



Economical Reversed Osmosis Water Treatment

- High-quality membrane
- High performance
- Stops bacteria
- Reduces maintenance of humidifiers
- Reduces wear and tear transducers
- Works on water pressure
- No electrical power required

Demineralised Water

The use of demineralised water is recommended with Contronics humidifiers for the following reasons:

- Any minerals, salts and bacteria that enter the humidifier will cause the water reservoir to become polluted. The integrated flushing program will delay this process but will not prevent it entirely.
Depending on the quality of the added water, the water reservoir will eventually become blocked. As a result, the energy of the transducers will no longer be effective, and they will wear out more quickly.
- The minerals and salts (calcium) present in city water will end up in the area to be humidified and could cause annoying deposits of dust.
- Any bacteria present in city water (Legionella) could multiply easily in the relatively warm water in the humidifier and could thereby constitute a health hazard.

Reversed Osmosis

The Contronics LP series is fitted with a high-quality (Dow Chemical) membrane. Working on the principle of Reverse Osmosis (R.O.), the membrane only allows water molecules to pass through. A flushing system prevents clogging, increases the service life of the membrane and improves performance.

Two preliminary filters are positioned ahead of the membrane: a 5 micron pre-filter and an active carbon filter.

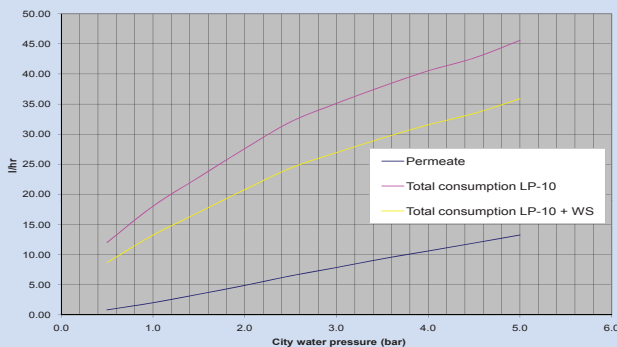
A buffer tank is also included in the delivery. This tank will supply additional water whenever the humidifier is consuming more than the osmosis system is able to supply.

Under normal operating conditions (10 °C) and 3,5 bar of city water pressure, the capacity is 10 l/hr.

The LP-10 is suitable for maximum:

- 5 x HU-25 or
- 2 x HU-45 or
- 1 x HU-85

LP-10 CAPACITY<->CONSUMPTION



Specifications LP-10

	LP-10	LP-10WS
Maximum production in kg/day at 25 °C	375	375
Maximum production in kg/day at 10 °C	240	240
Retention of salts and minerals (%)	98	98
Output compared to supplied water (%)	25-30	35-40
Maximum temperature (°C)	45	45
Power consumption (W)	0	0
Minimum pressure (bar)	2	2
Dimensions LxWxH (cm)	36x23x38	36x23x43
Content of buffer tank (kg)	10	10
Buffer tank dimensions (cm)	26 x 40	26 x 40
Inlet pressure buffer tank (bar)	0.45	0.45

Options

Water Saver® (WS)	Reduces the drain water with 30%.
Water Safe Guard® (WSG)	Guards continuous the quality of the water.

Accessories

LP-XXEXT	Connection kit for extra humidifiers.
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LP-10WS

LP-10WSG

