



Mobile Air

104 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 (fully charged)
- 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)
- Both suction and discharge pressure readout kits
- North American safety code (cETL)
- Service isolation valves
- Hot gas-by-pass
- Compressor crankcase heater
- Differential pressure switch with flow safety interlock
- ASME pressure vessel & associated codes
- Pre-coated fin condenser coil
- Louvered enclosure panels (condenser only)
- Low sound fans

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

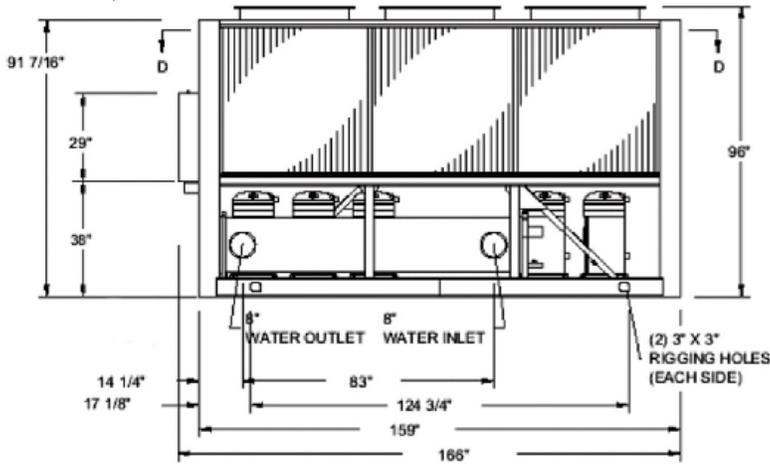
1-800-596-0800

www.mobileair.com



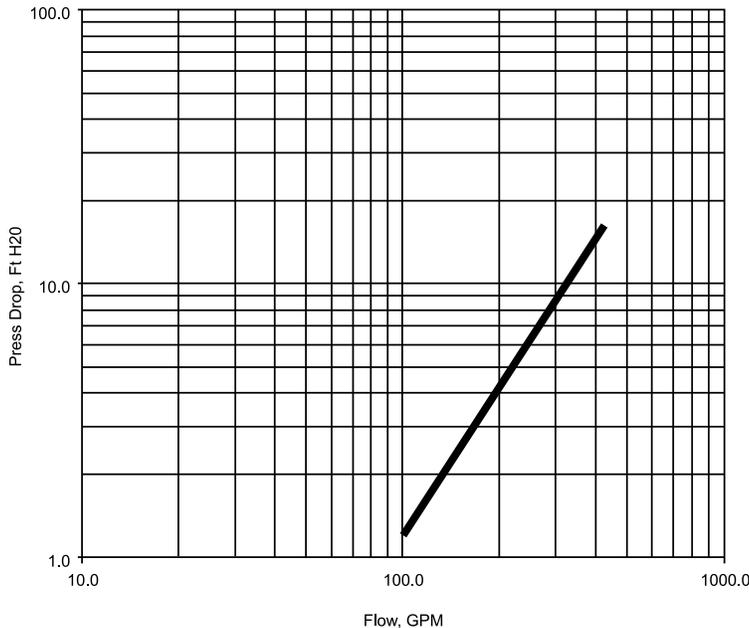
Quick delivery and minimal installation time when you need temporary cooling.

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	YCAL0104 ⁽¹⁾
Ambient Operating Range	0-115°F
Chilled Water Setpoint Limits	40-55°F
Refrigerant Circuits	2
Equipment Insurance Value	\$115,000

⁽¹⁾ See YCAL Engineering Guide for additional chiller specifications

Dimensions (Skid Mounted)

Length	14' 0"
Width	7' 6"
Height	8' 6"
Total Weight	7,943 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	193A
Minimum Circuit Ampacity	203A

Evaporator Flow

Minimum	156 GPM
Nominal	239 GPM
Maximum	625 GPM
Fluid Connections	4", Grooved
Maximum Water Side Pressure	150 PSIG
Evaporator Volume	59 Gallons

Cooling Capacity (Tons)

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

LCWT (°F)	LBT (°F)	OUTDOOR AMBIENT (°F)			
		75	85	95	105
50		121	116	110	104
44		110	105	100	94
40		103	98	93	88
	35	91	87	82	78
	30	81	78	74	69
	25	74	70	67	63