

# North Sea N-2 Series

The reliable choice for unlimited fresh water production



The North Sea N-2 Series is the top choice of the offshore and commercial marine industry. It has the capacity to provide up to 200 metric tons of fresh water per day. With minimal space and maintenance requirements, the new North Sea N-2 has multiple controller configuration options, and provides maximum utility of space while incorporating ease of control and safety standards.

## Choose the level of control

Choose from basic, semi-automatic, or fully automatic control options. The basic control option features a performance- and error-detection function that displays multiple user warning messages to help prevent major maintenance issues.

The North Sea N-2 high pressure pump is the most compact and efficient pump on the market. This HP pump has flexible installation options that don't require frames, belt drives or gear boxes. The HP pump is water lubricated, corrosion resistant (Super Duplex), and completely eliminates membrane fouling caused by oil leaks. This innovative HP pump provides constant flow regardless of variations in pressure while delivering a total efficiency of up to 97 percent.



## Product features

- Produces 11,887 to 52,834 gallons per day
- Radial axial pump does not require oil change
- Available with basic, semi-automatic and automatic controller options
- Industrial PLC control
- User-friendly color touchscreen
- Optional ethernet/MODBUS communication

## North Sea N-2 System Specifications

Model	No. of Vessels	Membrane Configuration	Production / Hour	Production / 24 Hrs.	Weight
45m <sup>3</sup>	1	Double	495 gal	11,887 gal	3,700 lbs
85m <sup>3</sup>	2	Double	935 gal	22,454 gal	4,000 lbs
105m <sup>3</sup>	3	Double	1,155 gal	27,738 gal	4,300 lbs
145m <sup>3</sup>	4	Double	1,595 gal	38,299 gal	4,800 lbs
175m <sup>3</sup>	6	Double	1,926 gal	46,230 gal	5,400 lbs
175m <sup>3</sup>	4	Triple	1,926 gal	46,230 gal	5,400 lbs
200m <sup>3</sup>	6	Triple	2,201 gal	52,834 gal	6,300 lbs

## Electrical Requirements

System	Data	208/60Hz/3PH	230/60Hz/3PH	460/60Hz/3PH
45m <sup>3</sup>	Full Horse Power - HP Pump	25 hp	25 hp	25 hp
	Full Horse Power - Booster	7.5 hp	7.5 hp	7.5 hp
	FLA	77	72	36
85m <sup>3</sup> • 105 m <sup>3</sup>	Full Horse Power - HP Pump	25 hp	25 hp	25 hp
	Full Horse Power - Booster	7.5 hp	7.5 hp	7.5 hp
	FLA	81	84	42
145m <sup>3</sup> - 200m <sup>3</sup>	Full Horse Power - HP Pump	50 hp	50 hp	50 hp
	Full Horse Power - Booster	7.5 hp	7.5 hp	7.5 hp
	FLA	140	130	65

## North Sea N-2 Dimensions



WARNING: This product can expose you to chemicals including Di(2-ethylhexyl)phthalate (DEHP), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

