



Economical Reversed Osmosis Water Treatment

- High-quality membrane
- High performance
- High-quality pump
- Stops bacteria
- Reduces maintenance of humidifiers
- Reduces wear and tear transducers
- Low energy consumption
- Quiet performance

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

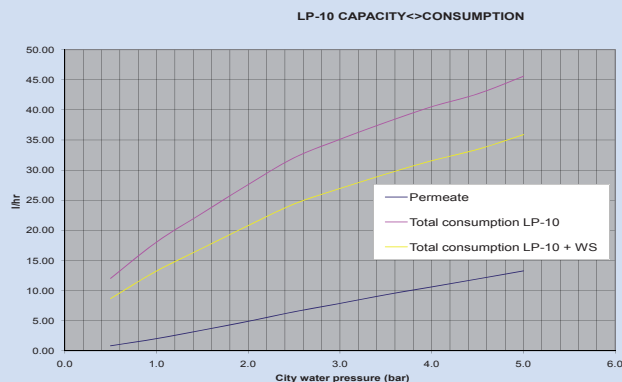
The Contronics LP series is fitted with a high-quality (Dow Chemical) membrane. Working on the principle of Reverse Osmosis (R.O.), the membrane only allows water molecules to pass through. A flushing system prevents clogging, increases the service life of the membrane and improves performance. Two preliminary 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 operation conditions (10 °C) the capacity of the LP-20BP is 20 l/hr.

The city water pressure must be above 1 bar.

The LP-20BP is suitable for maximum:

- 4 x HU-45 or**
- 2 x HU-85**



Specifications LP-20BP

Maximum production in kg/day at 25 °C	750
Maximum production in kg/day at 10 °C	480
Retention of salts and minerals (%)	98
Output compared to supplied water (%)	20-35
Maximum temperature (°C)	45
Power consumption (W)	25
Minimum pressure (bar)	1
Dimensions LxWxH (cm)	36x23x46
Content of buffer tank (kg)	10
Buffer tank dimensions (cm)	26 x 40
Inlet pressure buffer tank (bar)	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-20BPWSWSG

