

M.R. Solutions

50 HP Electric Titanium Refrigerated Sea Water (RSW) System



*The unit shown here is a 20 HP system.
The 50 HP would have a similar component layout.*

UNIT FEATURES:

COMPACT Self contained skid-mount unit: 36" tall x 36" deep x 71" long

POWERFUL Titanium chiller has an optimal water flow path for maximum heat exchange and minimal debris catch points.

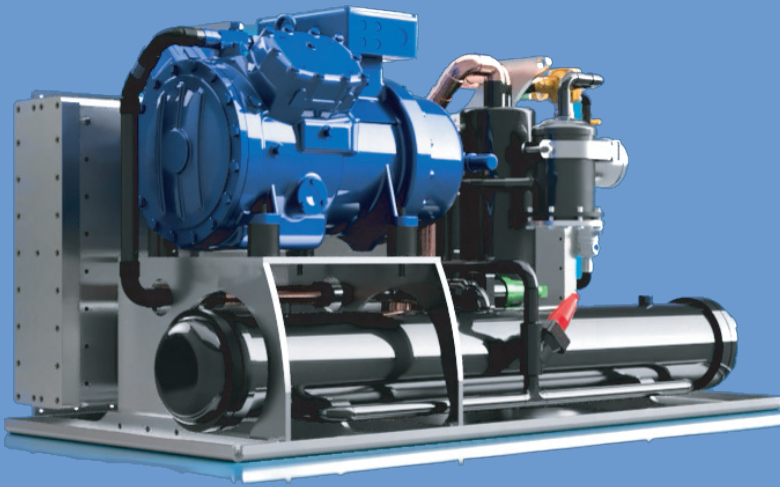
DURABLE The chiller tubes, heads, and tube sheets are all titanium, ensuring that it has the longest possible lifespan with the best corrosion resistance available.

Constructed on a stainless steel base and tower, for superior corrosion resistance and vibration control.

EASY TO CLEAN AND SERVICE

The stainless steel chiller shell promotes easy cleaning and maintenance with a removable backplate and clean-out ports.

Unit is constructed with robust industrial style service valves that are wrench repairable. Ease of serviceability was a primary consideration in every aspect of this design, whether in choice of valves used in construction or placement of components for easy oil and filter changes.



This 50 HP electric unit offers a power to size ratio that makes it the most compact, efficient unit on the market, where efficiency is measured in cubic ft of area in relationship to heat exchange capacity size.

It is available with variable speed control options to maximize compressor to evaporator capacity or to control power consumption by reducing start stop operations while maintaining the highest degree of temp control.

It comes with an electronic thermal expansion valve and integrated control to optimize performance at all temperatures, without the need for manual adjustment or the need for multiple mechanical thermal expansion valves.

50 HP TECHNICAL DATA

Nominal Tons	Chiller	Compressor model	Condenser	Dimensions	Water flow gpm	Temp change per pass at 33	Temp change per pass at 55
65	MRS BC240-48-4-6	Frascold Z50-185Y	Standard MHX1205A2 (67)	36x36x71	900	1.17	2.35