



COOL AIR™
RENTALS LTD

AIR COOLED INDUSTRIAL CHILLER 30 Ton 208 Volt



This relatively compact chiller is a great solution when you have a smaller heat or process load that you need dealt with. Match it up with our 30 ton air handler and you have a very efficient closed loop. Even standing alone and tackling a heat load that was previously a problem, this star performer really shines. When tricky building conditions make cooling difficult, this is one of the most effective options to get the cooling you need.

Features:

- Internal pump
- By-pass feature for external pump connection
- Variable load 7.5 to 30 tons
- Positioning is simple; roll, forklift or hoist into place
- Requires 208 volt three phase power

Applications:

- Healthcare
- Manufacturing
- Film Studios
- Large Commercial Buildings



When temperatures inside this manufacturing facility began to affect productivity levels, this 30 ton chiller and our matching 30 ton air handler were brought in to restore temperatures inside the plant to acceptable levels. Once the conditions improved, so did morale and output. When fall weather brought cooler outdoor temperatures, we removed our gear.



During the middle of a winter season, this unit was used as part of a complex system to quickly cool down batches of soup to a temperature safe enough to package. Without our chiller, the factory would have needed to wait until the soup cooled naturally; significantly less efficient.



This 30 ton chiller was located outside a film stage. Relatively small and compact, it was quiet enough to run when they were recording sound. A closed loop of hose connected the chiller to one of our air-handling units inside. Flexible ducting easily directed the conditioned air to wherever it was needed.

REAL COOL. REAL FAST.

AIR COOLED INDUSTRIAL CHILLER - 30 Ton (ACC030)

COOLING		OPERATIONAL LIMITS		MIN	MAX
Capacity	360000		Leaving Water Temp F	40	70
Refrigerant Circuits	1		Leaving Water Temp C	4.4	21.1
Ambient Operating Range	0 to 115 F	-17.8 to +46.1 C	Return Water Temp F	40	70
Chilled Water Setpoint	45 to 55 F	+7.2 to +12.8 C	Return Water Temp C	4.4	21.1
			Leaving Glycol Temp F	10	70
			Leaving Glycol Temp C	-12.2	21.1
			Return Glycol Temp F	10	70
			Return Glycol Temp C	-12.2	21.1
			Voltage 208/3/60	190	230
			Air on Condenser F	0	125
			Air on Condenser C	-17	51.7
			Evaporator Flow GPM US	34	150
			Evaporator Flow L/s	2.2	9.5
			Freeze Protection	Max-20 F or -28 C	
ELECTRICAL		PHYSICAL			
Voltage	208		Model	YCAL0033	
Phase	Three		Controls	Millennium Control Ctr.	
Breaker Size	175		Dimensions- Width	50"	127cm
Current Draw RLA	108		Dimensions- Depth	133"	338cm
Minimum Circuit MCA	Min 135 - Max 150		Dimensions- Height	57"	144cm
Plug	Series 16 Cam-Lok inlets		Width w/ Casters	52"	131cm
			Depth w/ Casters	135"	342cm
			Height w/ Casters	63"	161cm
			Weight	3160lbs	1434kg
			Forklift Pockets	4" x 8"	100 x 203mm
EVAPORATOR					
Fluid Connections	2" Camlok from 2" Gruvlok				
Max. Water Side Pressure	150 PSI				
Evaporator Volume	3.2				

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



Convenient Cam-Lok connections make it easy to connect to 208 volt power and get the unit running fast.

TURN ON



Easy to follow touch screen controls allow you to tailor make how you operate this unit. Operating conditions are continuously displayed.

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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