



Mobile Air

# 157 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

- Standard efficiency, standard IPLV
- R-134a Refrigerant (fully charged)
- SP circuit breaker with lockable handle
- Control transformer
- Non-powered convenience outlet
- North American safety code (cUL)
- Service isolation valve (suction)
- Compressor heaters
- One differential pressure switch per chiller
- ASME & CRN pressure vessel rated
- Pre-coated fin condenser coil, slit fins
- Louvered (condenser only) enclosure panels
- Low sound fans

## Package Features

- 20 hp integral pump with bypass option
- Steel tubular skid with fork pockets (4" x 10"; 54" center on center)
- 4" Butterfly valve (inlet / outlet)
- 120V-15A Convenience outlet
- 120V Extension cord shore power option
- 4" strainer
- Flow switch, 4" suction diffuser

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.

### General

Chiller Model Number	YCIV0157(1)
Ambient Operating Range	0-125°F
Chilled Water Setpoint	44-54°F
Limits Refrigerant Circuits	2
Equipment Insurance Value	\$150,000

<sup>(1)</sup> See Johnson Controls YCIV Engineering Guide for additional chiller specifications

### Dimensions (Skid Mounted)

Length	20' 2"
Width	7' 5"
Height	8' 6"
Total Weight	14,000 lbs

### Electrical

Single Point Power Supply	460V / 3Ø / 60Hz
Connections (2 per Ø)	Series 16 Cam Type
Running Load Amps	287A <sup>(2)</sup>
Minimum Circuit Ampacity	323A <sup>(2)</sup>

<sup>(2)</sup> Includes 20HP Pump (24A)

### Evaporator Flow

Minimum	140 GPM
Nominal	366 GPM
Maximum	675 GPM
Fluid Connections	4", Flanged
Maximum Water Side Pressure	150 PSIG

**Mobile Air reserves the right to discontinue, modify, or alter the design or specifications shown without notice and without incurring obligations.**