

**PRE-ENGINEERED
FAST INSTALLATION
FULL-FEATURED PLANT**

**OSMOFLEX
PACKAGED SYSTEMS**

The OsmoFLEX™ platform incorporates all the components of a complete water treatment plant. Fully factory tested, skids arrive on site with minimal amount of work required. This platform is ideally suited for small facilities requiring quick deployment and easy installation.

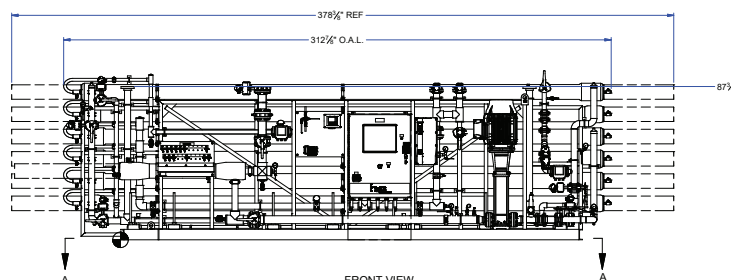
OsmoFLEX™ is ideal for small or rural municipalities dealing with brackish water and users who need to treat, polish, maximize recovery or pretreat effluents in industrial settings. OsmoFLEX™ is fully modular, allowing the set-up of multiple trains, now or in the future, for larger flows and/or redundancy requirements.

Coupled with Intellogx™, the OsmoFLEX™ comes with built-in service and customer support in mind with data logging, trending, remote access and alarm callout capabilities already preconfigured right out of the box.

Applications

- Drinking water
- TOC removal and THM control
- Wastewater reuse
- Boiler feedwater
- Ion exchange pretreatment
- Food & beverage
- Mine process water and remediation





Features

- CompactLogix Allen Bradley PLC with 19" HMI
- Feed, concentrate and permeate pressure and flow transmitters
- Permeate conductivity
- Automatic concentrate flow control
- Automated feed flush
- Skid-mounted cartridge filter housing
- Skid-mounted pumps
- 316 Stainless high pressure piping
- Remote access and control capabilities
- Powder-coated steel frame
- NEMA 4 panels with UL certification (Optional Stainless Steel TYPE 4X)

Options

- Intellogx™ data logging and trending
- Service Plan
- PLC upgrade/modifications
- Additional instrumentation (pH, ORP, conductivity, ammonia, etc...)
- MMF/Greensand/UF pretreatment
- Automated concentrate flow control valve along with VFD on high pressure pump
- Automated Permeate Flush
- CIP skid with manual or fully automated CIP
- Cellular modem for remote locations
- Spare parts

MODEL	PERMEATE FLOW	PRESSURE VESSELS* (1 st STAGE x 2 nd STAGE)	OVERALL SKID DIMENSIONS (L x W x H) (in.)	CONNECTIONS (in.)
OSM01	75 gpm	2 x 1	314" x 45" x 94"	Feed: 4" Concentrate: 2" Permeate: 3" CIP: 3"
	100 gpm	3 x 1		
	125 gpm	3 x 2		
	150 gpm	4 x 2		
OSM02	200 gpm	6 x 3	314" x 68" x 100"	Feed: 6" Concentrate: 2" Permeate: 4" CIP: 4"
	250 gpm	6 x 3		
	300 gpm	8 x 4		
OSM03	400 gpm	10 x 5	314" x 45" x 81"	Feed: 6" Concentrate: 3" Permeate: 6" CIP: 6"
	500 gpm	12 x 6		

OSMOFlex Electrical Packages	Electrical Requirements	FLA
OSMO - 40HP	480V 3PH 60HZ (see Note 1)	50A
OSMO - 50HP		60A
OSMO - 60HP		75A
OSMO - 75HP		100A
OSMO - 125HP		150A
OSMO - 150HP		200A

*Actual number of pressure vessels may vary depending on membranes and application

1) Consider 120V 1PH 60HZ 15A electrical utility drop to each skid



MODEL	CIP FLOW	OVERALL SKID DIMENSIONS (L x W x H) (inches)	TANK SIZES
OSM01 - CIP	160 gpm	90" x 51" x 86"	550 GAL 850 GAL
OSM02 - CIP	320 gpm	90" x 51" x 86"	1200 GAL 1550 GAL
OSM03 - CIP	480 gpm	90" x 51" x 86"	1850 GAL