

CW-30M Features



Proven reliability since

1986

Quiet and compact, yet powerful enough to cool a properly insulated space (R20) as large as

2,000 ft³

CSA certified to Canadian and US standards



Quality of Construction

- / Proven reliability since 1986
- / Embossed heavy gauge aluminum enclosure
- / Stainless steel fasteners
- / Designed to commercial standards
- / Insulated double wall construction for high efficiency and quiet operation

Quality of Construction

- / Evaporator: industrial tube thickness; dip-coated to resist pitting (7-step ElectroFin process)
- / Robust German engineered hermetic compressor with internal/ external vibration isolators
- / Oversized cupro-nickel coaxial condenser for efficient heat transfer and superior resistance to chlorinated water supplies
- / German engineered and constructed scroll cage blower; quiet and maintenance free
- / Pressure activated water valve for automatic water flow regulation ensures high efficiency and water conservation
- / Stainless steel expansion valve automatically regulates refrigerant flow to maximize efficiency while minimizing dehumidification

Safety

- / CSA certified to Canadian and US standards
- / Extensive QC testing including 24-hour pressure test
- / Environmentally friendly R134a refrigerant
- / High / low pressure safety control disables unit (preventing compressor failure) if operating pressures fall below or exceed pre-set limits
- / Internal self resetting temperature switch disables unit if the compressor cavity exceeds normal operating temperature

Thoughtful Design

- / Internal condensate pump eliminates the need for a gravity drain; equipped with a safety switch that prevents equipment operation if pump fails
- / Non-marking rubber isolators minimize vibration and sound transfer
- / Wired remote digital thermostat for accurate wine cellar temperature control complete with on/off switch
- / Refrigerant filter dryer protects the refrigerant system keeping it operating optimally

Can be used with closed loop condenser water, chilled water or geothermal systems with water temperatures as high as

95°F

Extensive QC testing including

24-hr
pressure test

Versatile

- / Quiet and compact, yet powerful enough to cool a properly insulated space (R20) as large as 2000 cubic feet
- / Can be installed within millwork or adjacent to the treated space
- / Available in seven airflow configurations (AA configuration shown)
- / Can be used with closed loop condenser water, chilled water or geothermal systems with water temperatures as high as 95°F; can also be used with domestic cold water (while flow is internally regulated to ensure water conservation, it is best that the local authority having jurisdiction be consulted to see if there are any local restrictions to the use of domestic cold water)

Serviceable

- / Removable panels provide easy access for any servicing requirements
- / Refrigerant sight glass for visual diagnostics of system operation
- / Refrigerant access fittings on high and low sides of the compressor

Ease of Installation

- / Self contained refrigeration system – refrigeration technician is not required
- / No air venting or wall openings required (if installed within the treated space)
- / Electrician not required to hard wire power to equipment; unit plugs into a standard (120 VAC) receptacle (15 amp dedicated circuit)