



RENTAL CHILLER PACKAGE

300 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. Package includes integrally located pump matched specifically to range of operation, piping (with pump bypass), triple-duty valves, chilled fluid fittings and in-line water strainers. The chiller package is permanently mounted on an air ride trailer. These features allow for quick delivery and minimal installation time.



Unit Pictured with Optional Trailer.

TECHNICAL DATA

GENERAL

Chiller Model Number	YCAV0307 ⁽¹⁾
Ambient Operating Range	0-125°F
Chilled Water Setpoint Limits	25-60°F
Refrigerant Circuits	3
Equipment Insurance Value	\$250,000

DIMENSIONS (with Optional Trailer)

Length	45'
Width	8' 6"
Height	12' 10"
Total weight (less trailer)	26,437 lbs
Total weight (with trailer)	41,500 lbs

ELECTRICAL DATA

Single Point Power Supply	460V / 3Ø / 60Hz
Connections (2 per Ø)	Series 16 Cam Type
Running Load Amps	538A ⁽²⁾
Minimum Circuit Ampacity	579A ⁽²⁾

(2) Includes associated pump values

EVAPORATOR FLOW

Minimum	300 GPM
Nominal	727 GPM
Maximum	1200 GPM
Fluid connections (ground level)	6", Grooved
Maximum Water Sid Pressure	150 PSIG

CHILLER FEATURES

SP NF Disconnect w/system Sys Circuit Breakers
 Process Brine Option Capable of 25°F LCWT
 Louvered Condenser Enclosures
 Differential Pressure Gauge w/flow safety interlock
 Low Sound Fans

PACKAGE FEATURES

Unit Mounted Skid
 45' Air-Ride Flatbed Trailer (Optional)
 40 HP Integral Pump Package (Standalone/Booster)
 Pump Bypass Option
 6" Strainer – w/Pump & Bypass Option
 6" Triple-Duty Valve – w/Pump & Bypass Option
 Aluminum Ladder for Safe Access
 120V-15A Convenience Outlet
 120V Extension Cord Shore Power Option

COOLING CAPACITY (TONS)

LCWT (°F)	Outdoor Ambient (°F)			
	75	85	95	105
50	347	340	330	309
44	317	311	303	286
40	298	292	286	271

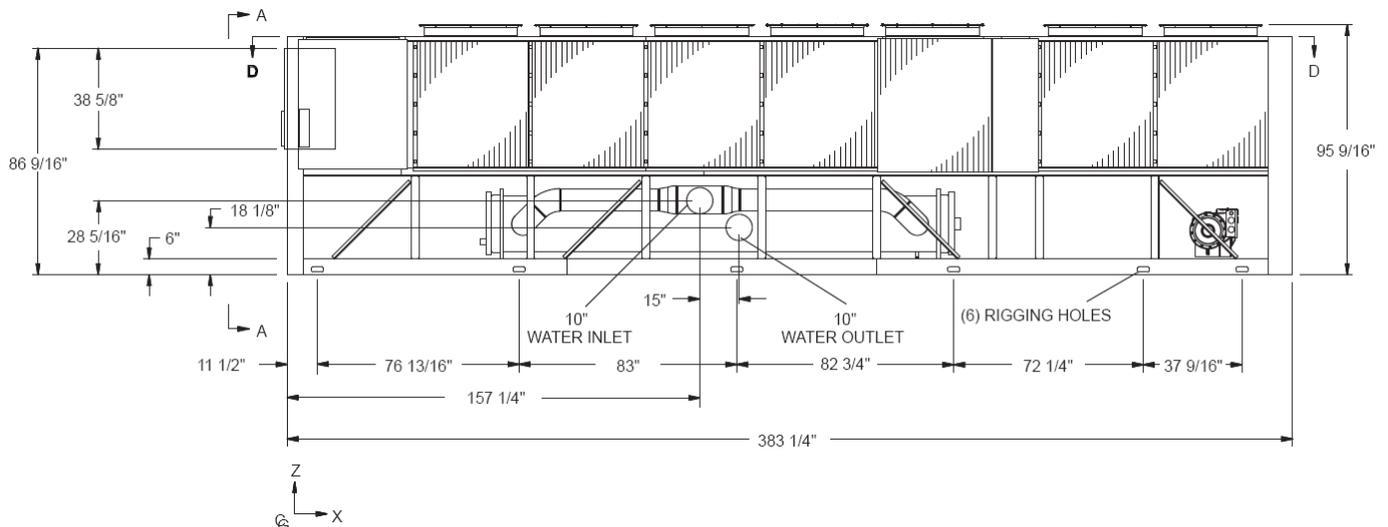
(1) See YCAV Engineering Guide Form 201.21-EG1 (311) for additional chiller specifications

Mobile Air reserves the right to discontinue, modify, or alter the design or specifications shown without notice and without incurring obligations.
JCRSYCAV307 Spec (0511)



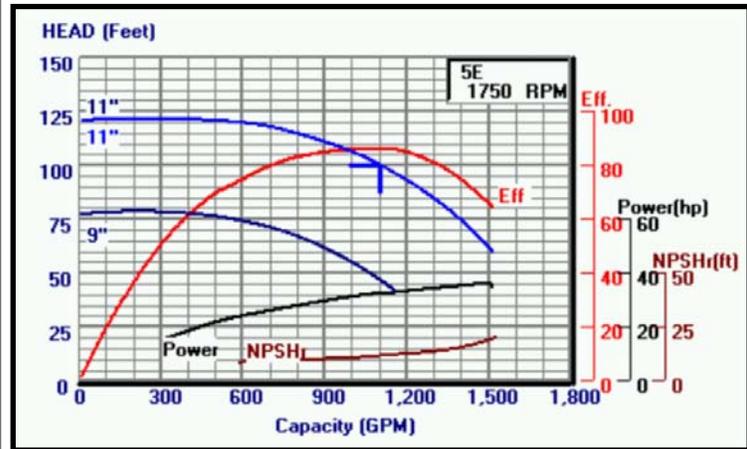
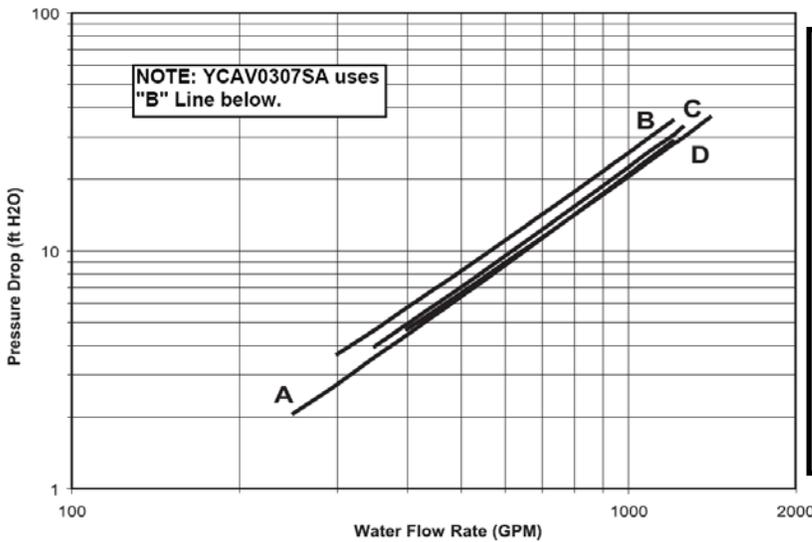
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Unit Skid Not Displayed. Optional Trailer Not Displayed.

Access to the unit control center stipulates the unit is no higher when on spring isolators. Recommended minimum clearances: side to wall-6"; rear to wall-6"; control panel end to wall-4"; top-no obstructions whatsoever; distance between adjacent units-10'. No more than one adjacent wall may be higher than the unit. Install unit on a flat level surface (only).



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