



Mobile Air

207 Ton Portable Air Cooled Screw Chiller

Mobile Air Portable Air Cooled Screw Chiller packages are self-contained and specifically engineered to provide flexible, temporary chilled fluid for commercial and industrial air conditioning and process cooling applications. The chiller package is permanently mounted on a rugged steel tubular frame that can be easily maneuvered with a forklift. These on-board features allow for quick delivery and minimal installation time.

Chiller Features

- Standard efficiency, standard IPLV
- R-134a Refrigerant (fully charged)
- SP circuit breaker with lockable handle
- Control transformer
- Non-powered convenience outlet
- North American safety code (cUL)
- Service isolation valve (suction)
- Compressor heaters
- One differential pressure switch per chiller
- ASME pressure vessel & associated codes
- Pre-coated fin condenser coil, slit fins
- Louvered (condenser only) enclosure panels
- Low sound fans

Package Features

- 20 hp integral pump with bypass option
- Steel tubular skid with fork pockets (4" x 10"; 54" center on center)
- 4" Butterfly valve (inlet / outlet)
- 120V-15A Convenience outlet
- 120V Extension cord shore power option
- 4" strainer
- Flow switch, 4" suction diffuser

For more information contact:

Mobile Air

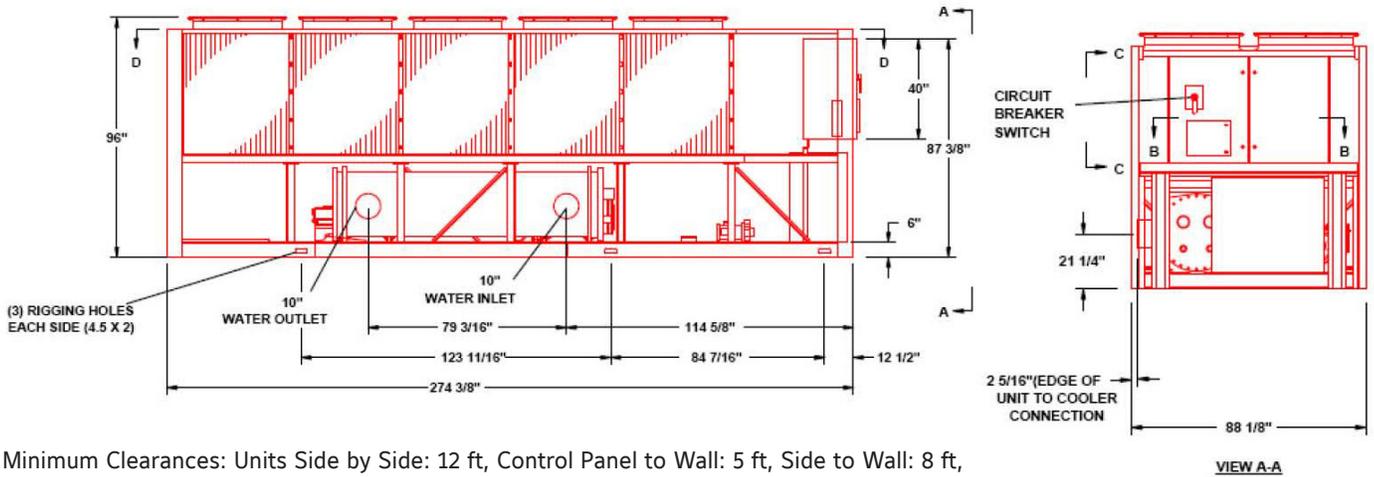
1-800-596-0800

www.mobileair.com



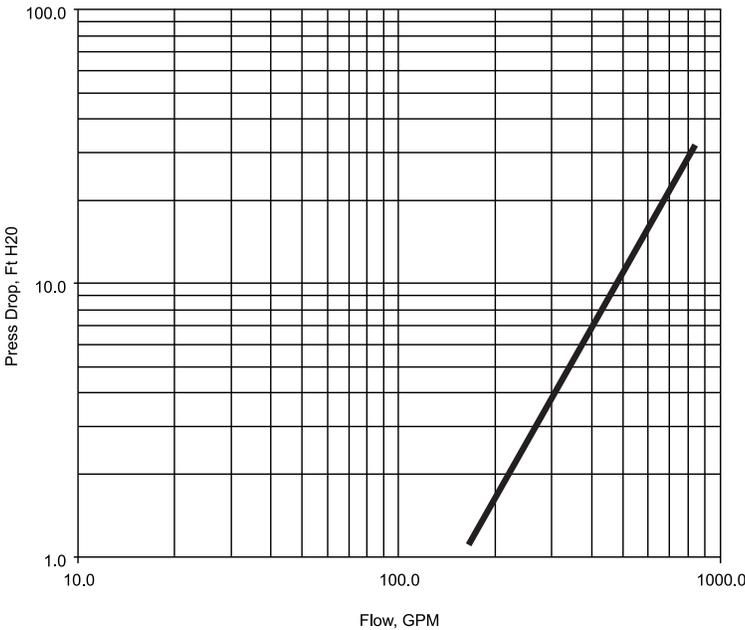
Quick delivery and minimal installation time when you need temporary cooling.

RENTAL CHILLER PACKAGE



Minimum Clearances: Units Side by Side: 12 ft, Control Panel to Wall: 5 ft, Side to Wall: 8 ft, Front to Wall: 8 ft. Install unit on flat level surface.

Cooler Water Pressure Drop



General

Chiller Model Number YCIV0207⁽¹⁾
 Ambient Operating Range 0-125°F
 Chilled Water Setpoint Limits 40-60°F
 Refrigerant Circuits 2
 Equipment Insurance Value \$190,000

⁽¹⁾ See Johnson Controls YCIV Engineering Guide for additional chiller specifications

Dimensions (Skid Mounted)

Length 22' 8"
 Width 7' 3"
 Height 8' 6"
 Total Weight 15,900 lbs

Electrical

Single Point Power Supply 460V / 3Ø / 60Hz
 Connections (1 per Ø) Series 16 Cam Type
 Running Load Amps 356A⁽²⁾
 Minimum Circuit Ampacity 397A⁽²⁾

⁽²⁾ Includes 20HP Pump (24A)

Evaporator Flow

Minimum 180 GPM
 Nominal 474 GPM
 Maximum 800 GPM
 Fluid Connections 4", Flanged
 Maximum Water Side Pressure 150 PSIG

Cooling Capacity (Tons)

Contact YRS for ratings as low as 0°F leaving brine.

LCWT (°F)	LBT (°F)	OUTDOOR AMBIENT (°F)			
		75	85	95	105
50		226.9	222.0	214.8	200.4
44		207.2	202.9	197.6	185.4
40		194.8	190.9	186.4	176.0

