EKL-H-24-H with the same capacity

## APPLICATIONS

- Multi-flat building booster groups
- Medium-scale closed-circuit heating installations
- Commercial enterprise water pressurization systems
- Irrigation and garden water installations

## FREQUENTLY ASKED QUESTIONS

**How many litres is 6.3 gallons?**
Approximately 24 litres.

**How many apartments is it suitable for?**
It depends on the total water volume of the installation. For precise selection, it is recommended to calculate based on flow rate and pressure values.

**What is the total height?**
Body 447 mm (17.6"), approximately 551 mm (21.7") with legs.

**What should the pre-charge pressure be?**
Factory setting is 2 bar (29 psi). In booster applications, it is set slightly below the pump start-up pressure.

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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.