

water water everywhere...
How much do you want to drink?



THE TASMAN SEA T-2

The Tasman Sea T-2

Same reliable service, new modern controls



Above: Tasman Sea S2 - Model 72m³

Danfoss Sea Recovery introduces the Tasman Sea T-2 to our renown line of watermakers. The T-2 offers semi-automatic to fully automatic configurations - all complete with touch screen controls and optional Ethernet and MODBUS remote communication. The new T-2 requires minimal maintenance and is backed by a global team of Factory Trained Technicians. Danfoss has continued the tradition of using high quality parts that have been tested and proven to exceed industry safety standards. With the Danfoss Sea Recovery T-2, you can be confident that you are choosing the world's most trusted watermaker.

Choose your level of control

Basic Semi-Automatic Configuration

The basic semi-automatic configuration comes equipped with a touch screen enabled controller. This basic configuration features a performance and error detection function that displays multiple different user warning messages, helping to prevent major maintenance issues.

Semi-Automatic Digital Configuration

A step up from the basic configuration, the digital configuration provides additional features such as semi-automated Chemical injection functions, an automatic Media Filter (option), and a multi-colored touch screen interface that displays graphical flow readouts and maintenance alerts.

Automatic Configuration

Equipped with an automated back pressure regulator, this configuration produces water all on its own. The Media Filter's detection system performs an automatic clean and rinse cycle when necessary, eliminating the need for an operator to keep track and perform media filter maintenance cycles. Cartridge filter blockages are predicted to help facilitate efficient maintenance schedules.

Industrial PLC control

Danfoss Sea Recovery's integrated performance monitoring and optimization software allows the Tasman Sea to display local warnings of potential problems before they become significant performance issues. It's one touch automatic start up/shutdown function lets you walk away knowing your system is running at peak efficiency.

Standard Radial Axial Pump

Equipped with Danfoss Sea Recovery's corrosion resistant radial axial high pressure pump, the Tasman Sea T-2 has no need for oil changes or maintenance for up to 8,000 hours of operation.

Optional Ethernet/MODBUS Communication

The optional Communications Package seamlessly integrates into locally hosted control systems, allowing real time remote monitoring of process instrumentation, system performance, as well as remote notification of detected system errors, and detailed 'Maintenance Requests.' You can even start and stop your system remotely with a single command.

Additional Accessories



Fresh Water Flush
Prolong the life of your membrane at the touch of a button.



pH Neutralizer
Restore your product water to a neutral state or level.



Hydrocyclone Separator
Has no filters or moving parts and extends the life of pre-filters and elements.



UV Sterilizer
Eliminates 99.8% of bacteria and viruses from the feed water.



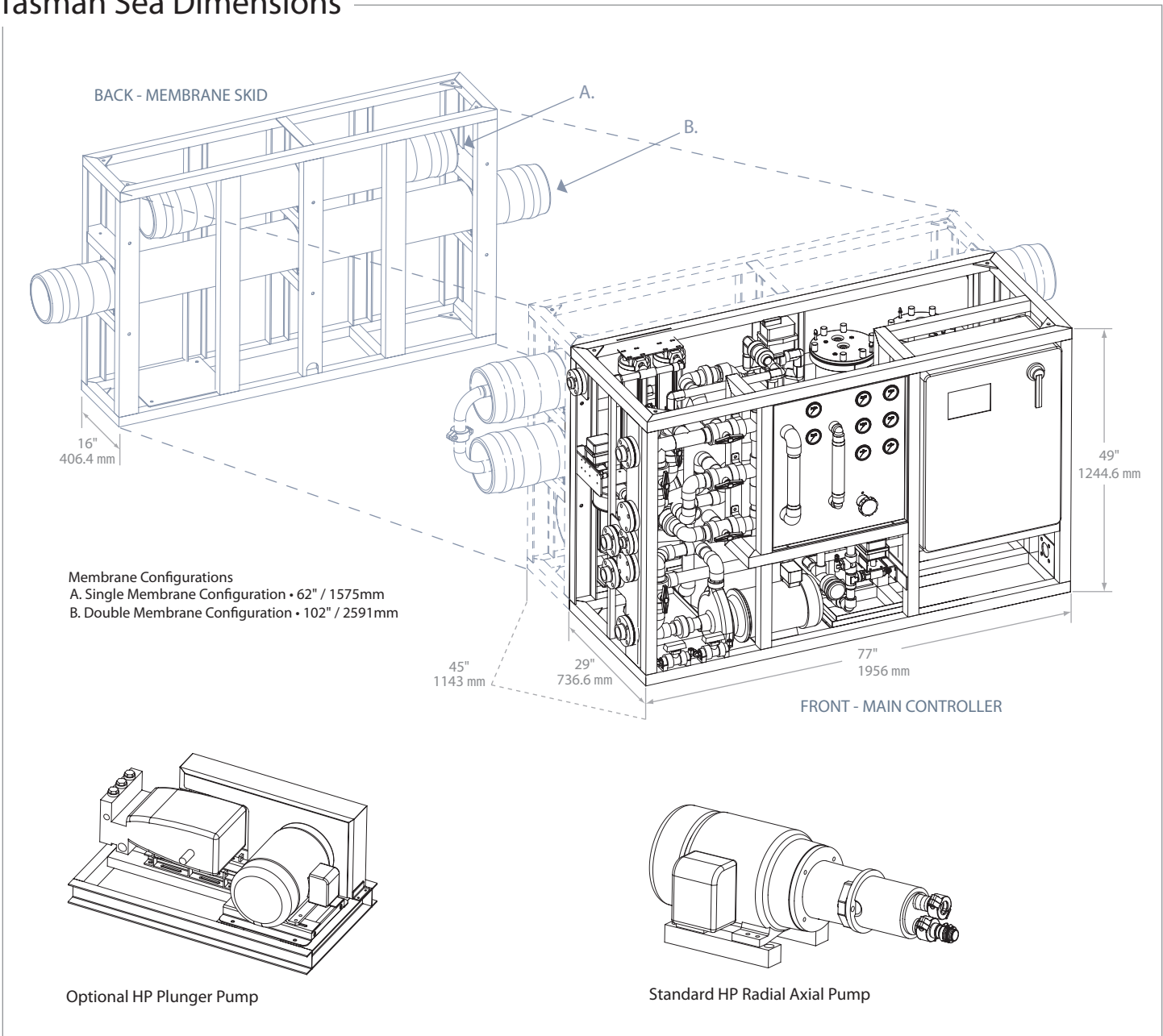
Chemical Injection
Control the chemistry of the feed water to reduce and prevent fouling.

| SYSTEM SPECIFICATIONS | Model | No. of Vessels | Membrane Configuration | Production / Hour | Production / 24 Hrs. | Weight - lbs / kg |
|-----------------------|------------------|----------------|------------------------|---------------------|-------------------------|----------------------|
| | 25m ³ | 1 | Single | 270 gal / 1,022 lit | 6,500 gal / 24,605 lit | 1,900 lbs / 864 kg |
| | 45m ³ | 2 | Single | 511 gal / 1,934 lit | 12,000 gal / 45,424 lit | 2,100 lbs / 954 kg |
| | 45m ³ | 1 | Double | 511 gal / 1,934 lit | 12,000 gal / 45,424 lit | 2,100 lbs / 954 kg |
| | 60m ³ | 3 | Single | 666 gal / 2,521 lit | 16,000 gal / 60,566 lit | 2,200 lbs / 1,000 kg |
| | 72m ³ | 4 | Single | 791 gal / 2,994 lit | 19,000 gal / 71,922 lit | 2,400 lbs / 1,090 kg |
| | 72m ³ | 2 | Double | 791 gal / 2,994 lit | 19,000 gal / 71,922 lit | 2,400 lbs / 1,090 kg |
| | 90m ³ | 6 | Single | 958 gal / 3,626 lit | 23,000 gal / 87,065 lit | 2,400 lbs / 1,090 kg |
| | 90m ³ | 3 | Double | 958 gal / 3,626 lit | 23,000 gal / 87,065 lit | 2,400 lbs / 1,090 kg |

| ELECTRICAL REQUIREMENTS | System Size | 220/50Hz/3PH | 380/50Hz/3PH | 440/50Hz/3PH | 208/60Hz/3PH | 230/60Hz/3PH | 460/60Hz/3PH | Data |
|-------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| | 25m ³ - 45m ³ 60m ³ - 72m ³ 90m ³ | 35 | 35 | 35 | 30 | 30 | 30 | Total Horse Power |
| | | 90 | 52 | 47 | 80 | 72 | 38 | Full Load Amps |
| | | 125 | 100 | 100 | 125 | 125 | 100 | Recommended CB |

*Figures stated do not include any system optional components.

Tasman Sea Dimensions



The standard in commercial watermakers

Danfoss Sea Recovery is a pioneer in the manufacturing of watermakers built to accommodate the customer's needs. The common features of all Danfoss Sea Recovery watermakers are versatility in installation options, user-friendly controls, minimal maintenance, and safety.

Danfoss Sea Recovery's commercial line of watermakers are the standard in the market because of their reliability and robust construction. Guaranteed to provide clean water in the most extreme conditions.

The most convenient and efficient choice for fresh water production

Danfoss Sea Recovery industrial watermakers produce 10 times more water per hour than other water purification methods.



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