REVERSE OSMOSIS WATER PURIFIER

7-stage configuration*

Home / point-of-use filtration

THE SYSTEM AT A GLANCE

Purifier + storage tank + dedicated faucet

ILLUSTRATED SYSTEM

Approximate size references



DIMENSIONS ARE INDICATIVE

Confirm real unit & clearance before installation.

WHAT IS INSIDE?

7 filter elements: media + purpose

01 SEDIMENT / PP
Melt-blown PP • traps sand, rust, silt.

02 GRANULAR CARBON (GAC)
Loose activated carbon • helps reduce chlorine.

03 CARBON BLOCK (CTO)
Compressed carbon • improves taste / odor.

04 RO MEMBRANE
Semi-permeable TFC • reduces dissolved solids.

05 INLINE POLISHING
Activated carbon • final taste conditioning.

06 T33 POST-CARBON
Carbon media • additional taste polishing.

07 MINERAL FILTER
Mineral media • may add back some minerals.

*** Actual cartridge media / routing may vary.**
Verify against labels or manufacturer datasheet.

REFERENCE SPECS & RATIOS

Typical figures - exact model not verified

01 STORAGE TANK
≈ 3.2 US gal / 12 L nominal

02 FILTER FORMAT
Common 10 in / 25.4 cm cartridges

03 TUBING
Often 1/4 in / 6.35 mm OD

04 MEMBRANE SCALE
Approx. 0.0001 µm separation

05 TDS REDUCTION
Membrane / feed-water dependent

06 PURE : WASTE
Not verified; varies by pressure / design

EVERYDAY USES

- **Drinking** — Fresh point-of-use water for daily use.
- **Cooking** — For preparation of food and ice.
- **Beverages** — Cleaner-tasting water for tea / coffee.

SERVICE & INSTALLATION

- **6-12 months** — Typical sediment / carbon service
- **2-3 years** — Typical RO membrane inspection / change
- **At installation** — Confirm pressure, drain and space

HOW IT WORKS Inlet → sediment → carbon → RO membrane → tank → polishing → faucet

Technical values are illustrative only. Filtration results depend on feed water and proper operation; verify water safety by testing.