



HOS SERIES

OSMOSIS FOR HOSPITALITY

The HOS series osmosis system is a device designed for the production of low salinity water at constant pressure for use in hospitality applications that do not require a significant daily volume of water.

The production of the HOS series osmosis system is 50 L/h**.

REQUIREMENTS

- Power supply: 220 – 240 VAC – 50 Hz
- Supply pressure: 1 – 3 Bar
- Design temperature: 20 °C
- TDS Maximum input : 1.000 ppm

MAIN COMPONENTS

- 10" sediment cartridge
- 10" GAC Carbon Cartridge
- 10" CTO Carbon Cartridge
- Minimum pressure switch
- Maximum pressure switch
- HF-50LN pressure pump
- Inlet pressure gauge
- 2 Reverse osmosis membranes 23x12 with high salt rejection of 200GPD
- NANOSILVER antibacterial in line cartridge
- Flow Restrictor 1200 cc
- 40 L accumulation tank
- Horizontal stainless steel centrifugal pump of 0.55 kW for accumulated osmosis water of 1.500 L/h at 3 Bar.
- Electronic pressure controller



CODE	MODEL	PRODUCTION* (L/ h)	MEMBRANE	TYPE OF PUMP	CONVER- SION* (%)	DIMENSIONS (mm)		
						BROAD	DEPTH	HIGH
RO-0410-02	RO-HOS400	50	2x23x12	HF-50LN	40	488	488	838

* Production and conversion may vary depending on several parameters such as water pressure, temperature and salinity.

** The peak flow rate of the osmosis water is that of the 0.55 kW pump.