

# 80 Ton Portable Air Cooled Scroll Chiller



**Mobile Air**

Mobile Air Portable Air Cooled Scroll 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

- R-22 refrigerant
- Voltage code - (460/3/60)
- Across-the-line start
- SP NF disc switch
- Control transformer (fac)
- Low ambient operation (Down to 0F)
- Both suction and discharge pressure readout kits
- North American safety code (cETL)
- Compressor crankcase heater
- ASME pressure vessel & associated codes
- Pre-coated fin condenser coil
- Low sound fans
- Wired enclosure panels (condenser only)
- Differential pressure switch with flow safety interlock

## Package Features

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

For more information contact:

**Mobile Air**

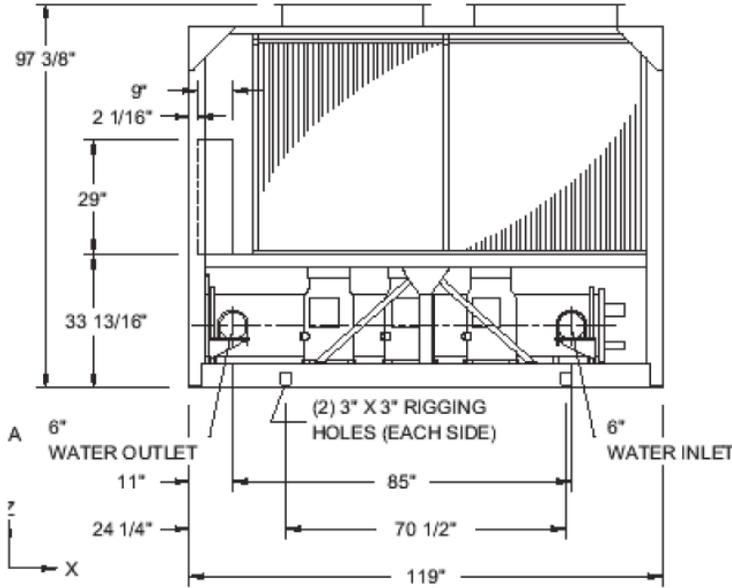
**1-800-596-0800**

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



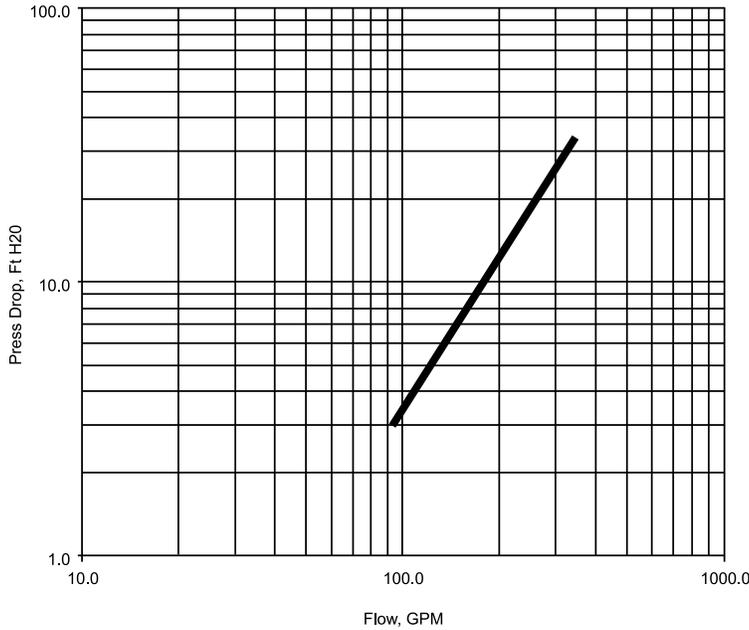
Quick delivery and minimal installation time when you need temporary cooling.

**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.

**Cooler Water Pressure Drop**



**General**

Chiller Model Number	YCAL0080 <sup>(1)</sup>
Ambient Operating Range	0-115°F
Chilled Water Setpoint Limits	40-55°F
Refrigerant Circuits	2
Equipment Insurance Value	\$73,000

<sup>(1)</sup> See YCAL Engineering Guide for additional chiller specifications

**Dimensions (Skid Mounted)**

Length	9' 11"
Width	7' 7"
Height	8' 2"
Total Weight (shipping)	5,619 lbs
Forklift Pockets	4" x 10"
Center on Center	54"

**Electrical**

Single Point Power Supply	460V / 3Ø / 60Hz
Connections (1 per Ø)	Series 16 Cam Type
Running Load Amps	159A
Minimum Circuit Ampacity	165A

**Evaporator Flow**

Minimum	100 GPM
Nominal	197 GPM
Maximum	400 GPM
Fluid Connections	4", Grooved
Maximum Water Side Pressure	150 PSIG
Evaporator Volume	29 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		100	95	91	86
44		91	87	82	78
40		85	81	77	72