R.O. WATER PURIFIERS · PUMP KITS

RO Pump Kits

75 GPD · Converts units without pump into pump units · 3 options

75 GPD pump kits designed to convert reverse osmosis units without a pump into pump units. They keep the membrane working efficiently and the tank filling quickly at low mains pressure.

Available in three options: black EP 75 GPD, white GA 75 GPD and white GA 75 GPD with a pressure gauge. On the gauge version, the operating pressure can be seen at a glance.



CAPACITY	OPTIONS
75 GPD	**3** kits
PUMP SUPPLY	POWER
24 V DC	**220 – 240** V AC

01 OPTIONS

Stock Code	Model	Pump	Colour	Gauge
3-RY-P-75-PS2	RO Pump Kit	EP 75 GPD	Black	—
3-RY-P-75-PS	RO Pump Kit	GA 75 GPD	White	—
3-RY-P-75-PSM	RO Pump Kit with Gauge	GA 75 GPD	White	Yes

The kits are for residential RO units without pump with a 75 GPD membrane.

02 OPERATING CONDITIONS

Low-pressure switch	Stops below 0.2 bar (3 psi)
High-pressure switch	Stops at 3.2 bar (46 psi)
Feed water temperature	5 – 38 °C (41 – 100 °F)
Power supply	220 – 240 V AC, 50 Hz
Pump supply	24 V DC (via adapter)

03 TECHNICAL SPECIFICATIONS

Pump	75 GPD (EP or GA)
Compatible unit	Residential RO units without pump
Connection	1/4" quick-connect
Box contents	Pump kit, pump adapter, 1/4" T fitting, 1/4" connecting tube, user manual
Pressure gauge	0 – 16 bar (3-RY-P-75-PSM only)

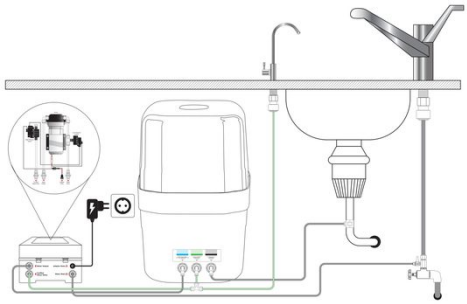
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04 INSTALLATION DIAGRAM



Mains water first enters the pump kit; the pump raises the pressure and sends the water to the unit inlet. The purified water line from the unit to the faucet is connected to the pump kit with the 1/4" T fitting. With the faucet closed, the pump stops when the tank is full and the pressure reaches 3.2 bar; it does not run when the water supply is cut or the pressure falls below 0.2 bar.

05 FEATURES

- Converts a unit without pump into a pump unit
- Efficient production at low mains pressure
- Faster tank filling
- Three kit options
- Pressure monitoring on the gauge version

06 APPLICATIONS

- Homes with low mains pressure
- Upgrading RO units without pump
- Service and spare parts

07 INSTALLATION

01 Shut off the water to the unit and the tank valve; open the faucet to relieve the pressure.

02 Remove the feed tube from the unit and connect it to the kit's "Water Entry".

03 Cut the connecting tube in two; with part 1, connect the kit's "Water Output" to the unit's "Water Entry".

04 Cut the tube from the unit to the faucet and fit the 1/4" T fitting.

05 With part 2, connect the T fitting to the kit's "Purified Water Entry".

06 Plug the adapter into the "Adapter Entry" and the socket, open the water; open the tank valve.

With the faucet closed and the tank full, the pump stops automatically (about 10 – 20 seconds after the faucet is closed). The pump must never run dry.

08 LOGISTICS

Model	Box Size (mm)	Box Weight
3-RY-P-75-PS2	310 × 180 × 140	—
3-RY-P-75-PS	310 × 180 × 140	—
3-RY-P-75-PSM	310 × 180 × 140	—

Each kit is shipped in its own box.



3-RY-P-75-PS2
RO Pump Kit (EP 75 GPD) Black



3-RY-P-75-PS
RO Pump Kit (GA 75 GPD) White



3-RY-P-75-PSM
RO Pump Kit with Gauge (GA 75 GPD) White



Box
310 × 180 × 140 mm

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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