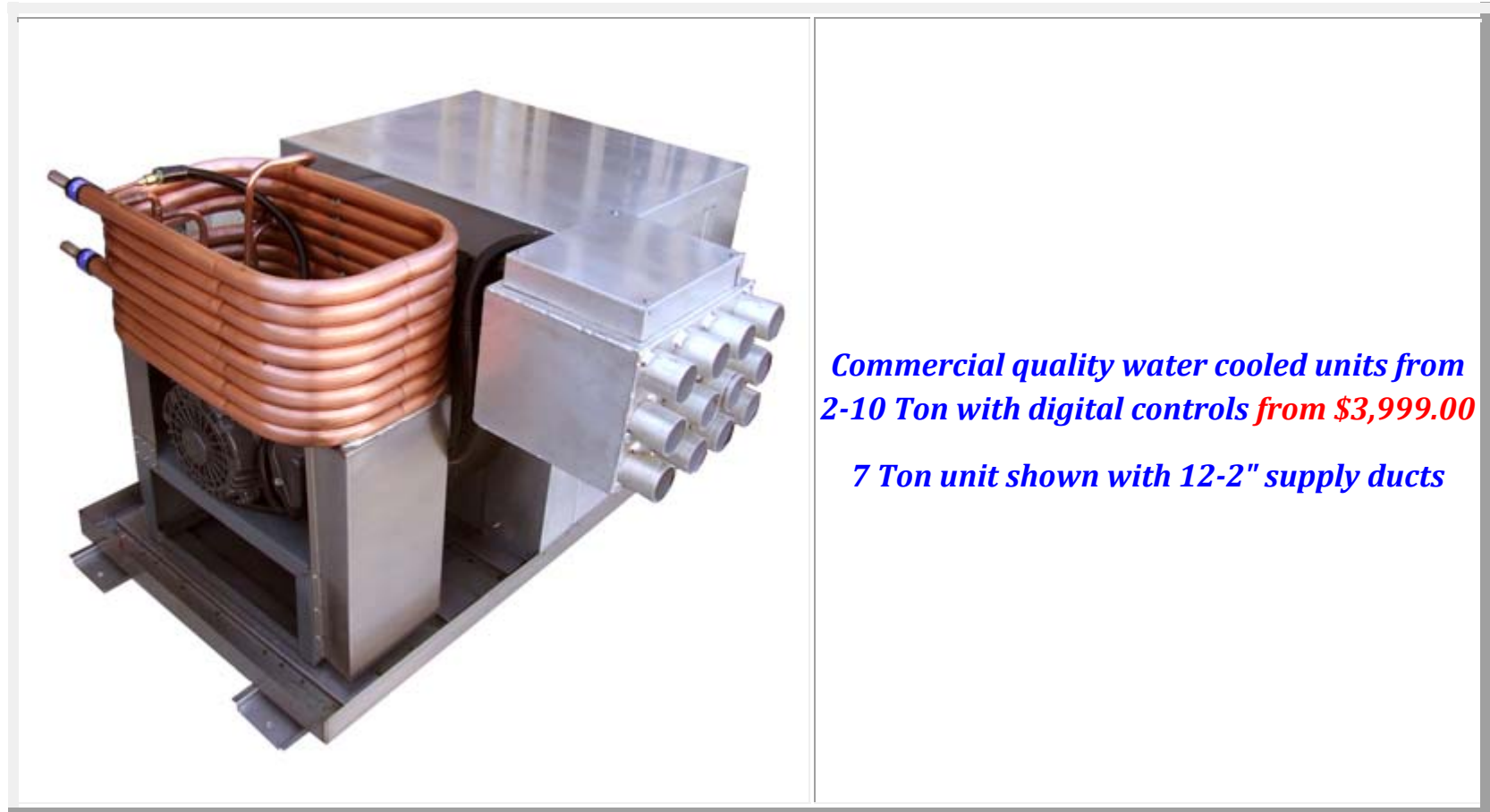




High Pressure Marine Air Conditioning Systems

Specifications and Factory Direct Prices



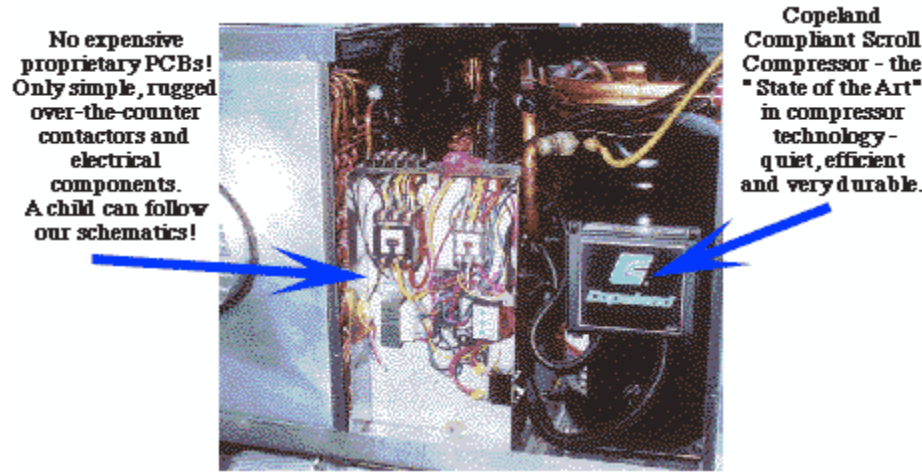
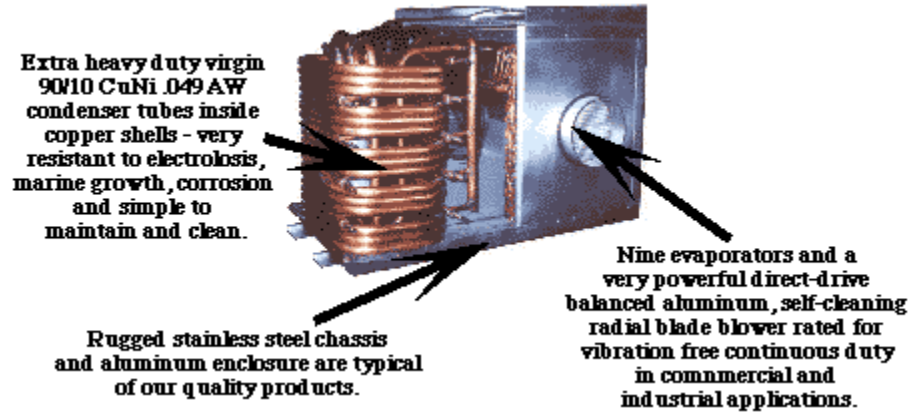
Commercial quality water cooled units from 2-10 Ton with digital controls from \$3,999.00

7 Ton unit shown with 12-2" supply ducts

Primarily used on workboats, larger vessels, ships and aircraft, high-pressure systems eliminate the need to run water and condensate lines throughout the vessel which greatly reduces the installation expense, although you do lose independent temperature control in the individual spaces.

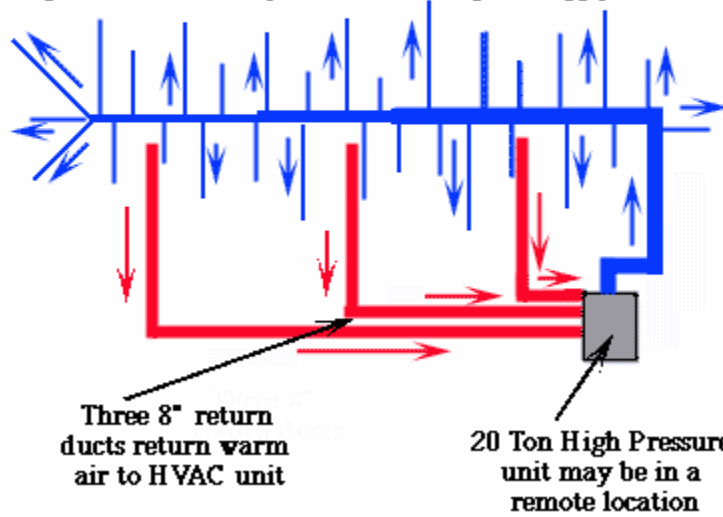
The conditioned air is compressed and transported throughout the vessel in relatively small diameter tubing to the different locations which may be quite distant from the air conditioning unit. Because the compressed air is warmer than uncompressed air, insulated ducting/tubing is usually not necessary - the air drops to design temperature only when it finally reaches atmospheric pressure in the individual cabins.

Shown below is a 20 Ton, vertical discharge unit:



Typical Ducting Plan for a 20 Ton High Pressure System

One 12" supply line (alternate could be multiple smaller lines) drops down in size as needed to maintain pressure. The individual cabins typically have a 1" supply line, and larger common areas may have 2-4" or multiple 1" supply lines.



Approximate Specifications

Model	BTUs of cooling	KW of electric heat	Length in inches	Width in inches	Height in inches	Amps (cool)	Amps (heat)	Weight pounds
FMAC2HPS	24,000	4	26	20	24	15@230/1	4KW	225
FMAC3HPS	36,000	4	26	24	26	24@230/1	4KW	250
FMAC4HPS	48,000	6	26	24	28	29@230/1	6-8KW	275
FMAC5HPS	60,000	8	26	24	28	35@230/1	6-8KW	325
FMAC7HPS	84,000	10	26	24	32	21@230/3	5-10KW	390
FMAC10HPS	120,000	16	44	34	32	37@230/3	10-15KW	460

Higher voltages and 50Hz available for an additional fee. Return air ducting usually necessary depending on unit location. Discharge ducting can be from 1" - 4" multiple ducts or a single 6-10" duct. Add about 12" to the overall height for a vertical discharge or length for a side discharge unit - about the same in width and length for return ducting if needed.

Factory Direct Sales and Dealer Prices

Suggested Retail Price- add 25%

No sales tax unless shipped to a Florida address!

Model	BTUs A/C	Unit with Digital Control Only	Optional Incoloy Clad Electric Heat
FMAC2HPS	24,000 (2 Ton)	\$3,999.00	\$375.00
FMAC3HPS	36,000 (3 Ton)	\$4,259.00	\$375.00
FMAC4HPS	48,000 (4Ton)	\$6,770.00	\$375.00
FMAC5HPS	60,000 (5 Ton)	\$7,770.00	\$549.00
FMAC7HPS	84,000 (7 Ton)	\$9,362.00	\$599.00
FMAC10HPS	120,000 (10 Ton)	\$13,014.00	\$999.00

All prices FOB Stuart, Florida. All equipment shipped to a Florida location are subject to a 6.5% sales tax unless we have an original sales tax exemption certificate on file at our offices.

Site Map:

 <p>Air Cooled Systems & Explosion Proof Systems Prices and Specifications</p>	 <p>Self-Contained Systems Prices and Specifications</p>	 <p>Chilled Water Systems Prices and Specifications</p>
 <p>Marine pumps</p>	 <p>Air Cooled Rooftop AC Systems by Coleman/Mach</p>	 <p>High-Pressure Systems (for ships and large commercial vessels) Prices and Specifications</p>
 <p>Fernstrum Keel Coolers & Heat Exchangers</p>	 <p>Best Prices on Carrier Equipment!</p>	 <p>Heat-Only Systems Prices and Specifications</p>
<p>Reverse cycle heat vs Electric heat</p>	<p>Properly size your boat BEFORE you charge ahead!</p>	<p>Multiple Unit Installations</p>

Flagship digital control	Flagship Installation kits	Different types of systems
12-24 Volt DC Systems	Installation do's and don'ts	Commercial operators
Mfg. comparison	Fresh Water Cooling	Cruisers spare parts kit

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