



Available Design Features

- 10, 15, 30, 45, & 60 HP MODULES
- STAND ALONE OR CONNECTABLE TO 540 HP
- WATER OR REMOTE AIR-COOLED CONDENSERS
- ULTRA-COMPACT DESIGN FOR EASY INSTALLATION
- STAINLESS STEEL AND ALUMINUM CONSTRUCTION
- HIGH EFFICIENCY INDUSTRIAL SCROLL COMPRESSORS
- COIL IN SHELL EVAPORATORS RESIST PLUGGING
- ONBOARD SAFETY AND OPERATING CONTROLS
- SINGLE POINT ELECTRICAL CONNECTION
- PLUG AND PLAY TANKS, PUMPS, AND CONTROLS
- PIPING MANIFOLD KITS TO 8"
- COMPLETE COMPONENT ACCESS FROM FRONT

*"The **CM** series is designed to provide a modular and scalable solution to your cooling needs. The **CM** series is configured in 10, 15, 30, 45, and 60 HP modules that may stand alone or be interconnected. Each **CM** series module is designed to easily fit through a standard 36" door and on most elevators. Each module is complete with operating and safety controls."*

Standard Features

- Staged operating and safety controls
- Power alarm/indicator lights
- Six-point digital temperature display
- Oil filled refrigerant pressure gauges
- Plug and freeze resistant heat exchangers
- Filter drier, sight glass, & TXV
- Compressors with integral accumulator
- Compressors with isolation valves
- Complete component access from front
- Laser engraved placards and electrical

Available Options

- Piping manifold kit
- Plug and play reservoir tank
- Plug and play pump package
- Electrical distribution panel and enclosure
- MCS operating system, LON/BAC
- PLC operating system
- Color touch screen display
- Heavy duty mounting skid package
- Voltage/ phase protector
- Flow switch (per module or system)
- Flow meter (turbine style)
- Integrated ON/OFF actuators
- Condenser water regulating valve
- Compressor noise attenuation enclosure

Modular Water Cooled Chiller							
Model	Physical Dimensions	Capacity @ 85°F LCWT (1,000's BTUH)			Water Connection	Unit MCA (460/3/60)	Shipping Weight
		35°F LCT	45°F LCT	55°F LCT			
CM-10-W	20" L x 24" W x 60" H	97	119	144	1-1/4"	20	430 lbs.
CM-15-W	20" L x 30" W x 65" H	143	177	214	1-1/2"	30	640 lbs.
CM-30-W	35" L x 32" W x 65" H	286	353	427	2"	50	1300 lbs.
CM-45-W	50" L x 32" W x 65" H	430	538	641	2-1/2"	80	1900 lbs.
CM-60-W	68" L x 32" W x 65" H	573	706	855	3"	100	2500 lbs.

Modular Air Cooled Chiller For use with the ACC Series							
Model	Physical Dimensions	Capacity @ 95°F Ambient (1,000's BTUH)			Water Connection	Unit MCA (460V/3/60)	Shipping Weight
		35°F LCT	45°F LCT	55°F LCT			
CM-10-R	20" L x 24" W x 40" H	89	110	133	1-1/4"	20	325 lbs.
CM-15-R	20" L x 30" W x 46" H	131	162	197	1-1/2"	30	495 lbs.
CM-30-R	35" L x 32" W x 46" H	261	323	393	2"	60	9,85 lbs.
CM-45-R	50" L x 32" W x 46" H	392	485	590	2-1/2"	90	1,475 lbs.
CM-60-R	68" L x 32" W x 46" H	522	647	787	3"	110	1,970 lbs.

Remote Air Cooled Condenser For use with M-R Series Indoor and Outdoor						
Model	Physical Dimension	Condensing Capacity @ 95°F Ambient (1,000's BTUH)	Liquid/ Discharge Connection	Unit MCA (460V/3/60)	Shipping Weight	
ACC-10	48" L x 32" W 30" H	165	5/8" / 7/8"	6	300 lbs.	
ACC-15	64" L x 39" W 40" H	245	7/8" / 1-1/8"	6	385 lbs.	
ACC-30	72" L x 72" W 40" H	490	1-1/8" / 1-5/8"	11	675 lbs.	
ACC-45	84" L x 84" W 40" H	740	1-3/8" / 2-1/8"	11	990 lbs.	
ACC-60	96" L x 96" W 40" H	985	1-5/8" / 2-1/8"	16	1,275 lbs.	

Layout and Design Assistance:

Chiller Solutions 3D design program allows for simple arrangement of the CM series chillers and integrated options with minimal time and effort. This assistance allows the installation to be ideally fit into each application. Chiller Solutions provides a complete bill of materials, quotation, and CAD drawings for the application in a short amount of time.

