



Mobile Air

230 Ton Portable Air Cooled Screw Chiller

Mobile Air 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 (onboard)
- 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)

For more information contact:

Mobile Air

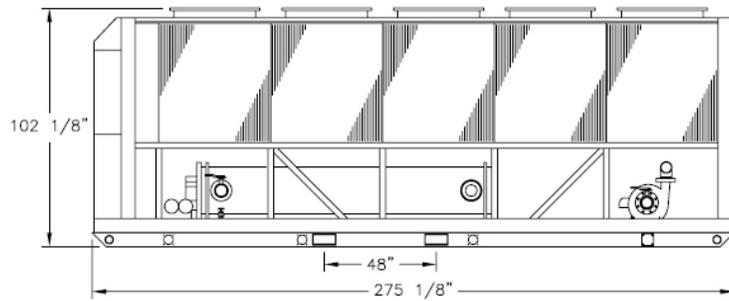
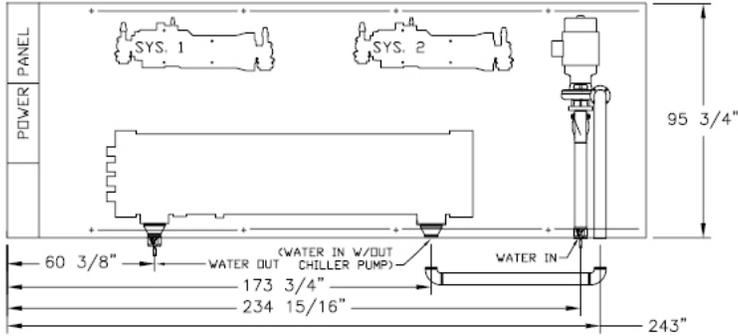
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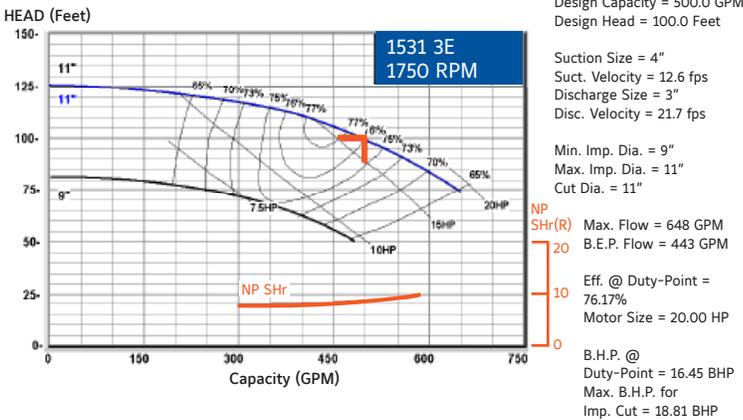
Quick delivery and minimal installation time when you need temporary cooling.

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.

Pump Performance



General

Chiller Model Number	YCAS0230 ⁽¹⁾
Ambient Operating Range	0-115°F
Chilled Water Setpoint Limits	0-55°F
Refrigerant Circuits	2
Equipment Insurance Value	\$180,000

⁽¹⁾ See YCAS Engineering Guide Form 201.18-EG1 (0401) for additional chiller specifications

Dimensions (Skid Mounted)

Length	25' 1/2"
Width	8' 6"
Height	8' 7"
Total Weight	16,120 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	390A ⁽²⁾
Minimum Circuit Ampacity	431A ⁽²⁾

⁽²⁾ Includes 20 HP pump (24A)

Evaporator Flow

Minimum	272 GPM
Nominal	501 GPM
Maximum	747 GPM
Fluid Connections	4" Victaulic
Maximum Water Side Pressure	150 PSIG
Evaporator Volume	79 Gallons

Cooling Capacity (Tons)

LCWT (°F)	LBT (°F)	OUTDOOR AMBIENT (°F)			
		75	85	95	105
50		250	238	229	222
44		227	217	209	203
40		213	204	196	191
Brine Required	35	194	186	180	176
	30	170	163	158	154
	25	150	144	140	137

Cooler Water Pressure Drop

