

REVERSE OSMOSIS: OSMOSTAR S

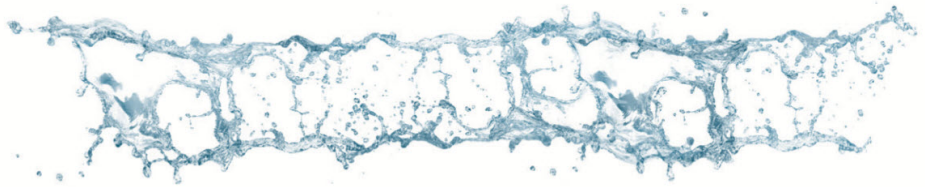
The OSMOSTAR S provides you with:

- Solid, compact installation on a stainless steel frame
- Energy-saving pumping
- High desalination percentage: 97-99%
- Membrane casing made from stainless steel
- Automatic membrane rinsing when stationary
- Permeate quality monitoring
- Microprocessor with automatic monitoring and potential-free contact
- Conductivity monitoring in permeate pipeline
- Accurate temperature compensated conductivity measurements
- Appliance easy to install and then immediately ready for production
- Maintenance-free installation
- Options Available:
CIP Connection, RS 232 BMS Connection, Castors, Integral Ultraviolet Unit, Additional Permeate Pump



The OSMOSTAR S is a new series of durable reverse osmosis installations with capacities of up to 2200 litres of desalinated water per hour. Larger capacities on request.

The frame of the new OSMOSTAR S is made from stainless steel and is very compact. The systems are provided with reliable microprocessor controls and conductivity monitoring as the standard.



Quality requirements of raw water

Supply pressure:	2 - 4 bar
Power supply	3 x 400 Volt 50Hz
Working pressure (variable)	9 - 15 bar
TDS	<1000 mg/l and chloride-free
Completely softened mains water	



PRODUCT RANGE DATA and SPECIFICATION

MODEL	CAPACITY ¹ AT 15°C litres / h	REQUIRED WATER SUPPLY ² litres / h	INSTALLED CAPACITY kW	WATER SIDE CONNECTIONS			DIMENSIONS (w x d x h) mm	TRANSPORT WEIGHT kg	RECOMMENDED WATER SOFTENER at 10°dH
				Supply	Permeate outlet	Drain			
S 75	80	100	0.55	DN 20	DN 20	DN 32	650 x 650 x 1900	105	B 45 DV
S 150	150	200	0.55	DN 20	DN 20	DN 32	650 x 650 x 1900	115	B 45 DV
S 250	250	350	0.55	DN 20	DN 20	DN 32	650 x 650 x 1900	125	B 45 DV
S 350	350	500	0.55	DN 20	DN 20	DN 32	650 x 650 x 1900	155	B 45 DV
S 400	400	550	2.2	DN 20	DN 20	DN 32	650 x 650 x 1900	135	B 100 DV
S 680	680	900	2.2	DN 20	DN 20	DN 32	650 x 650 x 1900	170	B 100 DV
S 950	950	1300	2.2	DN 20	DN 20	DN 32	650 x 650 x 1900	190	B 150 DV
S 1200	1200	1600	2.2	DN 20	DN 20	DN 32	650 x 650 x 1900	210	B 150 DV
S 1700	1700	2300	2.2	DN 25	DN 20	DN 32	650 x 850 x 1900	235	B 250 DV
S 1950	1950	2300	2.2	DN 25	DN 20	DN 32	650 x 850 x 1900	255	B 250 DV
S 2200	2200	2950	2.2	DN 25	DN 20	DN 32	650 x 850 x 1900	275	B 250 DV

1 Dependent on water quality, water pressure and temperature.

2 On the strength of 75% recovery, possibly dependent on the water quality.

Note The first production of permeate may not meet the required level of conductivity. This will be returned to the inlet and re-cycled until the correct level is reached and then released to service.

LUBRON UK LIMITED reserve the right to change equipment specification without prior notice, as part of our continuous product development programme.



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