



COOL AIR™
RENTALS LTD

AIR COOLED INDUSTRIAL CHILLER

100 TON



Chiller Features:

- R-410
- Voltage code - (460/3/60)
- Across the line start
- SP NF disc switch
- Control transformer
- Both suction & discharge pressure readout kit
- North American safety code (cETL)
- Compressor crankcase heater
- Differential pressure switch
- ASME pressure vessel & associated codes
- Pre-coated fin condenser coil
- Wire enclosure panels (condenser only)
- Low sound fans
- Differential pressure switch with flow safety interlock
- Hot gas-by-pass
- Low ambient operation (down to 0°F)

Package Features:

- Steel tubular skid with forklift pockets
- 4" butterfly valve (inlet / outlet)
- 120V-15A convenience outlet
- 120V extension cord shore power option

Applications:

- Oil & Gas
- Manufacturing
- Film Studios
- Large Commercial Buildings

REAL COOL. REAL FAST.

AIR COOLED INDUSTRIAL CHILLER

100 TON (ACC100H43)

COOLING

Capacity	1,200,000 BTU
Capacity - Cooling	100 ton
Refrigerant Circuits	2
Ambient Operating Range	0 to 125 °F -17 to 52 °C
Chilled Water Setpoint	40 to 55 °F 4.5 to 13 °C

ELECTRICAL

Voltage	460
Phase	Three
Breaker Size	300 Amps
Current Draw RLA	228 Amps
Minimum Circuit Amps	242 Amps
Plug	Series 16 Cam Lok Inlets

EVAPORATOR

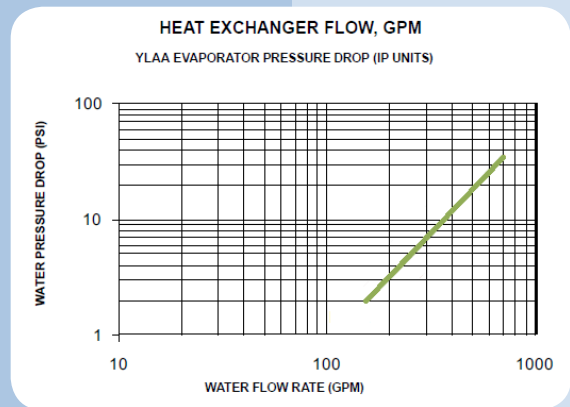
Fluid Connections	4" Grooved
Maximum Water	150 PSIG
Side Pressure	
Evaporator Volume	8.8 gal 33.3 L

OPERATIONAL LIMITS

	MIN	MAX
Leaving Water Temp °F	40	55
Leaving Water Temp °C	4.4	12.8
Voltage 460/3/60	414	506
Air on Condenser °F	0	125
Air on Condenser °C	-17.7	51.7
Evaporator Flow GPM US	100	385
Evaporator Flow L/s	6.3	24.2

PHYSICAL

Model	YCAL0100SE	
Controls	York Millenium Control Centre	
Dimensions - Width	8'-1"	246 cm
Dimensions - Depth	13'-5"	409 cm
Dimensions - Height	8'-8"	264 cm
Weight	6891 lbs	3126 kg
Forklift Pockets	4" x 10"	10 x 25 cm
Center on Center	44"	112 cm



We also rent industrial and 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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