

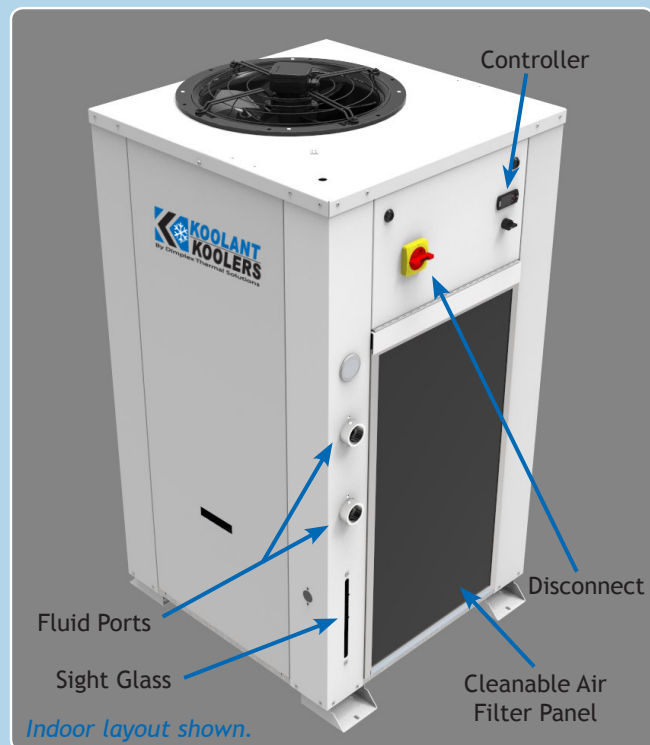
3 Ton S Series

Self-Contained Reliable Cooling

This durable chiller offers an indoor or outdoor design and provides the utmost in reliable operation and precise temperature control. A standard product offering with a wide range of options, this chiller can provide cooling in most applications and is available from 3 - 20 tons of cooling capacity.

Features Included:

- Air-cooled, closed loop
- Indoor or outdoor styles available
- Digital temperature controller
- Hermetic compressor
- Brazed plate evaporator
- Hot gas regulator
- Fused disconnect
- Vertical air discharge
- Cleanable air filters
- Manual bypass
- Fluid level sight glass
- Seamless plastic tank



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

Indoor Style:

- Ambient 50° F - 95° F
- Water or water/glycol (70/30)
- Carel EZ digital controller
- RAL 7035 powdercoated cabinet

Outdoor Style:

- Outdoor Ambient -20° F to 95° F
- Water/glycol (70/30)
- Ranco ETC digital controller
- Galvanized sheet metal cabinet

High-Flow Package:

- Auto water fill
- Inlet water filter
- High flow pump

Options:

- Auto makeup
- Inlet water filter
- Remotely located controller
- Casters (indoor only)
- Service/maintenance packages

3 Ton S Series SPECIFICATIONS

Self-Contained Reliable Cooling

S Series		3 TON			
	230/3/60 @45psi	230/3/60 @80psi	460/3/60 @45psi	460/3/60 @80psi	
Cooling					
Refrigerant:	407C				
Compressor type:	Scroll compressor				
Condenser type:	Fin and tube				
Climatic Data					
Site of installation:	Indoor and Outdoor Models Available				-
Ambient conditions:	Indoor: 50 to 95 Outdoor: -20 to 95				°F
Noise level:	74-76				dB(A)
Fluid Circuit					
Cooling capacity (60Hz):	36,000				Btu
Fluid temperature (outlet):	65 *				°F
Temperature stability:	3				°F
Cooling medium:	Indoor: water or water/glycol (70/30) Outdoor: water/glycol (70/30)				
Flow rate:	10	10	10	10	gpm
Pump pressure:	45	80	45	80	psi
Tank:					
Capacity:	36				gal
Material construction:	Low density polyethylene				
Type:	Open to atmosphere				
Fluid Connections (FNPT):	1 1/2				in
Wetted component material:	Non-Ferrous				
Evaporator:	Stainless steel copper brazed plate				
Gauge:	Pressure				
Electrical Data					
Voltage:	230		460		V
Phases:	3		3		~
Frequency:	60		60		Hz
Control:					
Voltage:	115				V
Phases:	1				~
Frequency:	60				Hz
Certifications/Standards:	UL1995				
Full loaded amps:	26.1	28.1	12.3	13.3	amps
Controller type:	Indoor: Carel EZ / Outdoor: Ranco ETC				
Additional Data					
Chiller dimensions (WxDxH):	35 x 37 x 68				in
Finish:	Indoor: RAL 7035 powdercoat / Outdoor: Galvanized				
Crated weight:	540				Lbs

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

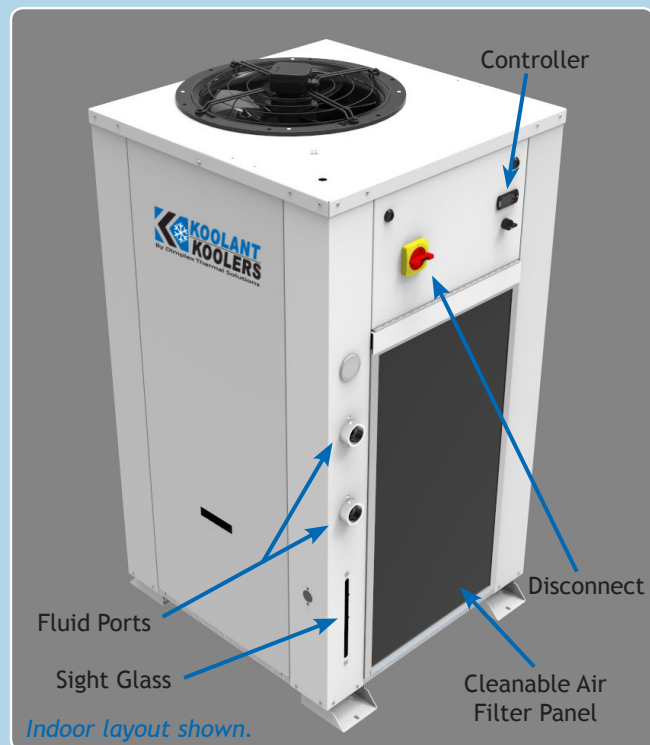
5 Ton S Series

Self-Contained Reliable Cooling

This durable chiller offers an indoor or outdoor design and provides the utmost in reliable operation and precise temperature control. A standard product offering with a wide range of options, this chiller can provide cooling in most applications and is available from 3 - 20 tons of cooling capacity.

Features Included:

- Air-cooled, closed loop
- Indoor or outdoor styles available
- Digital temperature controller
- Hermetic compressor
- Brazed plate evaporator
- Hot gas regulator
- Fused disconnect
- Vertical air discharge
- Cleanable air filters
- Manual bypass
- Fluid level sight glass
- Seamless plastic tank



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

Indoor Style:

- Ambient 50° F - 95° F
- Water or water/glycol (70/30)
- Carel EZ digital controller
- RAL 7035 powdercoated cabinet

Outdoor Style:

- Outdoor Ambient -20° F to 95° F
- Water/glycol (70/30)
- Ranco ETC digital controller
- Galvanized sheet metal cabinet

High-Flow Package:

- Auto water fill
- Inlet water filter
- High flow pump

Options:

- Auto makeup
- Inlet water filter
- Remotely located controller
- Casters (indoor only)
- Service/maintenance packages

5 Ton S Series SPECIFICATIONS

Self-Contained Reliable Cooling

S Series		5 TON			
		230/3/60 @45psi	230/3/60 @80psi	460/3/60 @45psi	460/3/60 @80psi
Cooling					
Refrigerant:	407C				
Compressor type:	Scroll compressor				
Condenser type:	Fin and tube				
Climatic Data					
Site of installation:	Indoor and Outdoor Models Available				
Ambient conditions:	Indoor: 50 to 95 Outdoor: -20 to 95				
Noise level:	74-76				
Fluid Circuit					
Cooling capacity (60Hz):	60,000				
Fluid temperature (outlet):	65 *				
Temperature stability:	3				
Cooling medium:	Indoor: water or water/glycol (70/30) Outdoor: water/glycol (70/30)				
Flow rate:	15	15	15	15	gpm
Pump pressure:	45	80	45	80	psi
Tank:					
Capacity:	36				
Material of construction	Low density polyethylene				
Type:	Open to atmosphere				
Fluid Connections (FNPT):	1 1/2				
Wetted component material	Non-Ferrous				
Evaporator	Stainless steel copper brazed plate				
Gauge	Pressure				
Electrical Data					
Voltage:	230		460		V
Phases:	3		3		~
Frequency:	60		60		Hz
Control:					
Voltage:	115				
Phases:	1				
Frequency:	60				
Certifications/Standards:	UL1995				
Full loaded amps	36.6	38.6	18.3	19.3	amps
Controller type:	Indoor: Carel EZ / Outdoor: Ranco ETC				
Additional Data					
Chiller dimensions (WxDxH):	35 x 37 x 68				
Finish:	Indoor: RAL 7035 powdercoat / Outdoor: Galvanized				
Crated weight	570				

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

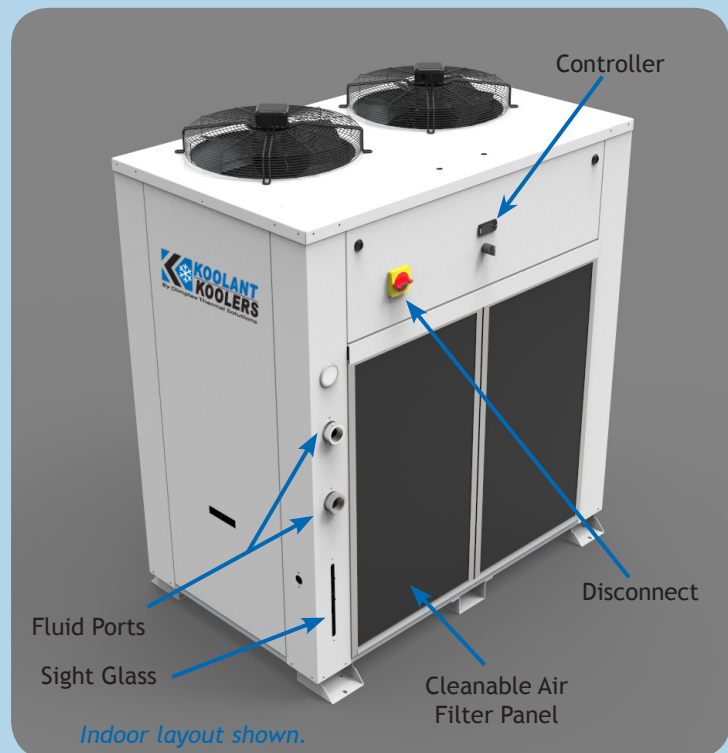
7.5 and 10 Ton S Series

Self-Contained Reliable Cooling

This durable chiller offers an indoor or outdoor design and provides the utmost in reliable operation and precise temperature control. A standard product offering with a wide range of options, this chiller can provide cooling in most applications and is available from 3 - 20 tons of cooling capacity.

Features Included:

- Air-cooled, closed loop
- Indoor or outdoor styles available
- Digital temperature controller
- Hermetic compressor
- Brazed plate evaporator
- Hot gas regulator
- Fused disconnect
- Vertical air discharge
- Cleanable air filters
- Manual bypass
- Fluid level sight glass
- Seamless plastic tank



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

Indoor Style:

- Ambient 50° F - 95° F
- Water or water/glycol (70/30)
- Carel EZ digital controller
- RAL 7035 powdercoated cabinet

Outdoor Style:

- Outdoor Ambient -20° F to 95° F
- Water/glycol (70/30)
- Ranco ETC digital controller
- Galvanized sheet metal cabinet

High-Flow Package:

- Auto water fill
- Inlet water filter
- High flow pump

Options:

- Auto makeup
- Inlet water filter
- Remotely located controller
- Service/maintenance packages

7.5 and 10 Ton S Series SPECIFICATIONS

Self-Contained Reliable Cooling

S Series	7.5 TON		10 TON		
	460/3/60 @40psi	460/3/60 @80psi	460/3/60 @40psi	460/3/60 @80psi	
Cooling					
Refrigerant:	407C				
Compressor type:	Scroll compressor				
Condenser type:	Fin and tube				
Climatic Data					
Site of installation:	Indoor and Outdoor Models Available				-
Ambient conditions:	Indoor: 50 to 95 Outdoor: -20 to 95				°F
Noise level:	78-80				dB(A)
Fluid Circuit					
Cooling capacity (60Hz):	90,000		120,000		Btu
Fluid temperature (outlet):	65 *				°F
Temperature stability:	3				°F
Cooling medium:	Indoor: water or water/glycol (70/30) Outdoor: water/glycol (70/30)				
Flow rate:	25	25	30	30	gpm
Pump pressure:	40	80	40	80	psi
Tank:					
Capacity:	60				gal
Material construction:	Low density polyethylene				
Type:	Open to atmosphere				
Fluid Connections (FNPT):	2				in
Wetted component material:	Non-Ferrous				
Evaporator:	Stainless steel copper brazed plate				
Gauge:	Pressure				
Electrical Data					
Voltage:	460				V
Phases:	3				~
Frequency:	60				Hz
Control:					
Voltage:	115				V
Phases:	1				~
Frequency:	60				Hz
Certifications/Standards:	UL1995				
Full loaded amps:	25.5		30.4		amps
Controller type:	Indoor: Carel EZ / Outdoor: Ranco ETC				
Additional Data					
Chiller dimensions (WxDxH):	57 x 37 x 68				in
Finish:	Indoor: RAL 7035 powdercoat / Outdoor: Galvanized				
Crated weight:	1350				Lbs

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

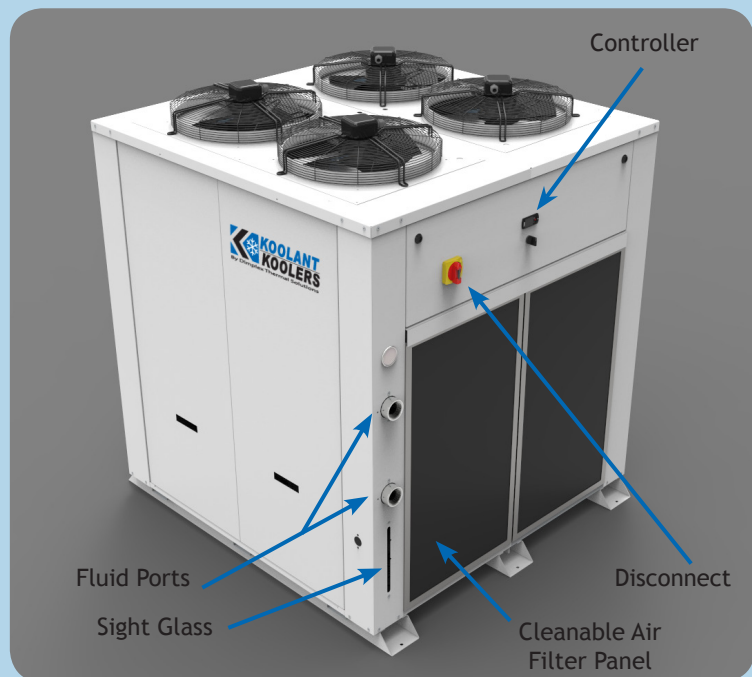
15 and 20 Ton S Series

Self-Contained Reliable Cooling

This durable chiller offers an indoor or outdoor design and provides the utmost in reliable operation and precise temperature control. A standard product offering with a wide range of options, this chiller can provide cooling in most applications and is available from 3 - 20 tons of cooling capacity.

Features Included:

- Air-cooled, closed loop
- Indoor or outdoor styles available
- Digital temperature controller
- Hermetic compressor
- Brazed plate evaporator
- Hot gas regulator
- Fused disconnect
- Vertical air discharge
- Cleanable air filters
- Manual bypass
- Fluid level sight glass
- Seamless plastic tank



Indoor layout shown.

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

Indoor Style:

- Ambient 50° F - 95° F
- Water or water/glycol (70/30)
- Carel EZ digital controller
- RAL 7035 powdercoated cabinet

Outdoor Style:

- Outdoor Ambient -20° F to 95° F
- Water/glycol (70/30)
- Ranco ETC digital controller
- Galvanized sheet metal cabinet

High-Flow Package:

- Auto water fill
- Inlet water filter
- High flow pump

Options:

- Auto makeup
- Inlet water filter
- Remotely located controller
- Service/maintenance packages

15 and 20 Ton S Series SPECIFICATIONS

Self-Contained Reliable Cooling

S Series	15 TON		20 TON		
	460/3/60 @45psi	460/3/60 @80psi	460/3/60 @45psi	460/3/60 @80psi	
Cooling					
Refrigerant:	407C				
Compressor type:	Scroll compressor				
Condenser type:	Fin and tube				
Climatic Data					
Site of installation:	Indoor and Outdoor Models Available				-
Ambient conditions:	Indoor: 50 to 95 Outdoor: -20 to 95				°F
Noise level:	82-86				dB(A)
Fluid Circuit					
Cooling capacity (60Hz):	180,000		240,000		Btu
Fluid temperature (outlet):	65 *				°F
Temperature stability:	3				°F
Cooling medium:	Indoor: water or water/glycol (70/30) Outdoor: water/glycol (70/30)				
Flow rate:	60	60	60	60	gpm
Pump pressure:	45	80	45	80	psi
Tank:					
Capacity:	86				gal
Material construction:	Low density polyethylene				
Type:	Open to atmosphere				
Fluid Connections (FNPT):	2				in
Wetted component material:	Non-Ferrous				
Evaporator:	Stainless steel copper brazed plate				
Gauge:	Pressure				
Electrical Data					
Voltage:	460				V
Phases:	3				~
Frequency:	60				Hz
Control:					
Voltage:	115				V
Phases:	1				~
Frequency:	60				Hz
Certifications/Standards:	UL1995				
Full loaded amps:	49.8		60.5		amps
Controller type:	Indoor: Carel EZ / Outdoor: Ranco ETC				
Additional Data					
Chiller dimensions (WxDxH):	57 x 60 x 68				in
Finish:	Indoor: RAL 7035 powdercoat / Outdoor: Galvanized				
Crated weight:	1800				Lbs

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