

RENTAL CHILLER PACKAGE

287 Ton Portable Air Cooled Screw Chiller

GENERAL DESCRIPTION

Mobile Air Portable Air-Cooled Screw Chiller self-contained rental packages specifically engineered to provide temporary chilled fluid for commercial and industrial air conditioning and process cooling applications requiring flexibility. The chiller package is permanently mounted on a trailer that can be easily maneuvered in to place. These features allow for quick delivery and minimal installation time.



TECHNICAL DATA

GENERAL

York Chiller Model Number	YCIV0287 ⁽¹⁾
Ambient Operating Range	0-125°F
Chilled Water Setpoint Limits	44-54 °F
Refrigerant Circuits	3
Refrigerant weight - R134a	524.8 Lbs.
Equipment Insurance Value	190,000

DIMENSIONS (Trailer Mounted)

Length	48'
Width	8' 6"
Height	13'
Total weight w/trailer	40,765 lbs

ELECTRICAL DATA

Single Point Power Supply	460V / 3Ø / 60Hz
Connections (4 per Ø)	Series 16 Cam Type
Running Load Amps	455A*
Minimum Circuit Ampacity	494A*

**Add 30A if using 20hp pump option*

EVAPORATOR FLOW

Minimum	282 GPM
Nominal	653 GPM
Maximum	1,205 GPM
Fluid connections	6", Grooved
Maximum Water Side Pressure	150 PSIG

CHILLER FEATURES

Standard Efficiency, Standard IPLV
 SP Circuit Breaker w/Lockable Handle
 Control Transformer
 Non-powered Convenience Outlet
 N 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

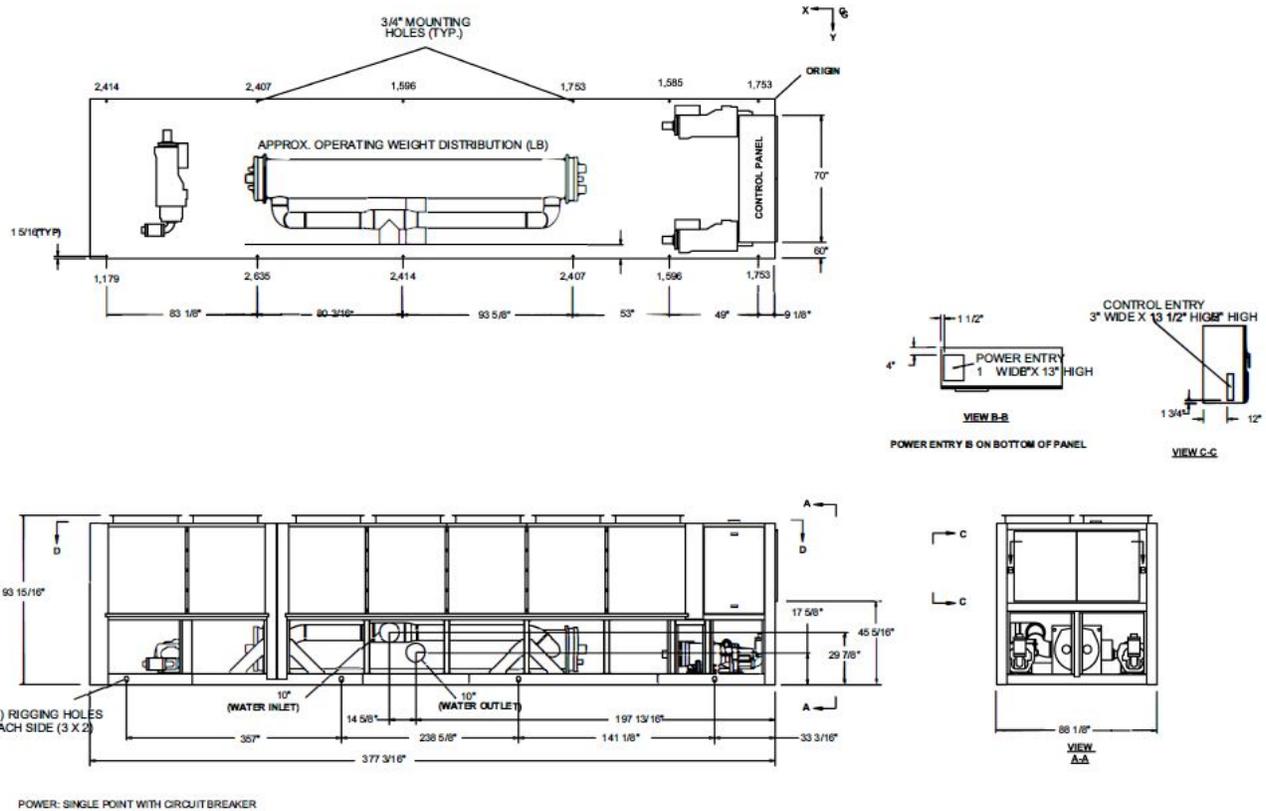
20 hp Integral Pump w/bypass option
 6" Butterfly Valve (Inlet / Outlet)
 120V-15A Convenience Outlet
 120V Extension Cord Shore Power Option

COOLING CAPACITY (TONS)

Contact Mobile Air for additional low temperature ratings as low as 0°F leaving brine.

(1) See York YCIV Engineering Guide for additional chiller specifications

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.

(1) See York YCIV Engineering Guide for additional chiller specifications

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