



Design Features



- 5 HP TO 30 HP STANDARD PACKAGED DESIGNS
- CONNECTABLE PACKAGES TO 300 HP
- RANGE FROM -10° F TO -60° F COOLANT TEMP
- LARGE STAINLESS STEEL RESERVOIR TANK
- SYSTEM PUMP & BYPASS PUMP
- STANDARD OPERATING AND SAFETY CONTROLS
- PACKAGED AIR OR WATER COOLED OR REMOTE
- BREAKERS AND MOTOR PROTECTORS– (NO FUSES)
- REMOVABLE PANELS FOR EASY SERVICE ACCESS
- EXTREME DUTY STAINLESS STEEL FAN SHROUD
- MODULATING CONDENSER FAN AND COMPOSITE PROP
- VENTILATED CONTROL CABINET
- INDOOR/ OUTDOOR OPERATION

The CLM series is designed to provide a packaged low temperature chiller solution to your process needs. This fully packaged system includes a robust and high efficiency refrigeration circuit which includes a two stage semi-hermetic reciprocating industrial compressor. The integrated tank, pump, and controls make set up and operation of the chiller easy and reliable.

Standard Features

- Industrial two-stage compound compressor
- Filter drier, sight glass, TXV, and evaporator
- Modulating condenser fan with composite prop
- Insulated 15 PSI stainless steel storage tank
- Tank sight glass, relief valve, air vent, and fill
- System pump with integrated bypass circuit
- Electro-mechanical simple controls
- Door mounted disconnect switch
- Oil filled refrigerant pressure gauges
- 6-point digital temperature display
- Laser engraved placards and diagrams
- UL-508 Electrical

Available Options

- System pump pressure bypass valve
- Mounted Casters
- Vibration isolation floor mounts
- Auto-fill tank
- Tank level alarm/switch
- Stainless steel panels and hardware
- Variable speed system pump
- Voltage/ phase protector
- Flow switch (per module or system)
- Integrated ON/OFF actuators
- Remote operating/monitoring panel
- Hot gas by-pass



Low Temperature Air Cooled Chiller								
Model	Physical Dimensions	Capacity @ 95°F Ambient (1,000's BTUH)			Supply/ Return Pipe Size	Condenser CFM	Shipping Weight	Suggested Fuse Size (460/3/60)
		-10°F LCT	-25°F LCT	-40°F LCT				
CLM-5-A	56"L x 32" W x 62"H	31	22	16	1-1/2"	5,200	900 lbs.	20
CLM-8-A	56"L x 32" W x 62"H	43	32	22	1-1/2"	8,000	1,000 lbs.	40
CLM-12-A	64"L x 39" W x 72"H	66	50	36	2"	12,000	1,350 lbs.	60
CLM-16-A	64"L x 39" W x 76"H	93	71	52	2"	20,000	1,550 lbs.	60
CLM-20-A	64"L x 39" W x 76"H	107	81	60	3"	28,000	1,650 lbs.	80
CLM-25-A	72"L x 72"W x 80"H	122	93	68	3"	40,000	3,250 lbs.	100
CLM-30-A	8' L x 84" W x 90" H	144	110	81	3"	48,000	3,450 lbs.	110
CLM-40-A	8' L x 84" W x 90" H	214	163	119	3"	56,000	3,550 lbs.	150

Low Temperature Water Cooled Chiller								
Model	Physical Dimensions	Capacity @ 85°F WT (1,000's BTUH)			Supply/ Return Pipe Size	Condenser Water Pipe Size	Shipping Weight	Suggested Fuse Size (460/3/60)
		-10°F LCT	-30°F LCT	-50°F LCT				
CLM-5-W	56"L x 32" W x 62"H	32	23	17	1-1/2"	1"	900 lbs.	20
CLM-8-W	56"L x 32" W x 62"H	46	33	24	1-1/2"	1-1/4"	1,000 lbs.	30
CLM-12-W	64"L x 39" W x 72"H	70	53	38	2"	2"	1,350 lbs.	50
CLM-16-W	64"L x 39" W x 76"H	99	75	55	2"	2-1/2"	1,550 lbs.	60
CLM-20-W	64"L x 39" W x 76"H	114	87	63	3"	2-1/2"	1,650 lbs.	80
CLM-25-W	72"L x 72"W x 80"H	130	99	72	3"	2-1/2"	3,250 lbs.	90
CLM-30-W	8' L x 84" W x 90" H	154	118	86	3"	2-1/2"	3,450 lbs.	110
CLM-40-W	8' L x 84" W x 90" H	228	174	126	3"	2-1/2"	3,550 lbs.	140

Consult Factory for Larger Capacity

Layout and Design Assistance:

Chiller Solutions 3D design program allows for simple arrangement of the CLM 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.

