RO MEMBRANE HOUSINGS

18x12 Membrane Housing (Quick)

For 1812 reverse osmosis membranes · 4/6 quick-connect stems · Made in Türkiye

Membrane housing for 1812-size membranes in residential reverse osmosis units. The feed, permeate and concentrate ports have 4/6 quick-connect stems, so 4/6 RO tubing is fitted without tools.

The cap screws onto the housing body and seals with an O-ring; it is opened with the wrench when the membrane is changed.



COMPATIBLE MEMBRANE **1812** residential RO	CONNECTION **Quick** 4/6 stems
MAX. OPERATING PRESSURE **8.6** bar	OPERATING TEMPERATURE **4 – 45** °C

01 MODELS AND DIMENSIONS

Stock Code	Model	Compatible Membrane	Connection
3-2-EV-1812-Q	18x12 Membrane Housing	1812	Quick stem 4/6

Cap wrenches: 3-2-EV-1812-YED-02 (PP), 3-2-EV-1812-YED-01 (ABS), multi-purpose 5-FK-YED-A03 / A02.



02 OPERATING CONDITIONS

Max. operating pressure	**8.6 bar (125 psi)**
Operating temperature	**4 – 45 °C (39 – 113 °F)**
Compatible membrane	**1812 (residential RO membranes)**
Connection	**Quick-connect stems, 4/6**

03 MATERIALS

Body and cap	**Polypropylene (PP), white**
End configuration	**Quick-connect stems (4/6)**
Gasket	**Elastomer (O-ring)**
Origin	**Türkiye**

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Made in Türkiye

04 FEATURES

- Standard size compatible with 1812 membranes
- Tool-free tubing installation with quick-connect stems
- Leak-tight screw cap with O-ring
- Easy membrane change with the wrench
- Light, corrosion-resistant plastic construction

05 APPLICATIONS

- Residential under-sink reverse osmosis units
- Countertop and dispenser-type purifiers
- Unit production and service spare part
- Membrane housing replacement

06 INSTALLATION AND MEMBRANE CHANGE

01 Shut off the unit's feed water and close the tank valve to relieve the pressure.

02 Open the cap anticlockwise with the membrane housing wrench.

03 Remove the old membrane and insert the new one with the brine seal end first.

04 Check the O-ring, close the cap and push the tubing into the quick fittings.

05 Open the water, check for leaks and discard the first water produced.

> Connect the feed, permeate and concentrate lines to the correct ports. Do not overtighten the cap; replace the O-ring if it is flattened or cut. Do not connect to hot water.

07 PACKAGING

Stock Code	Box Size (mm)	Pcs per Box
3-2-EV-1812-Q	385 × 385 × 690	50



The technical values in this document are for information purposes only and were obtained under standard test conditions. Actual performance may vary depending on water quality, temperature, pressure and operating conditions. HSC Water reserves the right to change technical specifications without prior notice as part of ongoing product development.

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