



Mobile Air

155 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

- Across-the-line start (460/3/60)
- SP NF disc switch with control transformer
- BAS/EMS temperature reset / offset
- Both suction and discharge pressure readout kit
- North American safety code (cETL)
- Service isolation valves
- Hot gas bypass (1 circuit)
- Louvered enclosure panels (condenser only)

Package Features

- Painted structural steel tubular perimeter skid
- Skid with fork pockets (4"x10"; 54" center on center)
- 120V-15A powered convenience outlet
- 120V extension cord power option
- Over/under voltage and phase protection indicators
- 20HP pump, 4" balancing valves, 4" strainer, flow switch, suction diffuser
- TEFC pump motor, balancing valve, strainer, flow switch, suction guide, frost protection, bleed & drain



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

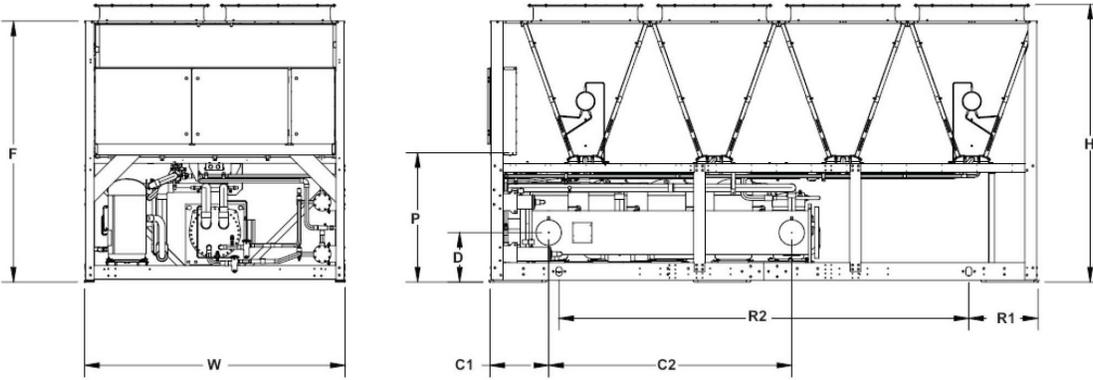
For more information contact:

Mobile Air

1-800-596-0800

www.mobileair.com

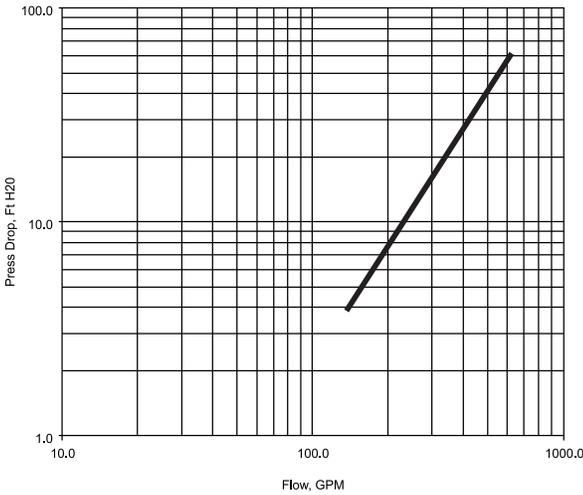
RENTAL CHILLER PACKAGE



YLAA Model	L (length)	W (width)	H (height)	F	P	D	C1	C2	R3	R2	R1
YLAA0155SE	187.5	88.25	95.3	89.6	43.875	17.25	22	102	58	65.9	39.2

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



YLAA0155SE46		Hydro Kit Data			
Flow	343.4	Impeller Diameter	5.95	Efficiency	69.8
Head	123.4	NPSHR	15.3	Pump QTY	1
Hydro Kit Performance Data					
PUMP Motor Size / Speed	20 hp	Chiller Internal PD	23.7	Head Safety Factor	-0.3
Pump Motor BHP	15.3	Total Head Required	123.7		

General

Chiller Model Number YLAA0155⁽¹⁾
 Ambient Operating Range 0-125°F
 Chilled Water Setpoint Limits 40-55°F
 Refrigerant Circuits 2 (R-410A)
 Equipment Insurance Value \$143,000

⁽¹⁾ See YLAA Engineering Guide for additional chiller specifications

Dimensions (Skid Mounted)

Length 15' 6"
 Width 7' 3"
 Height 8' 3"
 Total Weight 9,600 lbs

Electrical

Single Point Power Supply 460V / 3Ø / 60Hz
 Connections (1 per Ø) Series 16 Cam Type
 Running Load Amps 330A⁽²⁾
 Minimum Circuit Ampacity 343A⁽²⁾

⁽²⁾ Includes 20HP pump (24A)

Evaporator Flow

Minimum 150 GPM
 Nominal 343 GPM
 Maximum 625 GPM
 Fluid Connections 4", Flanged
 Maximum Water Side Pressure 150 PSIG

Cooling Capacity (Tons)

Actual capacity subject to jobsite conditions & operation.

LCWT (°F)	LBT (°F)	OUTDOOR AMBIENT (°F)			
		75	85	95	105
50		172.7	166.9	157.0	144.9
44		161.1	152.5	143.3	132.1
40		151.2	143.1	134.4	123.8

