

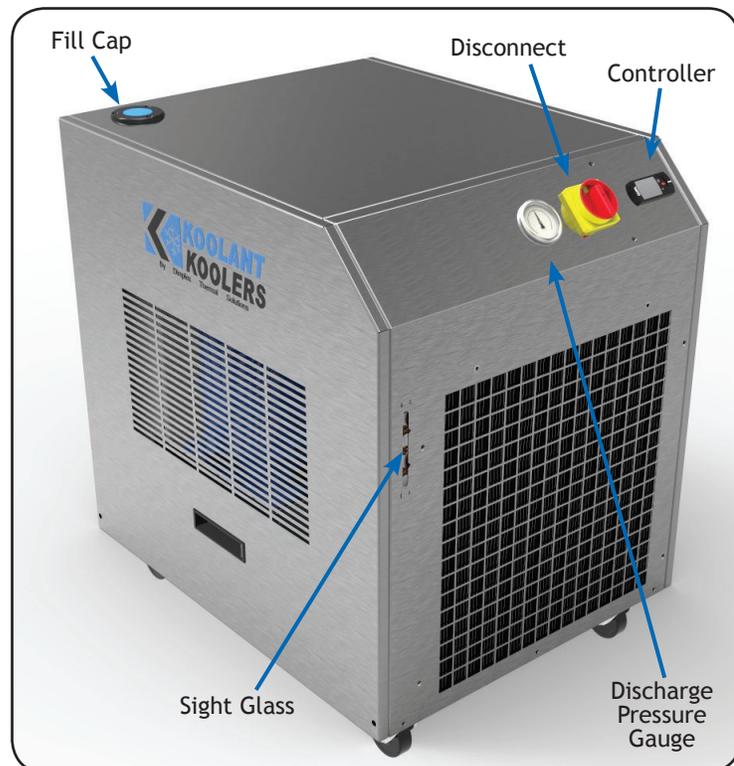
1 Ton J Series

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 | 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)*
- 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

J Series		1 TON				
		230/1/60 @35psi	230/1/60 @50psi	460/3/60 @35psi	460/3/60 @50psi	
Cooling						
Refrigerant:	R134a					
Compressor type:	Hermetic compressor					
Condenser type:	Fin and tube					
Fluid Circuit						
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					
Climatic Data						
Site of installation:	Indoor					-
Ambient conditions:	50-95					°F
Noise level:	65-68					dB(A)
Electrical Data						
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					
Additional Data						
Chiller dimensions (WxDxH):	25 ¹ / ₈ x 30 ³ / ₈ x 35 ¹ / ₄ (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.