



Mobile Air

A DIVISION OF RESOLUTE INDUSTRIAL

Rental Chiller Package



523 TON PORTABLE AIR COOLED SCREW CHILLER, 460 V

Chiller Features

- Refrigerant fully charged, R-134a, 445# per circuit
- Variable Speed Drive starter
- Single-point non-fused disconnect switch, separate system circuit breakers
- Control transformer
- 120V convenience outlet
- Service isolation valve
- Compressor heaters
- North American safety code (cUL)
- ASME rated pressure vessel
- Pre-coated fin condenser coil
- Low sound fans
- Louvered enclosure panels

Cooling Capacity-Tons

Actual capacity subject to leaving temperature, fluid utilized and ambient conditions.

LCWT (°F)	LBT (°F)	OUTDOOR AMBIENT (°F)			
		75	85	95	105
50		579	574	553	523
44		531	520	495	466
40		500	481	457	430
Brine	35	448	428	406	387
Required	25	350	329	306	279

Package Details

- 53' air-ride flatbed trailer
- 50 HP integral pump package w/bypass option
- Strainer/triple duty valve
- Waterfall cam-type connections
- Over/under voltage & phase protection relay with light
- Flow sensor
- Barrel vents
- Pump and evaporator drains with isolation valves

General

Model Number	YVAA523
Ambient Operating Range	0-125° F
Chilled Water Setpoint Limits	40-60° F
Refrigerant Circuits	2
Equipment Insurance Value	\$425,000

Dimensions - Trailer Mounted

Length	53'
Width	8' 6"
Height	13'
Chiller Operating Weight	29,719 lbs
Trailer Weight, approximate	20,000 lbs

Electrical

Single Point Power Supply	460/3/60
Connections, 3 per phase	Series 16, cam type
Running Load Amps*	932
Minimum Circuit Amps*	1,000 (MP values)

*Includes 50 HP pump, 65 amps

Evaporator Flow

Minimum GPM	550
Nominal GPM	1,184
Maximum GPM	2,160
Fluid Connections	6" Victaulic
Max Water Side Pressure	150 PSIG
Evaporator Volume, gal	147