



150 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. 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
- Single point non-fused disconnect switch with separate sys circuit breakers
- Control transformer
- North American safety code (cUL)
- 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

- 20 HP integral pump package (standalone/booster)
- Pump bypass option
- 4" strainer – with pump & bypass option
- 4" butterfly valve – with pump & bypass option
- Steel tubular skid with forklift pockets
- 120V-15A convenience outlet
- 120V extension cord shore power option
- Low temperature brine capabilities to 0°F (optional)



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

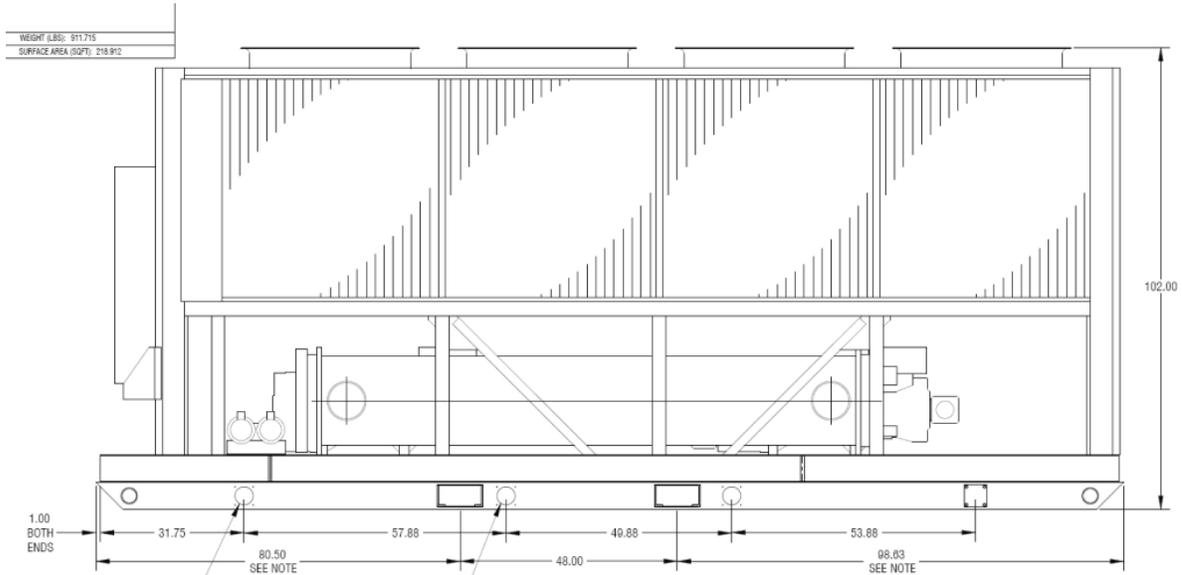
For more information contact:

Mobile Air

1-800-596-0800

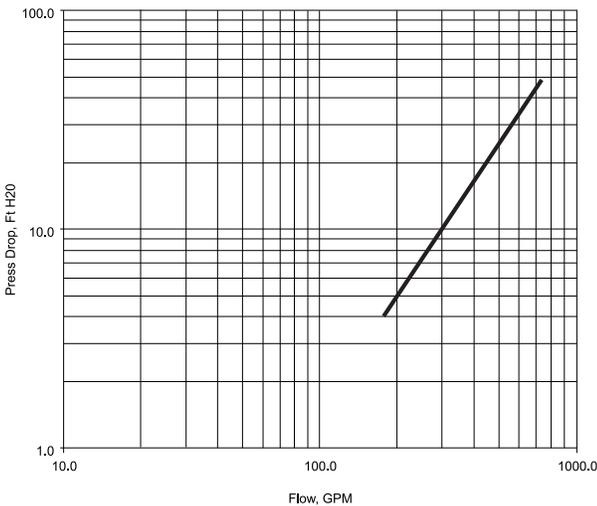
www.mobileair.com

RENTAL CHILLER PACKAGE

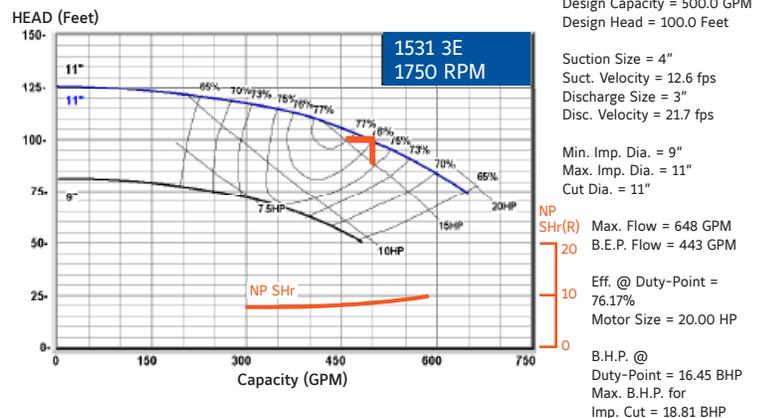


Minimum Clearances: Units Side by Side: 12 ft, Control Panel to Wall: 5 ft, Side to Wall: 8 ft, Front to Wall: 8 ft. Install unit on flat level surface.

Cooler Water Pressure Drop



Pump Performance



General

Chiller Model Number YCAS0150⁽¹⁾
Ambient Operating Range 0-115°F
Chilled Water Setpoint Limits 0-55°F
Refrigerant Circuits 2
Equipment Insurance Value \$170,000

⁽¹⁾ See YCAS Engineering Guide Form 201.19-EG1 (0803) for additional chiller specifications

Dimensions (Skid Mounted)

Length 18' 11"
Width 7' 6"
Height 8' 6"
Total Weight 12,985 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 299A⁽²⁾
Minimum Circuit Ampacity 331A⁽²⁾

⁽²⁾ Includes 20 HP pump (24A)

Evaporator Flow

Minimum 188 GPM
Nominal 349 GPM
Maximum 747 GPM
Fluid Connections 4", Victaulic
Maximum Water Side Pressure 150 PSIG
Evaporator Volume 55 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		179	169	160	163
44		163	154	146	139
40		162	144	136	130
	35	139	131	125	119
	30	121	114	108	103
	25	106	100	95	91