

# Compact 75 Water Purifier

## The best quality drinking water.

Reverse osmosis (RO) water purifiers are able to produce an amazing level of water purity and remove nearly all contaminants.

The **Compact 75 Water Purifier** is a fine example of the technology.

The Reverse osmosis process is able to remove approximately 95% of contaminants such as chlorine, lead, fluorides, bacteria and viruses, as well as unpleasant tastes and odours from the water. The result is a highly pleasing, fresh tasting drinking water.

Traditional RO systems operate on mains water pressure using a semi-permeable membrane. This rejects impurities and washes them down the drain. The pure water is collected and stored in a tank for use at a later time.

The drawbacks of this system are that the proportion of water used to wash away the contaminants can be very high as the process is water pressure and temperature dependant. Some systems waste 9 litres of water to produce just one litre.

The Compact 75 Water Purifier uses just 1.75 litres of wash water to produce each litre of pure water

The Compact 75 system utilises a high pressure pump and the very latest membrane technology to produce up to 11 litres per hour of Pure Drinking water.

The Compact 75 includes a Cartridge life indicator.

The use of larger bore pipework for the tap and tank connections ensures the highest flow to tap is available.

Easy to change filter cartridges.



## Technical specification Compact 75 Water Purifier

Nominal pure water production rate	11 litres per hour
Minimum / maximum operating temperature	4° to 38° C
Minimum / maximum water pressure	0.5 to 3 bar*
Membrane type	Thin film composite (TFC)
Recovery ratio	1.75 to 1
pH range	6 to 9
TDS level	No more than 1500mg/l
Water hardness	No more than 170mg/l
Pre & post filters	Carbon block cartridge / T33
Dimensions of membrane module (W x D x H), including power supply and elbows	120 x 395 x 340 mm
Dimensions of air charge tank (Dia x H) including valve	195 x 360 mm
Nominal capacity of air charge tank	3.5 litres
Storage tank orientation for installation	Vertical or horizontal
Tank refill time	20 minutes
Maximum installation distance possible from membrane to tank	1.5 meters
Pre filter cartridge life	6 months
Post filter cartridge life	12 months
Membrane life	Variable – approximately 3 years on soft water**
Warranty (excluding consumables)	1 year
Water flow to tap	3.0 litres/min (max)
Power requirement (supplied with a 24V 2.1 amp transformer)	230V 50Hz

\*Pressure limiting valve required if exceeded

\*\*Depending on water quality and usage

### Features:

- High performance carbon pre and post filters.
- Plastic storage tank with 3/8" connections
- Super Compact design for under sink installation or under plinth.
- High performance membrane
- Cartridge reminder system
- Waste water ratio 1.75: 1

