

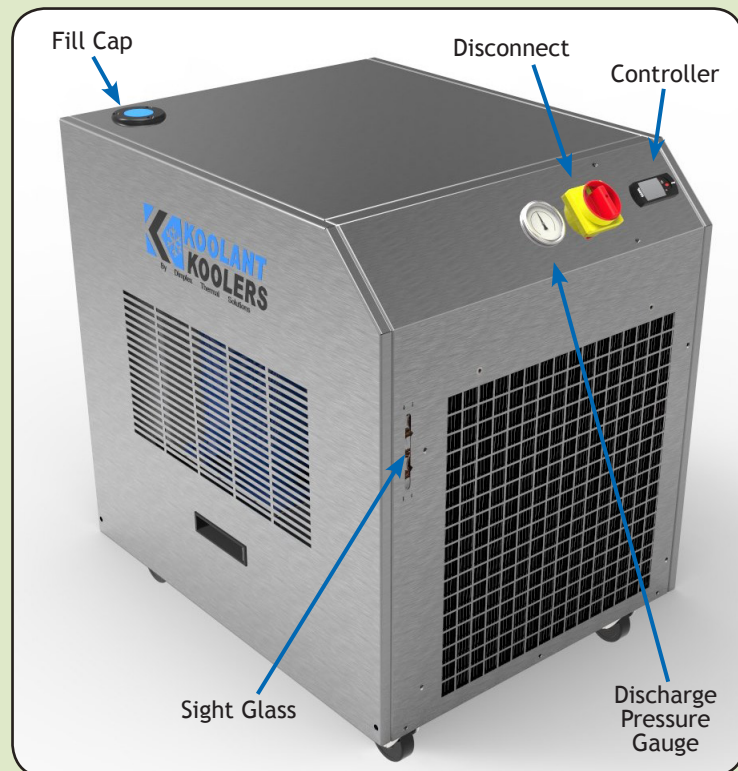
## 1/8 Ton J Series

*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

### Ship Loose Options:

- Anti-back flow
- Air filter
- Fluid filter
- Feet

# 1/8 Ton J Series SPECIFICATIONS

Small Chiller - Powerful Results

J Series		1/8 TON	
		115/1/60 @50psi	
<b>Cooling</b>			
Refrigerant:	R134a		
Compressor type:	Hermetic condensing unit		
Condenser type:	Fin and tube		
<b>Fluid Circuit</b>			
Cooling capacity (60Hz):	2,100	Btu	
Fluid temperature (outlet):	65*	°F	
Temperature stability:	3	°F	
Cooling medium:	water or water 70%/glycol 30%		
Flow rate:	2	gpm	
Pump pressure:	50	psi	
Tank:			
Capacity:	5	gal	
Material construction	Liner low density polyethylene		
Type:	Open to atmosphere		
Fluid Connections (FNPT):	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:	115	V	
Phases:	1		
Frequency:	60		
Certifications/Standards:	UL1995		
Full loaded amps:	12	amps	
Disconnect fuse size:	15	amps	
Controller type:	Carel IR33		
<b>Additional Data</b>			
Chiller dimensions (WxDxH):	21 x 21¼ x 28½ (Casters Included)		in
Finish:	430 Stainless Steel		
Crated weight:	245	Lbs	
Wet weight:	290	Lbs	

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

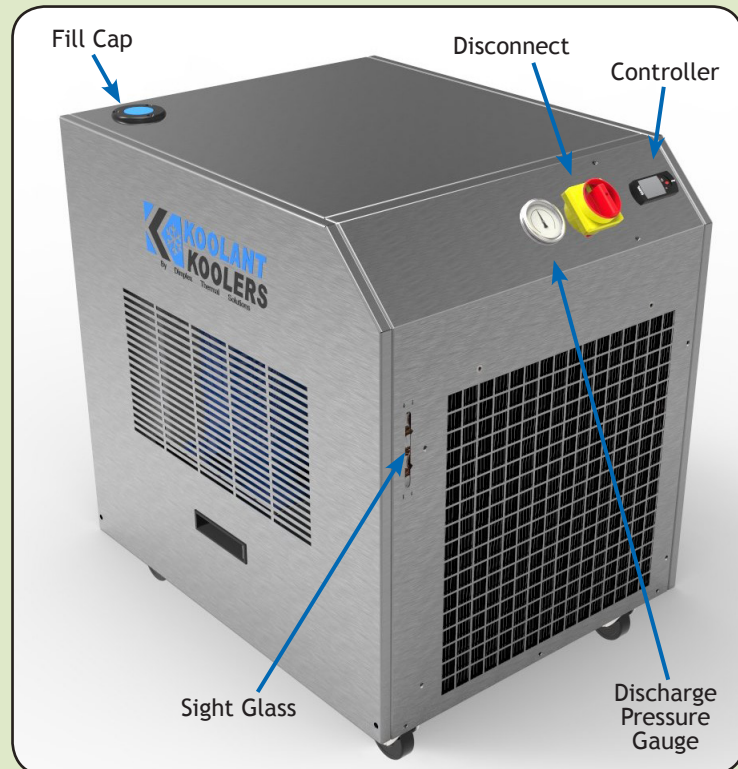
## 1/2 Ton J Series

### 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 230V only)

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

### Ship Loose Options:

- Anti-back flow
- Air filter
- Fluid filter
- Feet

	115	65-68	230	dB(A)
	1		1	V
	60		60	Hz
Standards:		115		V
UL1995				
Size:	17		9	am
Size:	20		15	am
		Carel IR33		
Size (WxDxH):	21¼ x 21¼ x 28½ (Casters Included)			in
	430 Stainless Steel			

# 1/2 Ton J Series SPECIFICATIONS

Small Chiller - Powerful Results

J Series		½ TON	
		115/1/60 @50psi	230/1/60 @50psi
<b>Cooling</b>			
Refrigerant:	R134a		
Compressor type:	Hermetic condensing unit		
Condenser type:	Fin and tube		
<b>Fluid Circuit</b>			
Cooling capacity (60Hz):	5,500		Btu
Fluid temperature (outlet):	65*		°F
Temperature stability:	3		°F
Cooling medium:	water or water 70%/glycol 30%		
Flow rate:	4		gpm
Pump pressure:	50		psi
Tank:			
Capacity:	5		gal
Material construction:	Liner low density polyethylene		
Type:	Open to atmosphere		
Fluid Connections (FNPT):	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:	115	230	V
Phases:	1	1	~
Frequency:	60	60	Hz
Control Voltage:	115		V
Certifications/Standards:	UL1995		
Full loaded amps:	17	9	amps
Disconnect fuse size:	20	15	amps
Controller type:	Carel IR33		
<b>Additional Data</b>			
Chiller dimensions (WxDxH):	21¼ x 21¾ x 28½ (Casters Included)		
Finish:	430 Stainless Steel		
Crated weight:	245	310	Lbs
Wet weight:	290	345	Lbs

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

## 1 Ton J Series

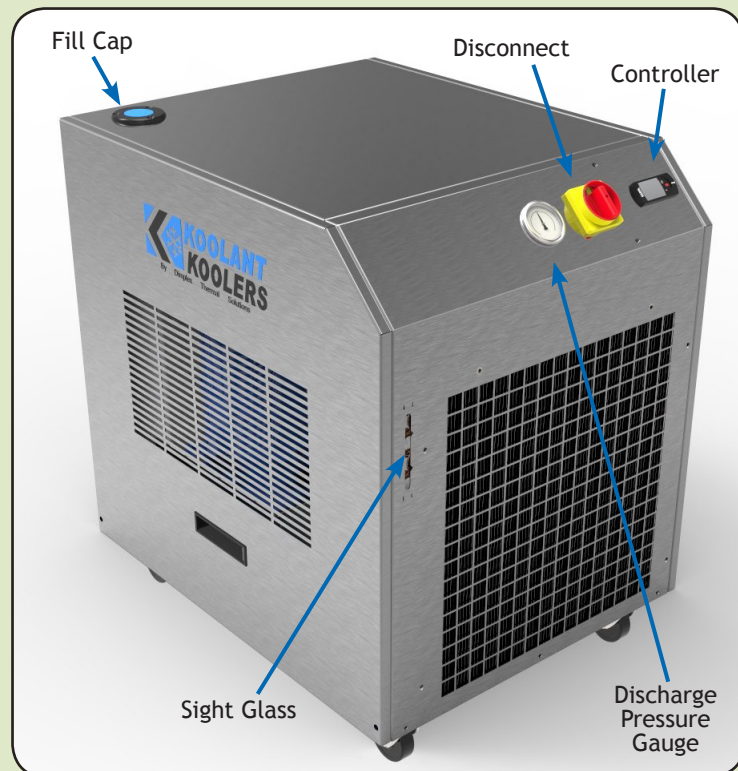
### Small Chiller - Powerful Results

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

*\* Pressure relief bypass comes standard on 460/3/60 @ 50 psi*



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### 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)*
- 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	
<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
Certifications/Standards:	UL1995					
Full loaded amps:	21	17	7			amps
Disconnect fuse size:	25		10			amps
Controller type:	Carel IR33					
<b>Additional Data</b>						
Chiller dimensions (WxDxH):	25 <sup>1</sup> / <sub>8</sub> x 30 <sup>5</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.

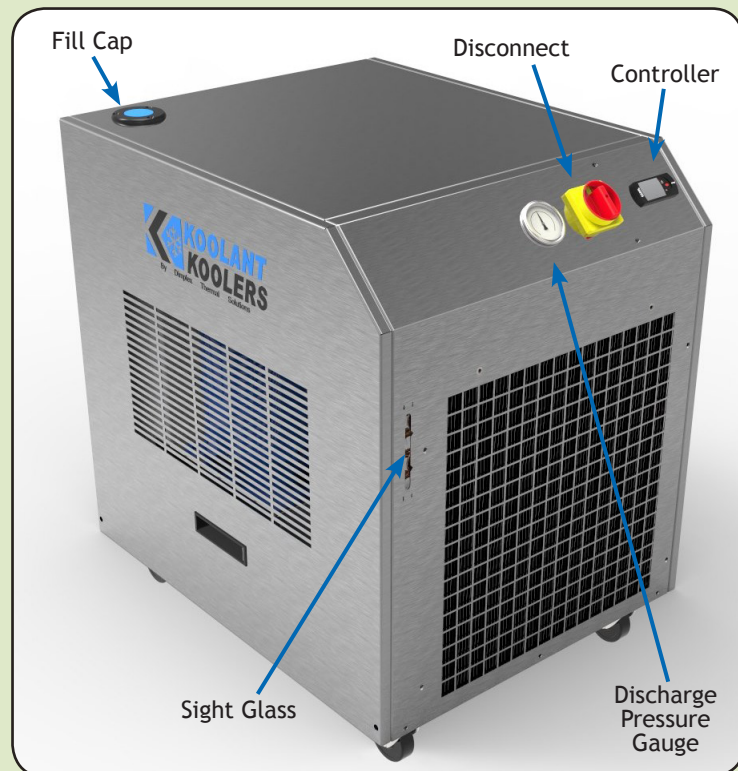
## 1 1/2 Ton J Series

*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 @ 50 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 1/2 Ton J Series SPECIFICATIONS

Small Chiller - Powerful Results

J Series		1 1/2 TON		
		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):	18,000			Btu
Fluid temperature (outlet):	65*			°F
Temperature stability:	3			°F
Cooling medium:	water or water 70%/glycol 30%			
Flow rate:	4	10	4	gpm
Pump pressure:	50	35	50	psi
Tank:				
Capacity:	10			gal
Material construction:	Liner low density polyethylene			
Type:	Open to atmosphere			
Fluid Connections (FNPT):	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
Certifications/Standards:	UL1995			
Full loaded amps:	24	9	8	amps
Disconnect fuse size:	30	10		amps
Controller type:	Carel IR33			
<b>Additional Data</b>				
Chiller dimensions (WxDxH):	25 1/8 x 30 3/8 x 35 1/4 (Casters Included)			in
Finish:	430 Stainless Steel			
Crated weight:	490			Lbs
Wet weight:	570			Lbs

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



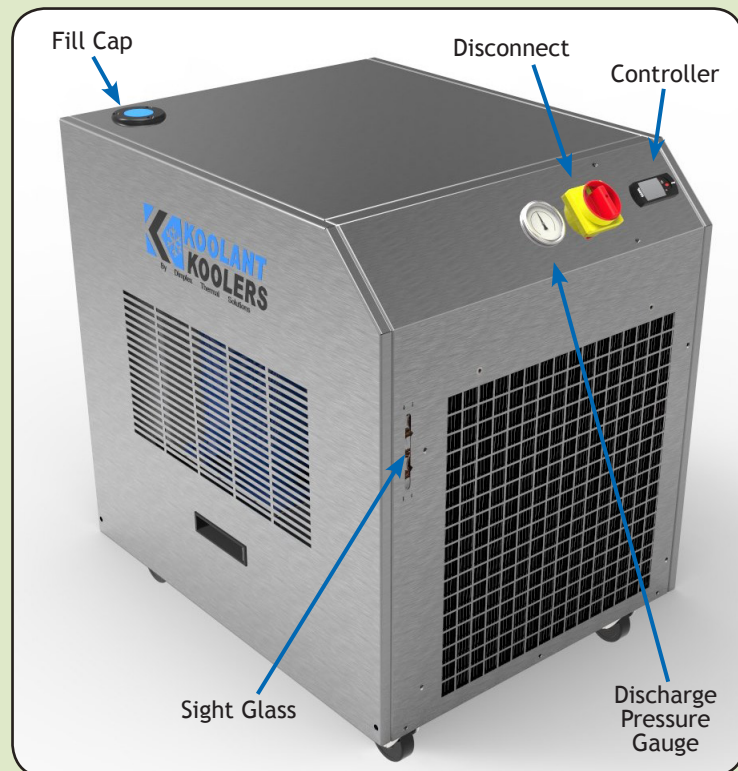
## 2 Ton J Series

*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, 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

Small Chiller - Powerful Results

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				
Compressor type:	Hermetic compressor				
Condenser type:	Fin and tube				
<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
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:	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	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 temperature. Temps can vary but will affect capacity - contact factory.