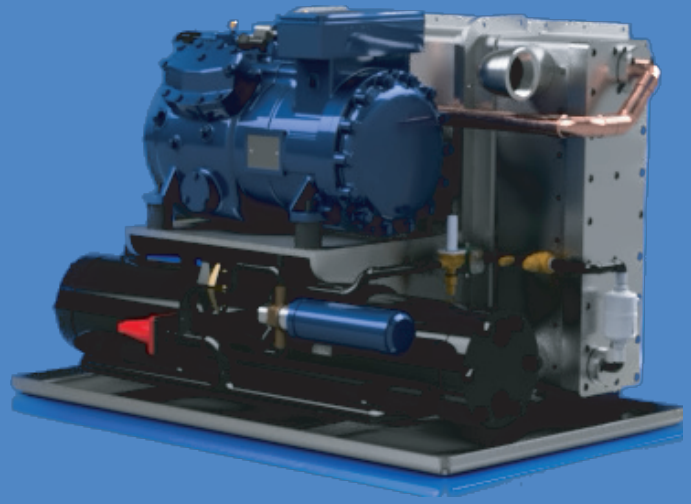


M.R. Solutions

10 HP Electric Titanium Refrigerated Sea Water (RSW)



FEATURES:

Easy to service

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.

Long lasting

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

Optimal water flow

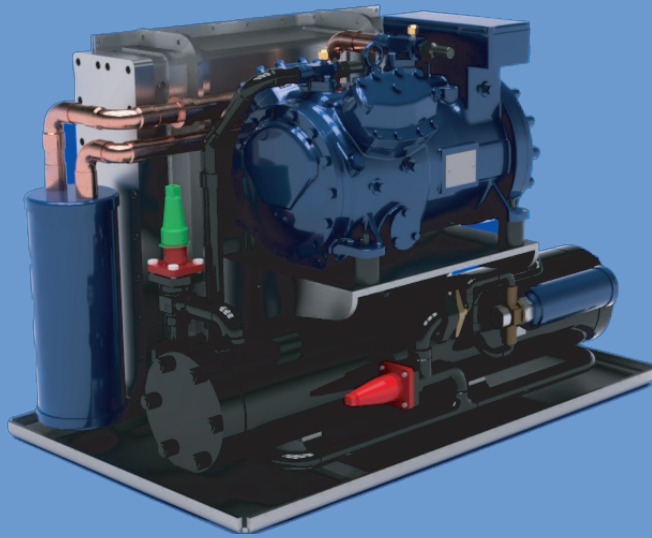
Chiller collects minimal debris due to its unique design and best possible use of water flow characteristics.

Unique base

Base design facilitates easy shrouding (enclosures) of unit and the ability to stack if desired. The base tray contains and enables easy clean up of condensation.

Advanced control system

Controller offers the highest degree of protection in its class with anti-slug safeties built in to protect your compressor. The temperature and pressure displays are switchable to both metric and imperial.

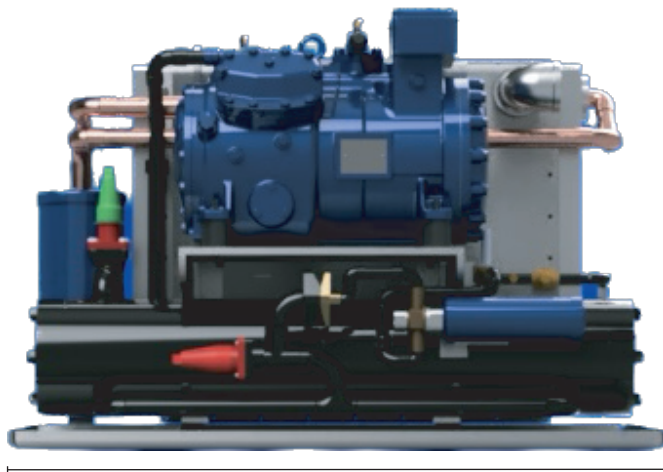


This 10 HP electric unit offers a power to size ratio that makes it the most compact, efficient unit on the market, where efficiency is measured in cubic ft of area in relationship to heat exchange capacity size.

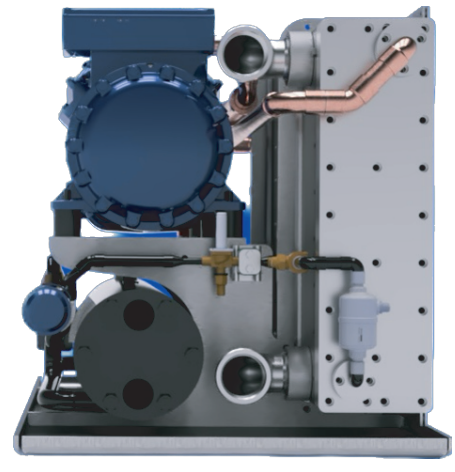
It is available with variable speed control options to maximize compressor to evaporator capacity or to control power consumption by reducing start stop operations while maintaining the highest degree of temp control.

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.

This unit is capable of heating and cooling operations, by way of switching the controlled water through the condenser and the raw water through the evaporator. Unique controls will optimize capacity for conditions.



36"



22"

24"

10 HP ELECTRIC TITANIUM RSW

Chiller	Nominal HP	Compressor model	Condenser	Dimensions	Water flow gpm
M3080-24-8-2	10	FRASCOLD Q10-39Y	MSE750Z	24x22x36	120

Ambient water 53°F	KW	Amp draw 208/3PH	BTU/H	°F change/pass	LPM
Capacity @ 33°F (11°C change)	8	29.0	91,000	1.6	11.5
Capacity @ 40°F (7°C change)	8	29.8	120,000	2.1	23.3
Capacity @ 50°F (3°C change)	9	30.7	142,000	2.5	59.7

ADDITIONAL NOTES:

TO FULLY COMPLETE INSTALL, THIS UNIT WILL NEED ELECTRIC SUPPORT SYSTEMS AND WATER PUMPS.

CHILLER WATER PLUMBING CONNECTIONS ARE 2" FNPT.
CONDENSER WATER CONNECTIONS ARE 1 1/4" FNPT.

WATER FLOW FOR THE CHILLER IS DESIGNED FOR A MINIMUM OF 120 GPM.

FOR MORE INSTALLATION DETAILS, CONTACT US.