



COOL AIR™ RENTALS LTD

CHILLED WATER PUMP

25HP and 30HP



These versatile portable pumps are a great add-on to any chilled water loop when extra push is needed. We can daisy chain them electrically from the main cooling unit, and the camlock fluid connections allow for the pump to be inserted at any point along the distribution system. Optional rain hoods waterproof this pump, allowing these units to be situated anywhere.

Features:

- 4" camlock connections allow for simple connection to your building loop
- Positioning is simple – roll, forklift, or hoist into place
- Requires either 208 or 460 volt power, units are convertible to either voltage

Applications:

- HVAC Retrofits and System Upgrades
- Chiller Replacements
- Construction Sites



The primary and back-up chilled water pumps for this 20-storey office tower failed within one week of each other. The quick succession of failures meant the HVAC contractor didn't have the primary pump replaced in time, and once the back-up pump failed, the building was left without any cooling circulation. We got an urgent call and had the solution in place and operational by the next morning.



This chiller supplied temporary cooling to the main tower at Vancouver City Hall. The static pressure in the main lines was more than the on-board chiller pump could overcome. By adding this 30 HP pump into the circuit, we were able to move the cooling fluid throughout the building.



We provided a chiller package to manage the vast amount of heat generated during the curing process of this large concrete pour. Our pump circulated water through almost 8km of 1" PEX tubing that was attached to the reinforcing steel of this raft slab. We managed the project on a daily basis until the internal heat dissipated and the design conditions deep inside the slab were achieved.

REAL COOL. REAL FAST.

CHILLED WATER PUMP

25 and 30 HP (CWP30H43)

PUMP		PHYSICAL	
Capacity - Horsepower	30	Type	Closed Coupled End Suction Pump
Capacity - Flow - GPM	1,100	Controls	Local - hand or auto
Capacity - Head Pressure	70 feet	Fluid Temp	275°F max 140°C max
Medium	water	Pump Inlet- Size	4"
ELECTRICAL (Three options, please specify prior to delivery)		Pump Discharge - Size	4"
Voltage	208/230/460 volts	Flange Size	10", pipe 4"
Phase	3	Fitting Type - Inlet	4" camlock female
Breaker Size for Feeder	100A max @ 208V / 50A max @ 460V	Fitting Type - Discharge	4" camlock male
Current Draw	76/72/36 amps	Caster Type	4" Swivel Twervo
POWER		Dimensions - W	54" 137 cm
Panel Mount	4 single Cam-Lok inlets on Control Cabinet (Series 18)	Dimensions - D	33" 84 cm
Power Cord Wire Size	#2 AWG single conductor C-Way	Dimensions - H w/o Casters	40" 102 cm
		Dimensions- H w/ Casters	47" 119 cm
		Weight	950 lbs 430 kg

**** Note: Different electrical packages for 208V, 230V and 460V**



ROLL IN

Heavy duty casters and good mobility make locating these units a breeze. Wheel assemblies are removable for forklift or crane placement.



PLUG IN

Flexible 4" chiller hose carries water or a glycol/water mix to your building's dedicated loop.



TURN ON

These powerful electric pumps can be converted between 208 volt or 460 volt power. Cam-Lok cord ends allow for easy plug and go.

CWP30H43-0120

We also rent portable air conditioning units, fans, air movers, and industrial strength heating units. Visit www.cool-air.com for our full line of rental equipment.

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