



Mobile Air

# 125 Ton Portable Air Cooled Scroll Chiller

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 w/ ind sys CB
- Control transformer
- Low ambient operation (Down to 0F)
- Discharge pressure readout kit
- Suction pressure readout kit
- 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**

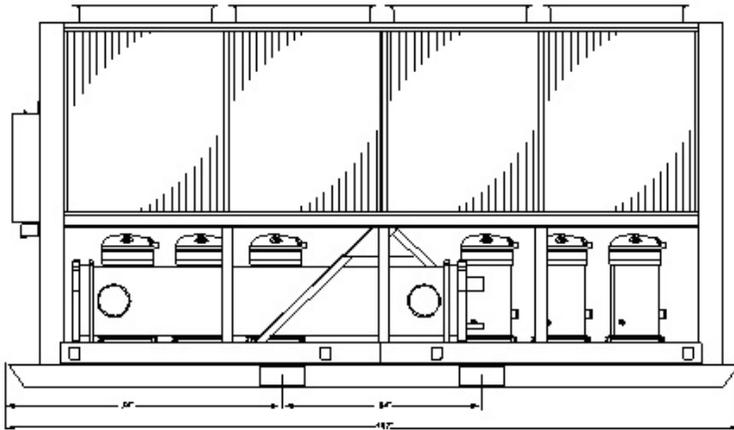
**1-800-596-0800**

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



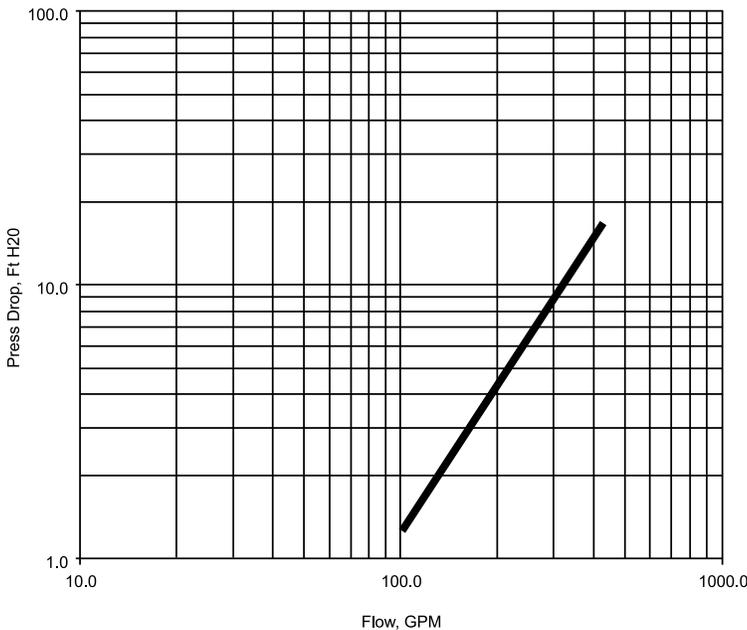
Quick delivery and minimal installation time when you need temporary cooling.

# 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

York Chiller Model Number	YCAL0124 <sup>(1)</sup>
Ambient Operating Range	0-115°F
Chilled Water Setpoint Limits	40-55°F
Refrigerant Circuits	2
Equipment Insurance Value	\$121,000

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

## Dimensions (Skid Mounted)

Length	16' 5"
Width	7' 10"
Height	8' 6"
Total Weight	10,350 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	224A
Minimum Circuit Ampacity	247A

## Evaporator Flow

Minimum	101 GPM
Nominal	290 GPM
Maximum	437 GPM
Fluid Connections	4", Grooved
Maximum Water Side Pressure	150 PSIG
Evaporator Volume	59 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		147	141	134	127
44		133	127	121	115
40		124	119	112	107
Brine Required	35	107	102	97	92
	30	98	93	89	84
	25	89	85	80	76