

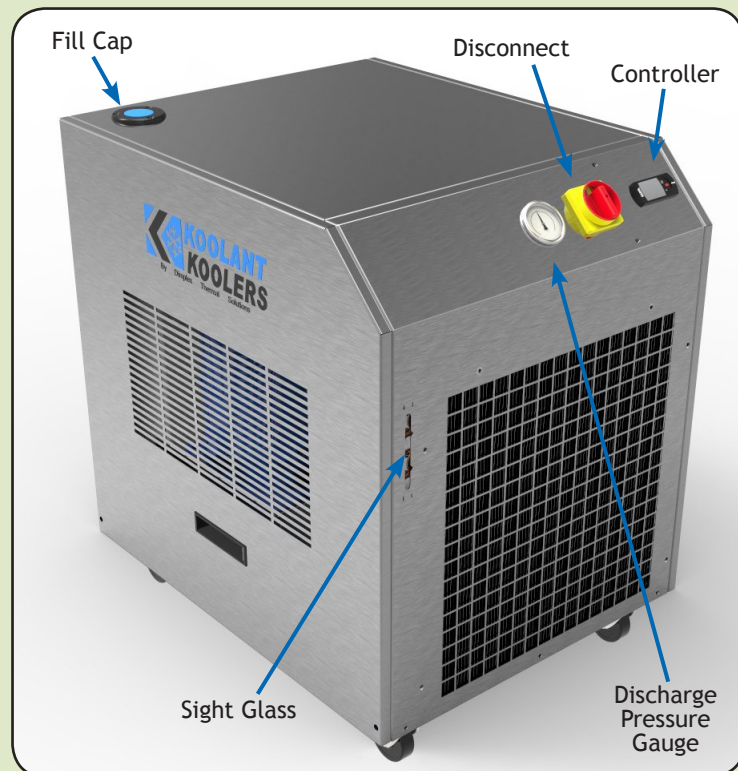
## 1 Ton J Series

### Small Chiller - Powerful 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 | 1 & 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:

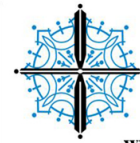
- Auto makeup (available on 460/3/60 @ 35 psi)
- Pressure relief bypass (std on 460/3/60 @ 50 psi)
- Anti-back flow (shipped loose)
- Air filter (shipped loose)
- Fluid filter (shipped loose)
- Feet (shipped loose)

# 1 Ton J Series SPECIFICATIONS

Small Chiller - Powerful Results

**INDUSTRIAL  
WATER CHILLER**

www.industrialwaterchiller.com



**T. J. SNOW**

www.tjsnow.com

120 Nowlin Ln., Chattanooga, TN 37421  
(800) 669-7669 · chillers@tjsnow.com

J Series		1 TON				
		230/1/60 @35psi	230/1/60 @50psi	460/3/60 @35psi	460/3/60 @50psi	
<b>Cooling</b>						
Refrigerant:	R134a					
Compressor type:	Hermetic compressor					
Condenser type:	Fin and tube					
<b>Fluid Circuit</b>						
Cooling capacity (60Hz):	12,000				Btu	
Fluid temperature (outlet):	65*				°F	
Temperature stability:	3				°F	
Cooling medium:	water or water 70%/glycol 30%					
Flow rate:	10	4	10	4	gpm	
Pump pressure:	35	50	35	50	psi	
Tank:						
Capacity:	10				gal	
Material construction:	Liner low density polyethylene					
Type:	Open to atmosphere					
Fluid Connections (FNPT):	1	1/2	1	1/2	in	
Wetted component material:	Non-ferrous polyethylene					
Evaporator:	Stainless steel copper brazed plate					
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		460		V	
Phases:	1		3		~	
Frequency:	60		60		Hz	
Control:						
Voltage:	115				V	
Phases:	1				~	
Frequency:	60				Hz	
Certifications/Standards:	UL1995					
Full loaded amps:	21	17	7		amps	
Disconnect fuse size:	25		10		amps	
Fault alarm signal:	Overtemp					
Switch:	None					
Controller type:	Carel IR33					
<b>Additional Data</b>						
Chiller dimensions (WxDxH):	25 <sup>1</sup> / <sub>8</sub> x 30 <sup>3</sup> / <sub>8</sub> x 35 <sup>1</sup> / <sub>4</sub> (Casters Included)				in	
Finish:	430 Stainless Steel					
Crated weight:	450				Lbs	
Wet weight:	530				Lbs	

\* This is the rated temperature. Temps can vary but will affect capacity - contact factory.