REVERSE OSMOSIS PRESSURE BALANCE STORAGE TANKS

RO 1010 Reverse Osmosis Tank

MODEL **EKL-RO-1010**



The Ekoltank RO 1010 (Model: EKL-RO-1010) is a metal storage tank for commercial purification systems with a 38-litre (10.1-gallon) capacity. Thanks to its free-standing body structure, it sits firmly and balanced on the floor; it does not require a wall bracket or extra chassis.

CAPACITY
38 Liters / 10.1 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-1010
Capacity	38 Liters / 10.1 Gallons
Height (A)	575 mm (22.6") / 22.6 inches
Diameter (B)	350 mm (13.8") / 13.8 inches
Leg Height (C)	104 mm (4.2") / 4.2 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

KEY FEATURES

- 38 litres (10.1 gallons) capacity — commercial scale storage
- Free-standing body — sits firmly on the floor, requires no additional chassis or wall bracket
- Metal body — resistant to impact and deformation
- 1" BSP connection — directly integrates into commercial installations
- Peak hour reserve — uninterrupted flow during surges in demand
- No direct ground contact — reduces moisture-induced corrosion risk
- 6.9 bar max. pressure · 0.4 bar factory pre-charge

APPLICATIONS

- Cafes, restaurants, and commercial kitchens
- Hotel and accommodation facility drinking water lines
- Ice machine and coffee machine supply systems
- Medium-scale offices and business centers
- Central purification systems

FREQUENTLY ASKED QUESTIONS

How many litres is 10.1 gallons?
Approximately 38 litres.

Is it free-standing or wall-mounted?
It is free-standing. It sits firmly on the floor and requires no additional mounting hardware.

What is the connection size?
1" BSP.

What should the pre-charge be?
0.4 bar (6 psi). Periodic checks are recommended for large-volume tanks.

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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.