REVERSE OSMOSIS PRESSURE BALANCE STORAGE TANKS

RO 152 Reverse Osmosis Tank

MODEL **EKL-RO-152**



The Ekoltank RO 152 (Model: EKL-RO-152) is an NSF-certified metal storage tank with a capacity of 23 litres (6.0 gallons), exceeding domestic tank sizes. It is the first model in the RO series to feature a 1" BSP connection.

CAPACITY
23 Liters / 6.0 Gallons

CONNECTION
1" BSP

MAX WORKING PRESSURE
6.9 bar / 100 psi

FACTORY PRE-CHARGE PRESSURE
0.4 bar / 6 psi

TECHNICAL SPECIFICATIONS

Brand	Ekoltank
Model	EKL-RO-152
Capacity	23 Liters / 6.0 Gallons
Height (A)	425 mm (16.7") / 16.7 inches
Diameter (B)	300 mm (11.8") / 11.8 inches
Connection	1" BSP

Body Material	Metal
Max Working Pressure	6.9 bar / 100 psi
Factory Pre-Charge Pressure	0.4 bar / 6 psi
Min Working Temperature	4°C / 40°F
Max Working Temperature	50°C / 122°F
Certificate	NSF/ANSI 58

KEY FEATURES

- 23 litres (6.0 gallons) capacity — office and small business scale
- First model in the series to step up to a 1" BSP connection — high-flow filling and discharging
- NSF certified — suitable for drinking water in shared areas
- 425 × 300 mm body — fits under most standard cabinets
- Adapter-free connection to commercial treatment systems
- 6.9 bar max. pressure · 0.4 bar factory pre-charge

APPLICATIONS

- Office and business center drinking water systems
- Small commercial businesses like cafes, hairdressers, clinics
- Common areas like schools, tutoring centers
- High-consumption home kitchens

CERTIFICATIONS **NSF/ANSI 58**

FREQUENTLY ASKED QUESTIONS

How many litres is 6.0 gallons?
Approximately 23 litres.

What is the connection size?
1" BSP. It cannot be connected directly to the 1/4" inlet of domestic RO systems; an appropriate fitting or commercial system is required.

Why this model instead of the RO 132?
It offers higher capacity and a larger connection size. It is preferred in locations with intensive and back-to-back usage.

What should the pre-charge be?
0.4 bar (6 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.