



Mobile Air

RENTAL CHILLER PACKAGE

1,000 Ton Portable Water Cooled Chiller

GENERAL DESCRIPTION

Mobile Air Portable Water-Cooled Centrifugal 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 packaged and permanently mounted inside an ISO corrugated shipping container with a rugged steel frame and chassis that can be easily maneuvered. These features allow for quick delivery and minimized installation time.



TECHNICAL DATA

GENERAL

Chiller Model Number	YKK5K3K1-CZG ⁽¹⁾
Gear Code	AF
Unit Numbers	08-12
Chilled Water Setpoint Limits	38-54 °F
CHW & CW Circuits	2-Pass
Equipment Insurance Value	\$350,000

DIMENSIONS (Container)

Length	30'
Width	8' 5"
Height	9' 3 1/4"
Total Weight (Shipping)	37,950 lbs*
Total Weight (Operating)	41,708 lbs*
Refrigerant wt.(lbs)	3248 lbs

*(add 11,400 lbs with trailer)

ELECTRICAL DATA

Single Point Power Supply	460V / 3Ø / 60Hz
Connections (3 per Ø)	Series 16 Cam Type
Full Load Amps	860 A
Minimum Circuit Ampacity	1085 A
Max Fuse/breaker	1600 A

EVAPORATOR CONDITIONS

Nominal	2,400 GPM
Nominal EWT/LWT	54F / 44F
Chilled Water Connections	6-6"/2-12" Grooved

Maximum Water Side Pressure 300 PSIG

CONDENSER FLOW

Nominal	3,000 GPM
Nominal EWT/LWT	85F / 95F
Condenser Water Connections	6-6"/2-12" Grooved
Maximum Water Side Pressure	150 PSIG

CHILLER FEATURES

Solid State Starter
ASME & CRN Stamped
Hot Gas Bypass operation to 10% load
Service Isolation Valves
Optiview Control Panel

PACKAGE FEATURES

Custom Modular Container
CHW & CW Gear Operated Isolation Valves
Refrigerant Charging Port Access Opening
Rental Power Connections Access Panel
Container Ventilation Fan & Inlet Louver
Tube Cleaning Service Access Doors
Oil Cooler & Reservoir Access Door
Sight Glass Access Openings
Controls Access Panel
Service Lighting
Refrigerant Monitor with E-Stop

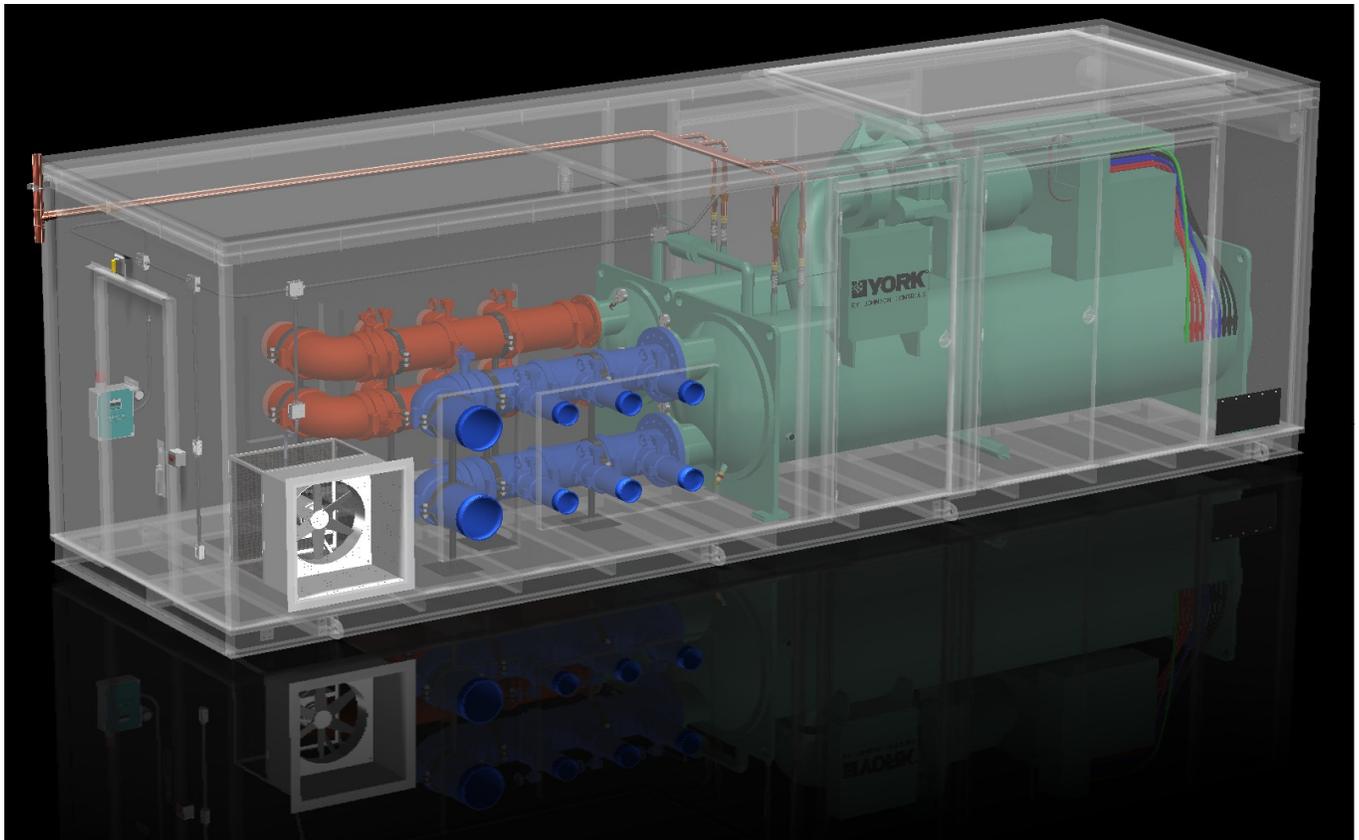
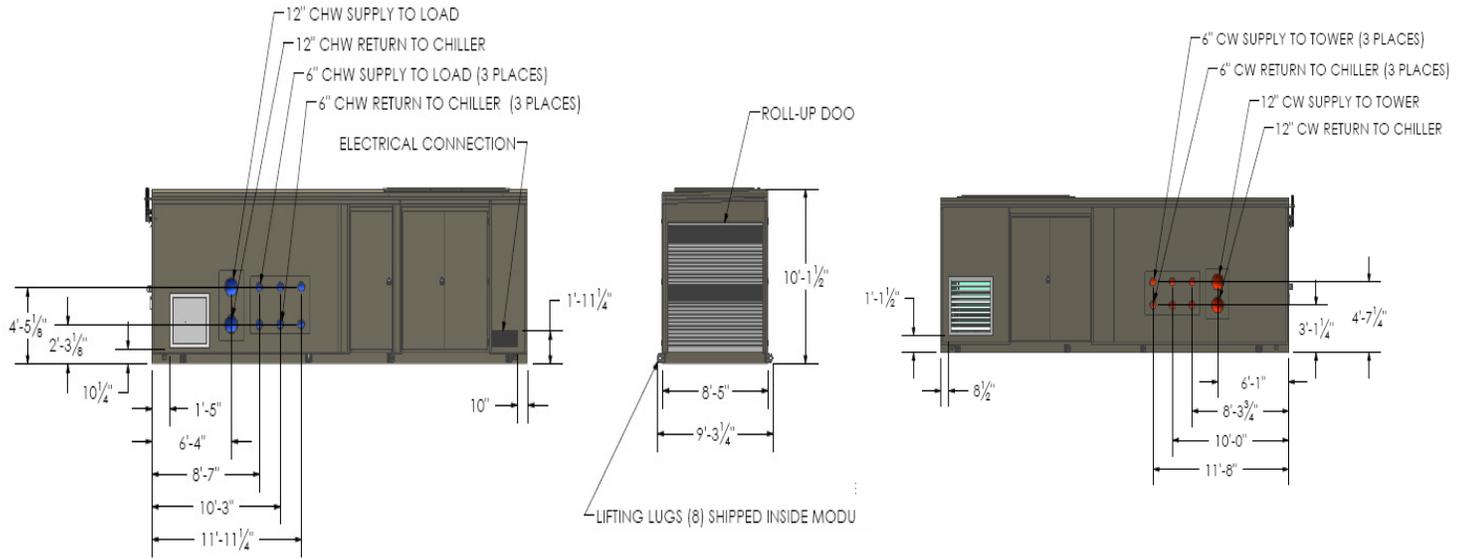
**Performance ratings available upon request.*

Mobile Air reserves the right to discontinue, modify, or alter the design or specifications shown without notice and without incurring obligations. JCRSYK1000 Spec (08,12)



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