

# THE MOST COMPREHENSIVE RANGE OF CONDENSATE REMOVAL PUMPS

Asia Pacific

Africa

Europe

USA

AIR CONDITIONING

HEATING

REFRIGERATION



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FAST PLUG  
IN CONNECTION



NEW ANTI-VIBRATION  
MOUNTING BRACKET  
SUPPLIED



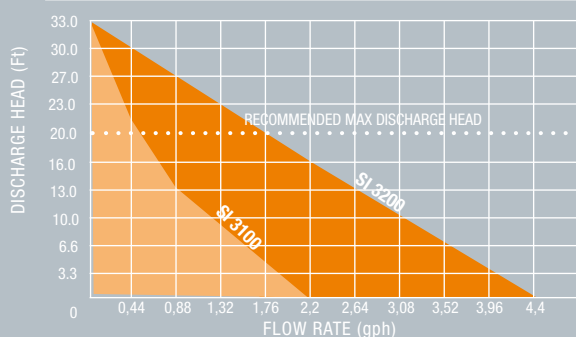
## SI 3100 / SI 3200

MINI CONDENSATE REMOVAL PUMPS  
for **2.8 tons** (33.6kBtu – 10kW) (SI 3100)  
up to **5.6 tons** (37.2kBtu – 20kW) (SI 3200)  
air conditioning units

TECHNICAL CHARACTERISTICS	SI 3100	SI 3200
Max flow rate	2.6 gph	5.3 gph
Max suction head	6.6 ft	
Max discharge head	20 ft	
Electric power	18 W	
Electric voltage	120V~60Hz 230V~50/60Hz	120V~60Hz 230V~60Hz
Alarm contact	NC 8 A resistive	
Thermal protection (overheat)	194°F	
Detection	remote	
Detection levels	On=0.63" Off=0.44" Alarm=0.75"	On=0.63" Off=0.43" Alarm=0.75"
Sound level at 3.3 ft	≤ 30 dBA	≤ 34 dBA
Safety standards	UL / CSA certified by Intertek Canada	UL / CSA certified by Intertek Canada
RoHS and WEEE european directives	complies	
Master pack quantity	25 pieces	

Ref. Sauermann SI 3100	SI3100SIUS11 or 23		
Ref. Sauermann SI 3200	SI3200SIUS11 or 23		
Dimensions	Length	Width	Height
Pump unit	2.6"	1.7"	2.4"
Detection unit	2.2"	1.5"	1.3"

**Kit content:** Pump / Detection unit / Rubber anti-vibration mounting bracket/  
5 ft power cable / Detection unit installation kit: blond rubber tube Ø 0.59" x 1.38",  
vent pipe Ø 0.16" x 0.24 – 2,95"long, self-adhesive mounting rail.



MANUFACTURER'S 2 YEAR WARRANTY

## AIR CONDITIONING

ALL SPLIT SYSTEMS

CONSOLE UNITS / FAN COILS

CEILING SUSPENDED UNITS / DUCTED UNITS

## SILENCE GUARANTEED FOR EXTREME COMFORT

The quietest range of mini two piece piston pumps on the market, specially designed for air conditioning units with limited internal space.

With the elimination of the filter these pumps are much less sensitive to clogging. The pump comes supplied with: rubber vibration damper bracket, detection unit with a 3 level float (On/Off/Alarm), 5 ft power supply cable, blond rubber tube Ø 0.59" x 1.38", vent tube Ø 0.16" x 0.24 – 2.95"long and self-adhesive mounting rail.

## ADVANTAGES

Minimum size

Reduced maintenance

Simple and easy slide assembly

No fine mesh filter

Comb for trapping large particles

Reversible pump mounting

## RECOMMENDED ACCESSORIES



PVC TUBING

**ACC 00105:** clear tubing Ø 0.24", 16.4 ft  
**ACC 00150:** clear tubing Ø 0.24", 164 ft



DRAINAGE FITTING

**ACC 00205:** 6 self-sealing fittings for connection of the discharge tube into drain/waste water pipe (for 0.24" inner Ø clear tubing).



# SI 1102 / SI 1200

## MONOBLOC CONDENSATE REMOVAL PUMPS for up to **2.8 tons** (33.6kBtu – 10kW) (SI1102) and up to **5.6 tons** (67.2kBtu – 20kW) (SI1200) air conditioning units



FAST PLUG  
IN CONNECTION

### AIR CONDITIONING

ALL SPLIT SYSTEMS

CONSOLE UNITS / FAN COILS

CEILING SUSPENDED UNITS / DUCTED UNITS

## MONO BLOC MINIMUM SIZE, MAXIMUM SILENCE

**Mono bloc piston pump with a built-in 3 level detection unit.** Its ergonomic design makes it ideal for connection directly at the tank outlet or directly beside the air conditioning unit. Its design and its vibration damper bracket mean, when running, it is one of the quietest on the market.

## ADVANTAGES

**Extremely silent operation**

**Complete installation kit \***

**Small size**

**Reduced maintenance:** the absence of a filter reduces clogging

**Fast connection**

**Reversible bracket**

## RECOMMENDED ACCESSORIES



### PVC TUBING

**ACC 00105:** clear tubing Ø 0.24", 16.4 ft  
**ACC 00150:** clear tubing Ø 0.24", 164 ft



### DRAINAGE FITTING

**ACC 00205:** 6 self-sealing fittings for connection of the discharge tube into drain/waste water pipe (for inner Ø 0.24" clear tubing).



### RUBBER ELBOW

**ACC 00208:** rubber elbow 90° Ø 0.59" x Ø 0.59" for connection to the detection unit inlet.



### RUBBER HOSE

**ACC 00209:** «S» type rubber hose, Ø 0.59" x Ø 0.59" for connection to the detection unit inlet.

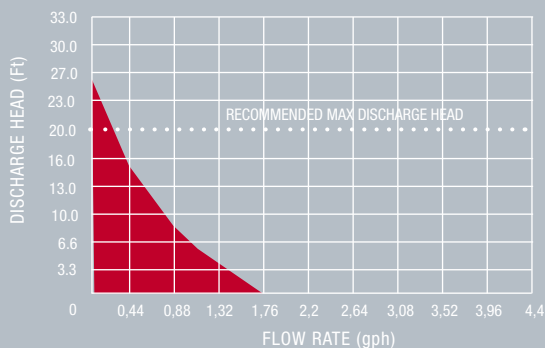
TECHNICAL CHARACTERISTICS	SI 1102	SI 1200
Max flow rate	2.6 gph	5.2 gph
Max discharge head	20 ft	20 ft
Electric power	18 W	
Electric voltage	120V~ 60Hz or 230V~ 50/60Hz	230V~ 50/60Hz
Alarm contact	NC 8 A resistive - 250 V	
Thermal protection (overheat)	194°F	
Detection	integrated	
Detection levels	On = 0.71", Off=0.47", Alarm = 0.83"	On=0.94", Off=0.75", Alarm =1.06"
Sound level at 3.3 ft	≤ 30 dBA	≤ 35 dBA
Safety standards	UL / CSA certified by Intertek Canada	
RoHS and WEEE european directives	complies	
Master pack quantity	25 pieces	

Ref. Sauer mann SI 1102      SI1102SIUS11 or 23  
Ref. Sauer mann SI 1200      SI1200SIUS23

Dimensions	Length	Width	Height
SI 1102 pump	2.6"	1.7"	3.0"
SI 1200 pump	2.6"	1.7"	3.3"

**\*Kit content:** Pump / 5 ft cable/ Metal bracket with soft rubber pads / Rubber inlet tube: Ø inner 0.59" x 1.38" / Vent tube.

MANUFACTURER'S 2 YEAR WARRANTY



ALL SPLIT SYSTEMS

AIR CONDITIONING CABINETS/ AIR HANDLING UNITS

CONSOLE UNITS/FAN COILS

CEILING SUSPENDED UNITS/DUCTED UNITS

## THE IDEAL COMBINATION: MINIMUM SIZE, MAX FLOW RATE

This two-piece condensate removal piston pump comes supplied with a detection unit fitted with a 3 level float (On/Off/Alarm).

The combination of its compact size and its power makes it ideal for high power wall or ceiling mounted air conditioning units.

## ADVANTAGES

Small size

High flow rate

Fast electrical connection by multi-pin connector

## RECOMMENDED ACCESSORIES



PVC TUBING

ACC 00105 : clear tubing Ø 24", 16.4 ft  
ACC 00150 : clear tubing Ø 24", 164 ft



DRAINAGE FITTING

ACC 00205 : 6 self-sealing fittings for connection of the discharge tube into drain/waste water pipe (for 0.24" int.Ø clear tubing).



FILTER

ACC 17010: in line filter

# SI 1730 CONDENSATE REMOVAL PUMP

for air conditioners up to  
**8.5 tons (102kBtu – 30kW)**

SI 2758 detector  
replaced by SI 2958  
detector

PRACTICAL:  
MULTI-PIN  
CONNECTOR

### TECHNICAL CHARACTERISTICS

Max flow rate	8 gph
Max suction head	4.9/8.3 ft
Max discharge head	33 ft
Electric power	35 W
Electric voltage	120V~ 60 Hz or 230V~ 50/60 Hz
Alarm contact	NO – NC 8 A resistive
Thermal protection (overheat)	194°F
Detection	remote
Sound level at 3.3 ft	≤ 42 dBA
Safety standards	UL / CSA certified by Intertek Canada
RoHS and WEEE european directives	complies
Master pack quantity	10 pieces

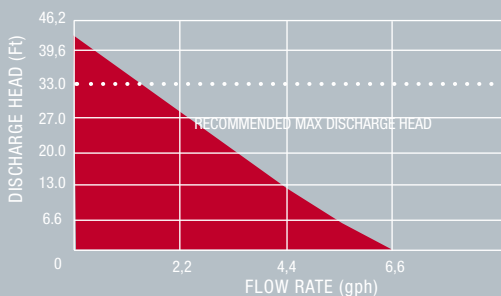
Ref. Sauermann SI 1730

SI1730SIUS11 or 23

Dimensions	Length	Width	Height
Pump unit	3.7"	2.9"	2"
Detection unit	2.2"	1.5"	1.3"

\*Kit content: Pump / Detection unit / 6 way connector (power: P, N, Ground + Alarm: C, NO, NC) and connector protector / Detection unit installation kit: blond rubber tube Ø 0.59" x 1.38", vent pipe Ø 0.16" x 0.24" – 2.95" long , self-adhesive mounting rail

MANUFACTURER'S 2 YEAR WARRANTY





# SI 1805 / SI 1820

## ONE-PIECE CENTRIFUGAL TANK PUMP

For gas furnaces, gas condensing boilers, air conditioning units and refrigerated display cabinets



SI 1805



SI 1820

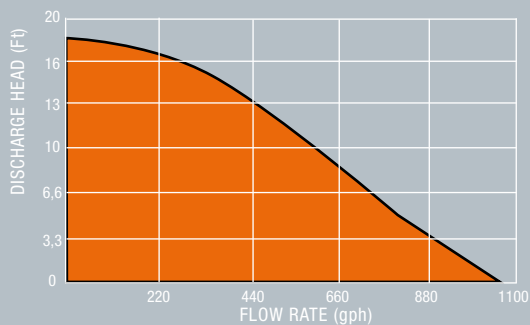
### TECHNICAL CHARACTERISTICS

	SI 1805	SI 1820
Max flow rate	132 gph	
Max discharge head	16 ft	
Max pressure head (shut off)	20 ft	
Electric power	90 W	
Electric voltage	120V ~ 60 Hz 230V ~ 50/60 Hz	
Alarm contact	NC 4 A resistive	
Thermal protection (overheating)	266°F	
Condensate temperature and acidity	176°F, pH > 3.4	
Detection	integrated	
Detection levels	On= 0.94", Off= 0.51", Alarm= 1.18"	On= 1.7", Off= 1.1", Alarm= 2.64"
Sound level at 3.3 ft	47 dBA	
Safety standards	UL / CSA certified by Intertek Canada	
RoHS and WEEE european directives	complies	
Master pack quantity	10 pieces	

Ref. Saueremann SI 1805  
Ref. Saueremann SI 1820

SI1805SIUS11 or 23  
SI1820SIUS11 or 23

Dimensions	Length	Width	Height	Tank
SI 1805 Pump unit	7.7"	5"	4.8"	0.13 USgal
SI 1820 Pump unit	7.7"	5"	6.7"	0.53 USgal



### Kit content:

- Pump
- Integrated check valve
- Installation kit: 2 screws and plugs
- Power cable : 3 core cable with electrical plug (120 V or 230 V), 6.5 ft
- Alarm wires: 3.2", 2 wires (NC contact)

MANUFACTURER'S 2 YEAR WARRANTY

HEATING

AIR CONDITIONING

REFRIGERATION

GAS FURNACES

GAS CONDENSING BOILERS

COLUMN AIR CONDITIONING UNITS

MULTI-CASSETTES

DUCTED UNITS

REFRIGERATED DISPLAY AND COLD STORE CABINETS

EVAPORATORS

DEHUMIDIFIERS

## SUITABLE FOR HIGH TEMPERATURES AND ACID CONDENSATES

One-piece centrifugal pumps (132 gph), suitable for lifting charged, high temperature (176°F) and acid condensates from gas condensing boilers, conditioning and refrigeration units.

## ADVANTAGES

High discharge head

Compact

High flow rate

Thermal protection (overheating) 266°F

Integrated check valve

## RECOMMENDED ACCESSORIES



### CONDENSATE INLET ADAPTORS FOR RIGID PIPE

ACC 00225 : for pipe outside Ø 1"

ACC 00230 : for pipe outside Ø 1-1/4"

ACC 00240 : for pipe outside Ø 1-1/2"



### CHECK VALVE

ACC 00801: Ø 0.39"








### PVC TUBING

ACC 00125: clear tubing inner Ø 0.39", 82ft


ACC 00120: clear tubing inner Ø 0.39", 20ft.

Part number		Application description	Technical Description	Packaging
ACC 00105		PVC clear tubing To connect the pump to the discharge outlet	Clear tubing inner Ø 0.24" - 16.4ft roll For SI 3100 / SI 3200 / SI1102 / SI 1200 / SI 1730	Plastic bag
ACC 00125		PVC clear tubing To connect the pump to the discharge outlet	Clear tubing inner Ø 0.39" - 82ft roll For SI 1805 / 1820	Dispenser box
ACC 00150		PVC clear tubing To connect the pump to the discharge outlet	Clear tubing inner Ø 0.24" - 164ft roll For SI 3100 / SI 3200 / SI1102 / SI 1200 / SI 1730	Dispenser box
ACC 00120		PVC tube clear tubing To connect the pump to the discharge outlet	Clear tubing inner Ø 0.39" - 20ft roll For SI 1805/ SI1820	Box
ACC 00106		Blond rubber tube To connect the condensates tank outlet to the detection unit	Blond rubber, inner Ø 0.59" int., 1.64ft, For SI 3100 / SI 3200 / SI1102 / SI 1200 / SI 1730	1 pc, plastic bag
ACC 00204		5 straight and 5 elbow connectors To connect 2 tubes	For inner Ø 0.24" tube For SI 3100 / SI 3200 / SI1102 / SI 1200 / SI 1730	5+5 pcs, blister
ACC 00205		6 self-sealing fittings for condensate removal	For inner Ø 0.24" tubing For SI3100/SI3200/SI1730	6 pcs, blister
ACC 00211		"T" connectors To connect 3 tubes	For inner Ø 0.24" tube For SI 3100 / SI 3200 / SI1102 / SI 1200 / SI 1730	5 pcs, blister
ACC 00208		90° Rubber elbow For connection to the detection unit inlet	Black rubber, , inner Ø 0.59" x Ø 0.59"	1 pc, blister
ACC 00209		«S» type rubber hose Enables to lower the detection unit position and reduce the water level for total drain pan drainage	Black rubber, inner Ø 0.59" x Ø 0.59"	1 pc, blister
ACC 00210		90° Rubber elbow To connect the detection unit inlet to the condensate tank	Black rubber, inner Ø 0.67" x Ø 0.59"	1 pc, blister
ACC 00212		Straight adapter to reduce mini-splits' drain hose length to facilitate installation of detection unit	Black or white plastic -Ø 0.55"to 0.67" or Ø 0.61" to 0.67"	5 pcs, blister
ACC 00225 ACC 00230 ACC 00240		Rubber condensate inlet adaptors. To connect two different diameter pipes together.	Black rubber connectors ACC00225 : for pipe outside Ø 1" ACC00230 : for pipe outside Ø 1 1/4" ACC00240 : for pipe outside Ø 1 1/2"	1 pc, blister

# ACCESSORIES

Part number	Application description	Technical Description	Packaging
ACC00401	 Test bottle To test pump without dismantling unit		1 pc
ACC 00703	 Extension To increase the distance between the detection unit and the pump	9.8ft long For SI 3100 / SI 3200 / SI 1730	1 pc, blister
ACC 00705	 Extension To increase the distance between the detection unit and the pump	16.4ft long For SI 3100 / SI 3200 / SI 1730	1 pc, blister
ACC 00801	 Check valve	For inner Ø 0.39" tubing For SI 1805 / SI 1820	1 pc, blister
ACC 00805	 Check valves	For inner Ø 0.24" tubing For SI 3100 / SI 3200 / SI 1730	5 pcs, blister
ACC 17010	 In line filter	For inner Ø 0.24" tubing For SI3100/SI3200/SI1730	1 pc, blister
SI 2958	 Detection unit	For tube: * IN: inner Ø 0.6" * OUT: inner Ø 0.24" For SI 3100 / SI 3200 / SI 1730	1 pc, blister
ACC00802/ ACC00806	Check valves+ rubber elbow for KS pumps	For inner Ø 0.39" tubing ACC00802: 2.24" radius ACC00806: 1.65" radius	100 pcs. in box

# OTHER PRODUCTS

Part number	Application description	Technical Description
KS2000 series pump	 The KS2000 centrifugal condensate lift pumps are designed to lift and remove charged/turgid condensates and are particularly adapted to cassette, ducted and ceiling suspended type air handling units.	- <b>KS2030</b> > flow rate: 5.28 gph at 31.5" (or 2.62 ft), use motor with a stator height of 0.63" - <b>KS2050</b> > flow rate: 5.28 gph at 37.4" (or 3.15 ft), use motor with a stator height of 0.79"

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