

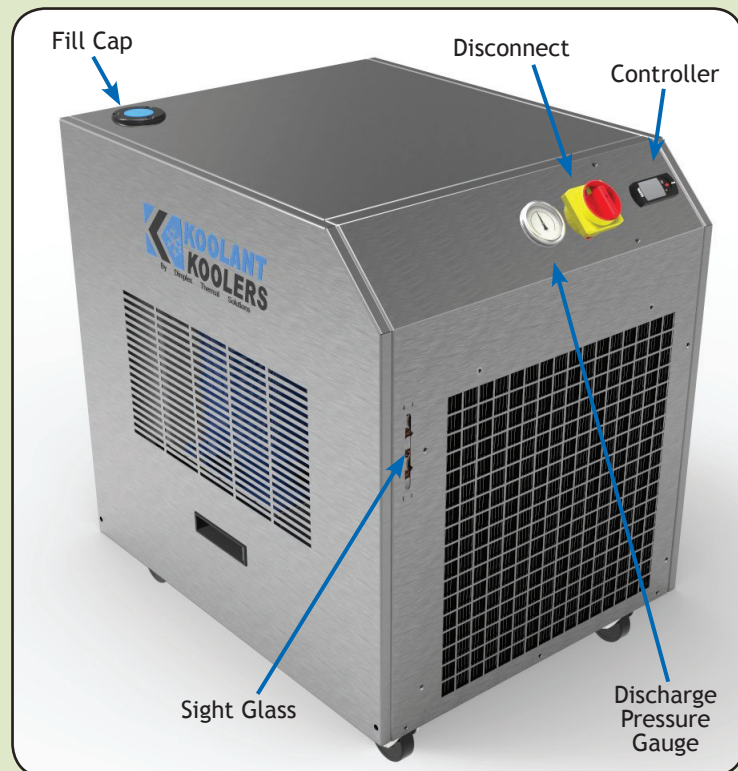
## 2 Ton J Series

*Small Chiller - Big Results*

This compact indoor chiller features an air-cooled design with durable, maintenance free stainless cabinet and all non-ferrous components. Offering reliable control of process fluids from 50-80° F, most models need no special wiring; it is truly a plug and play design.

### Features Included:

- Air-cooled, closed loop
- Brushed stainless steel cabinet
- Digital temperature controller
- Hermetic compressor
- Manual fluid bypass
- Bypass regulator valve
- Discharge pressure gauge
- Tank fluid level sight glass
- Flush-mounted fill port
- Wire connection panel
- Heavy duty casters



UL 1995 certification | 18 month parts & labor warranty | 24/7 service & support

### Premium Package:

*(Available on 460/3/60 @ 35 psi)*

- Pressure relief bypass
- Hot gas regulator
- Motorized hot gas
- Auto makeup
- Flow switch
- Float switch

### Individual Options:

- Auto makeup *(available on 460/3/60 @ 35 psi, standard on 460/3/60 @ 80 psi)*
- Anti-back flow *(shipped loose)*
- Air filter *(shipped loose)*
- Fluid filter *(shipped loose)*
- Feet *(shipped loose)*

# 2 Ton J Series SPECIFICATIONS

J Series		2 TON			
		230/1/60 @35psi	230/3/60 @35psi	460/3/60 @35psi	460/3/60 @80psi
<b>Cooling</b>					
Refrigerant:	R134a				
Refrigerant Capacity:	5				lbs
Compressor type:	Hermetic compressor				
Compressor hp:	2		3		
Condenser type:	Fin and tube				
Fan kW:	0.50		0.55		
<b>Fluid Circuit</b>					
Cooling capacity (60Hz):	24,000				Btu
Fluid temperature (outlet):	65*				°F
Temperature stability:	3				°F
Cooling medium:	water or water 70%/glycol 30%				
Flow rate:	10	10	10	10	gpm
Pump pressure:	35	35	35	80	psi
Pump hp:	1		1		2
Tank:					
Capacity:	10				gal
Material construction	Liner low density polyethylene				
Type:	Open to atmosphere				
Fluid Connections (FNPT):	1				in
Wetted component material:	Non-ferrous, polyethylene				
Evaporator:	Copper braze plate with stainless steel plates				
Gauge:	Pressure				
<b>Climatic Data</b>					
Site of installation:	Indoor				-
Ambient conditions:	50-95				°F
Noise level:	65-68				dB(A)
<b>Electrical Data</b>					
Voltage:	230	230	460		V
Phases:	1	3	3		~
Frequency:	60	60	60		Hz
Control Voltage:	115				V
Certifications/Standards:	UL1995				
Full loaded amps:	34	21	10	14	amps
Disconnect fuse size:	40	25	12	16	amps
Controller type:	Carel IR33				
<b>Additional Data</b>					
Chiller dimensions (WxDxH):	32¾ x 37¾ x 33¾ (Casters Included)				in
Finish:	430 Stainless Steel				
Crated weight:	630				Lbs
Wet weight:	645				Lbs

\* This is the rated capacity at 95°F ambient. Temps can vary but will affect capacity - contact factory.