



**Mobile Air**

## 360 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. Package includes integrally located pump matched specifically to range of operation, piping (with pump bypass), triple-duty valves, chilled fluid fittings and in-line water strainers. The chiller package is permanently mounted on an air ride trailer. These on-board features allow for quick delivery and minimal installation time.

### Chiller Features

- R-22 refrigerant (fully charged)
- Voltage code - (460/3/60)
- Wye (star) delta start
- Single point non-fused disconnect switch with separate sys circuit breakers
- Control transformer
- North American safety code (cUL)
- Service isolation valve (suction)
- ASME pressure vessel & associated codes
- Pre-coated fin condenser coil
- Low sound fans
- Louvered enclosure panels (condenser only)
- Flow switch with safety interlock

### Package Features

- 48' air-ride flatbed trailer
- 40 HP integral pump package (standalone/booster)
- Pump bypass option
- 8" strainer with pump & bypass option
- 6" triple-duty valve with pump & bypass option
- 120V-15A convenience outlet
- 120V extension cord shore power option
- Low temperature brine capabilities to 0°F (optional)

For more information contact:

**Mobile Air**

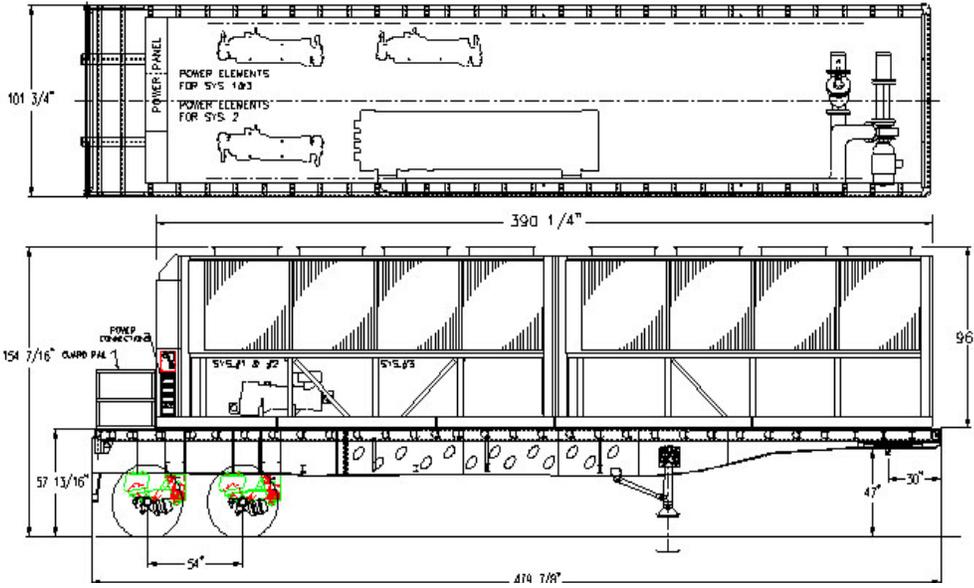
**1-800-596-0800**

[www.mobileair.com](http://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.

## General

- Chiller Model Number: YCAS0360<sup>(1)</sup>
- Ambient Operating Range: 0-115°F
- Chilled Water Setpoint Limits: 0-55°F
- Refrigerant Circuits: 4
- Equipment Insurance Value: \$300,000

<sup>(1)</sup> See YCAS Engineering Guide Form 201.18-EG1 (0401) for additional chiller specifications

## Dimensions (Trailer Mounted)

- Length: 48'
- Width: 8' 6"
- Height: 13' 6"
- Total weight (w/trailer): 39,072 lbs

## Electrical

- Single Point Power Supply: 460V / 3Ø / 60Hz
- Connections (2 per Ø): Series 16 Cam Type
- Running Load Amps: 694A<sup>(2)</sup>
- Minimum Circuit Ampacity: 735A<sup>(2)</sup>

<sup>(2)</sup> Includes 40 HP pump (45.7A)

## Evaporator Flow

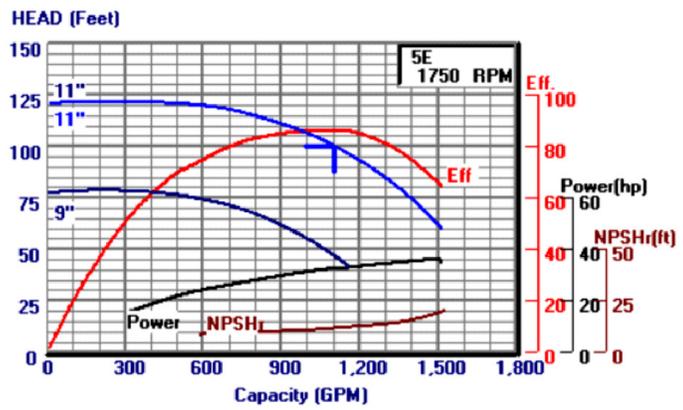
- Minimum: 300 GPM
- Nominal: 844 GPM
- Maximum: 1,060 GPM
- Fluid connections (ground level): 6", Grooved
- Maximum Water Sid Pressure: 150 PSIG
- Evaporator Volume: 150 Gallons

## Cooling Capacity (Tons)

Actual capacity subject to leaving temperature, fluid utilized, and ambient conditions.

LCWT (°F)	LBT (°F)	OUTDOOR AMBIENT (°F)			
		75	85	95	105
50		440	413	388	365
44		401	375	352	331
40		375	351	329	309
	35	341	319	299	281
Brine Required	30	297	277	259	243
	25	261	243	227	213

## Pump Performance



## Cooler Water Pressure Drop

