



PUMPS

SYSTEMS

ACCESSORIES

# Condensate removal



AIR CONDITIONING



HEATING



REFRIGERATION



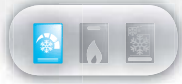
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AND HELP FOR INSTALLATION ON LINE.

[www.sauermannpumps.us](http://www.sauermannpumps.us)

# Si-30 mini condensate removal pump

For air-conditioners up to 5.6 tons (67 kBtu - 20 kW)

## VERSATILE TECHNOLOGY



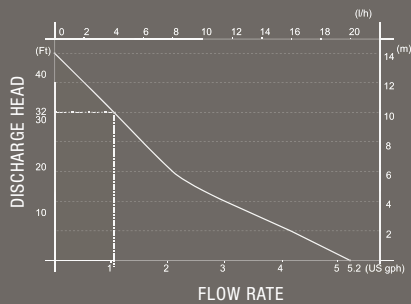
Wall mounted  
Fan coils  
Ceiling suspended units  
Ducted units



### TECHNICAL SPECIFICATIONS

- Max. flow rate : 5.0 gph (19 l/h)
- Max. suction head : 10 ft (3 m)
- Max. discharge head : 33ft (10 m) (flow rate= 1gph (4l/h))
- Sound level at 3.3ft (1m)\* : 20 dBA
- Mains supply : 120V ~ 60 Hz - 14 W (1)  
230 V ~ 50/60 Hz - 14 W (2)
- Detection levels : On : 5/8", Off : 7/16", Alarm : 3/4"  
(On : 16mm, Off : 11mm, Alarm : 19mm)
- Safety switch : NC 8A resistive - 250 V
- Thermal protection (overheating) : 194°F (90°C) auto-reset
- Protection : IP20
- Safety standards : UL/CSA certified by Intertek
- RoHS & WEEE directives : Compliant

\*according to EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)



Sauermann part # :  
SI3000SIUS11 (1) or SI3000SIUS23 (2)



Scan this QR code to check out the technical data sheet

### RECOMMENDED ACCESSORIES



- PVC Tubing (ACC00105, ACC00150)
- Self-sealing fittings to connect the discharge tube into drain/waste water pipe (ACC00205)
- Fitting to avoid siphon effect (ACC00216)

- Unmatched sound level
- Proven reliability
- High performance
- Energy saving

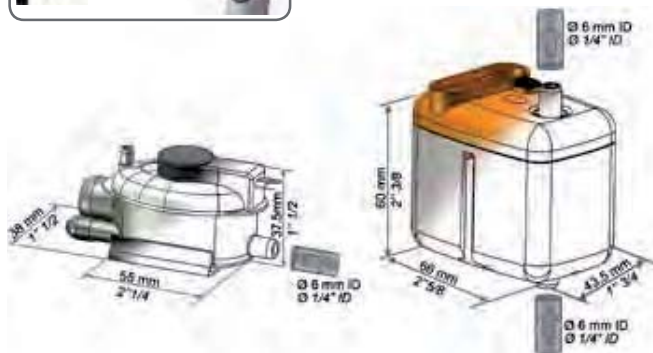


- One pump for any air conditioner up to 5.6 tons (67 kBtu - 20 kW).
- Sauermann patented technology inside, specifically designed for draining condensates from air conditioning systems.
- Unequalled operating sound level, <20 dBA, whatever the amount of condensates to drain.

### INSTALLATION



The detection unit is connected at the tank outlet. Thanks to its innovative mounting bracket, the Si-30 can be wall mounted or hung from ceiling and pipework.



### KIT CONTENTS

Piston pump, anti-vibration mounting bracket, plug in power cable with 2 safety switch wires (5ft - 1.5 m), 6 tie wraps, detection unit SI2958, with cable and installation kit: rubber elbow 90° Øint. 19/32" x 2"3/8 (Øint. 15 x L 60mm), vent tube Øint. 5/32" x L 2"15/16 (Øint. 4 x L 75 mm), mounting rail, adhesive.

**MANUFACTURER'S 2 YEAR WARRANTY**

# Si-33 mini condensate removal pump

For air-conditioners from 5.6 tons (67 kBtu - 20 kW)  
up to 8.4 tons (100 kBtu - 30 kW)

MAX FLOW RATE



Wall mounted  
Fan coils  
Ceiling suspended units  
Ducted units



- Proven reliability
- Exceptional performances
- Energy saving
- Easy to install

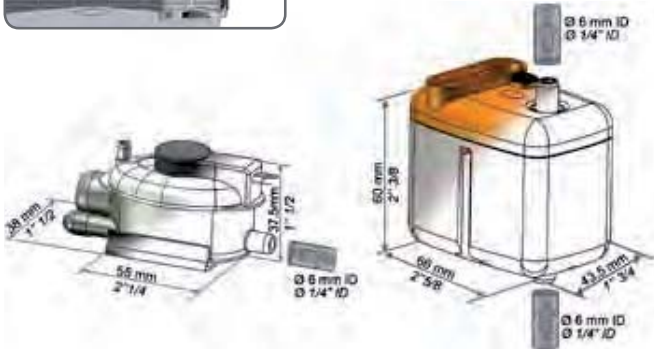
- The patented Sauermann technology inside the pump makes it fully reliable, in any kind of environment.

- The high performance and high flow rate seriously reduce operation time and energy consumption.

## INSTALLATION



The detection unit is connected at the tank outlet. Thanks to its innovative mounting bracket, the Si-33 can be wall mounted or hung from ceiling and pipework.



## KIT CONTENTS

Piston pump, anti-vibration mounting bracket, plug in power cable with 2 safety switch wires (5ft - 1.5 m), 6 tie wraps, detection unit SI2958, with cable and installation kit: rubber elbow 90° Øint. 19/32" x 2"3/8" (Øint. 15 x L 60mm), vent tube Øint. 5/32" x L 2"15/16 (Øint. 4 x L 75 mm), mounting rail, adhesive.

MANUFACTURER'S 2 YEAR WARRANTY

## TECHNICAL SPECIFICATIONS




Max. flow rate :	8.0 gph (30 l/h)
Max. suction head :	>10 ft (3 m)
Max. discharge head :	> 33ft (10 m) (flow rate= 1.8gph (7l/h))
Mains supply :	120V ~ 60 Hz - 22 W (1) 230 V ~ 50/60 Hz - 22 W (2)
Detection levels :	On : 5/8", Off : 7/16", Alarm : 3/4" (On :16mm, Off : 11mm, Alarm : 19mm)
Safety switch :	NC 8A resistive - 250 V
Thermal protection (overheating) :	194°F (90°C) auto-reset
Protection :	IP20
Safety standards :	UL/CSA certified by Intertek
RoHS & WEEE directives :	Compliant

Sauermann part # :  
SI3300SIUS11 (1) or SI3300SIUS23



Scan this QR code to check out the technical data sheet

## RECOMMENDED ACCESSORIES

-  PVC Tubing (ACC00105,ACC00150)
-  Self-sealing fittings to connect the discharge tube into drain/waste water pipe (ACC00205)
-  Fitting to avoid siphon effect (ACC00216)

PUMP

# Si-10 mini condensate removal pump

for air-conditioners up to 5.6 tons (67 kBtu - 20 kW)

SO RELIABLE



Wall mounted  
Fan coils  
Ceiling suspended units  
Ducted units

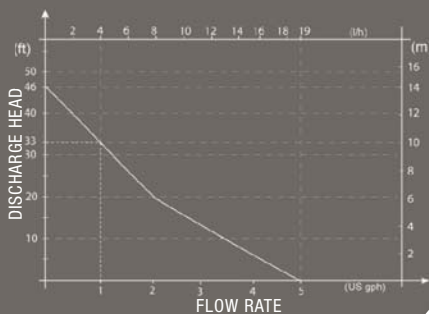


PUMP

## TECHNICAL SPECIFICATIONS

- Max. flow rate : 5.0 gph (19 l/h)
- Max. discharge head : 33ft (10 m) (flow rate= 1gph (4l/h))
- Max. pressure : 46ft (14 m) (flow rate= 0gph (0l/h))
- Sound level at 3.3ft (1m)\* : 23 dBA
- Mains supply : 120V ~ 60 Hz - 14 W (1)  
230 V ~ 50/60 Hz - 14 W (2)
- Detection levels : On : 23/32", Off : 15/32", Alarm : 13/16"  
(On : 18mm, Off : 12mm, Alarm : 21mm)
- Safety switch : NC 8A resistive - 250 V
- Thermal protection (overheating) : 194°F (90°C) auto-reset
- Protection : IP54
- Safety standards : UL/CSA certified by Intertek
- RoHS & WEEE directives : Compliant

\*according to EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)






Sauermann part # :  
SI1000SIUS11 (1) or SI1000SIUS23(2)



Scan this QR code to check out the technical data sheet

## RECOMMENDED ACCESSORIES

-  PVC Tubing (ACC00105, ACC00150)
-  Self-sealing fittings to connect the discharge tube into drain/waste water pipe (ACC00205)
-  Rubber elbow 90° and "S" type hose, for connection to the detection unit inlet (ACC00208, ACC00209)

- Unmatched reliability
- Low sound level
- Energy saving
- Easy to install

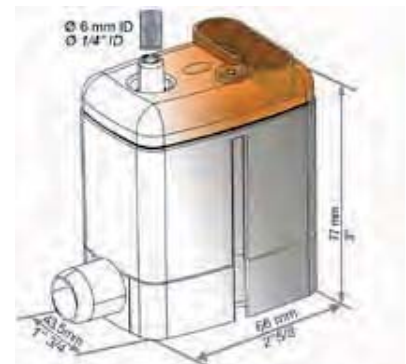


- Thanks to high performances, high resistance to pollution created by general environment.
- Silent, whatever the air-conditioning unit and amount of condensates to be removed.

## INSTALLATION



Built-in three level detection unit. Can be connected at the tank outlet or beside the air conditioner unit.



## KIT CONTENTS

Piston pump, anti-vibration mounting bracket, plug in power cable with 2 safety switch wires (5ft – 1.5 m), rubber elbow 90° Øint. 19/32" x 2"3/8 (Øint. 15 x L 60mm), vent tube Øint. 5/32" x L 2"15/16 (Øint. 4 x L 75 mm).

MANUFACTURER'S 2 YEAR WARRANTY

# Delta Pack ready to fit assembly

for wall mounted air conditioners up to 5.6 tons (67 kBtu - 20 kW)



READY TO INSTALL



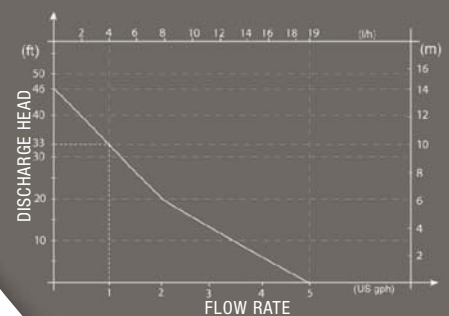
Wall mounted

SYSTEM

## TECHNICAL SPECIFICATIONS

- Max. flow rate : 5.0 gph (19 l/h)
- Max. discharge head : 33ft (10 m) ( flow rate= 1gph (4l/h))
- Max. pressure : 46ft (14 m) ( flow rate= 0gph (0l/h))
- Sound level at 3.3ft (1m)\* : 23 dBA
- Mains supply : 120V ~ 60 Hz - 14 W (1)
- 230 V ~ 50/60 Hz - 14 W (2)
- Detection levels : On : 23/32", Off : 15/32", Alarm : 13/16"
- (On :18mm, Off : 12mm, Alarm : 21mm)
- Safety switch : NC 8A resistive - 250 V
- Thermal protection (overheating) : 194°F (90°C) auto-reset
- Protection : IP54
- Safety standards : UL/CSA certified by Intertek
- RoHS & WEEE directives : Compliant

\*according to EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)



Sauermann part # :  
DP1000SIUS11(1) or DP1000SIUS 23 (2)



Scan this QR code to check out the technical data sheet



- › Complete installation kit
- › Large space for routing refrigeration line sets
- › Easy plug in electrical connection
- › Reduced maintenance
- › Low sound level

- Contents specifically designed for a quick installation of the pump inside an elbow.
- Includes an Si-10 pump, equipped with the patented Sauermann technology. Insulation foam, anti vibration bracket and direct wall mounting make it silent.

## INSTALLATION



Installation on the wall, on the right or on the left of the air conditioner.



## KIT CONTENTS

Si-10 piston pump, anti-vibrating reversible mounting bracket, plug in power cable with 2 safety switch wires (5ft – 1.5 m), elbow (flat bend), 30" (750mm) of duct model 3"5/32 x 2"3/8 (80x60mm), 20" (500mm) of rubber tube Øint. 19/32" (15 mm), rubber joint, ceiling duct cover, tie-wraps, 4 screws + 4 rawl plugs + 2 washers, vent tube Øint. 5/32" x L 2"15/16 (Øint. 4 x L 75 mm)

MANUFACTURER'S 2 YEAR WARRANTY

## RECOMMENDED ACCESSORIES



PVC Tubing (ACC00105,ACC00150)



Self-sealing fittings to connect the discharge tube into drain/waste water pipe (ACC00205)

# SI1800 SI1805

## centrifugal tank pumps

for gas condensing boilers, air conditioners  
and refrigerated display cabinets

### BUILT TO RESIST



Gas furnaces / Gas condensing boilers  
Column air conditioning units / Multi-cassettes / Ducted units  
Refrigerated display / Cold store cabinets  
Evaporators



SI1800

SI1805

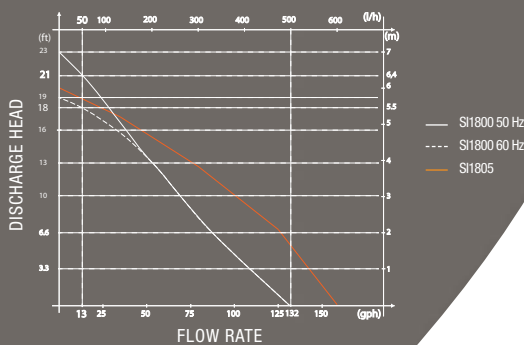
- High performance
- Installation in any place
- Easy hydraulic connection
- High resistance



### TECHNICAL SPECIFICATIONS

	SI1800	SI1805
Max. flow rate	132gph (500 l/h)	
Max. discharge head	21ft (6.4m) @ 60Hz 18ft (5.5m) @ 50Hz	16 ft (5,4m)
Sound level*	≤ 45 dBA	
Mains supply	120V~ 60Hz - 85 W - 1.45A(1) (3) 230V~ 50/60Hz - 80 W - 0.72A(2) (4)	120V~ 60 Hz - 1.5A 90W (3) 230V~ 50/60Hz - 0.8A 90 W (3)
Detection levels	On : 2"3/32, Off : 1"21/32, Alarm(3) (4): 2"1/2 (On: 53mm, Off: 42mm, Alarm (3) (4): 64mm)	On : 1 1/4" Off : 1", Al : 1 9/16" (On : 32mm, Off : 25mm, Al : 39mm)
Safety switch (3) (4)	NC 4 A resistive - 42V peak	NC 4 A resistive
Max. condensate temperature	150°F (65°C), short peak 176°F (80°C) - 1min	149°F (65°C) (short peak 176°F (80°C) - 1min)
Max. condensate acidity	pH > 2.5	pH > 3.4
Thermal protection (overheating)	248°F (120°C) auto-reset	266°F (130°C) auto-reset
Protection	IP20	

\*according to EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)



Sauer mann part # : SI1800SCUS11 (1) SI1800SCUS23 (2)  
SI1801SCUS11 (3) SI1801SCUS23 (4)  
SI1805SCUS11 (5) SI1805SCUS23 (6)



SI1800 SI1805

Scan these QR code to check  
out the technical  
data sheets

### RECOMMENDED ACCESSORY

#### pH Safe1

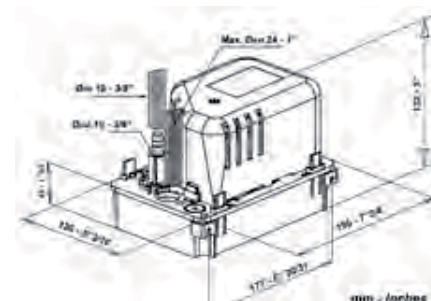
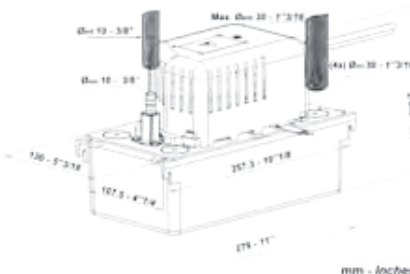
For the SI1800, a neutralisation  
cartridge to neutralize acidic  
condensates produced by gas  
condensing boilers in order to preserve  
both pipework and environment.



### INSTALLATION



SI1800 can be floor mounted, attached on a wall or hanging  
from a ceiling. Easily removable tank and reversible pump.



### KIT CONTENTS

**SI1800** : One-piece centrifugal pump with ½ gal (2L) tank, integrated barb end check valve Øext 3/8" (10 mm), power cord, 6ft (1.8m), with US plug (120 or 230V type), safety switch wires (3)(4), 1ft (0.3m), bare ends, Adaptor (3)(4) Øint 5/8"-3/4"-1"-1"1/4"-1"1/2 (15/17-20-24/25-32-40 mm) 2 screws + 2 plugs.  
**SI1805** : Integrated tank pump of 0,13 gal (0.5l), installation kit (2 screws and plugs), power cable : 3 core cable with electrical plug (120 V or 230 V), 6.5 ft · safety switch: 2 black wires 1.0 ft · Inlet rubber adapter Ø 1".

MANUFACTURER'S 2 YEAR WARRANTY

PART NUMBER	APPLICATION DESCRIPTION *	TECHNICAL DESCRIPTION	PACKAGING
ACC 00105 ACC 00150	PVC clear tubing To connect the pump to the discharge outlet	Inner Ø 1/4" - ACC 00105 : 16 7/16 ft roll ACC 00150 : 164ft roll For Si-30, Si-33, Si-10	Plastic bag Skin packaging
ACC 00120 ACC 00125	PVC clear tubing To connect the pump to the discharge outlet	Inner Ø 3/8". ACC 00120 : 20ft roll ACC 00125 : 82ft roll For SI 1800, SI 1805	Cardboard box Skin packaging
ACC 00106	Blond rubber tube. To connect the condensates tank outlet to the detection unit.	Blond rubber, inner Ø 3/8" int., 1 5/8ft, For Si-30, Si-33, Si-10	1 pc, plastic bag
ACC 00110	Rubber condensate inlet adaptors. To connect two different diameter pipes together.	1 pc for pipe outside Ø 1" 1 pc for pipe outside Ø 1 1/4" 1 pc for pipe outside Ø 1 1/2" For SI 1800, SI 1805	3 pc, blister
ACC 00201	Adaptor. To reduce diameter between condensate tank and the detection unit inlet.	Ø 7/8" mm ext. to Ø 11/16 mm ext. For Si-30, Si-33, Si-10	1 pc, blister
ACC 00202	Adaptor. To reduce diameter between condensate tank and the detection unit inlet.	Ø 1 1/4 ext. to Ø 11/16 mm ext. For Si-30, Si-33, Si-10	1 pc, blister
ACC 00203	Adaptor. To reduce flow and diameter between condensate tank and the detection unit inlet.	Ø 1 1/4 mm ext. to Ø 11/16 mm ext. For Si-30, Si-33, Si-10	1 pc, blister
ACC 00204	5 straight and 5 elbow connectors To connect 2 tubes	For inner Ø 1/4" tube For Si-30, Si-33, Si-10	5+5 pcs, blister
ACC 00205	6 self-sealing fittings for condensate removal	For inner Ø 1/4" tubing For Si-30, Si-33, Si-10	6 pcs, blister
ACC 00208	90° Rubber elbow For connection to the detection unit inlet	Black rubber, inner Ø 19/32" x Ø 19/32"	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 19/32" x Ø 19/32"	1 pc, blister
ACC 00210	90° Rubber elbow. To connect the detection unit inlet to the condensate tank	Black rubber, inner Ø 5/8" x Ø 19/32"	1 pc, blister
ACC 00211	"T" connectors To connect 3 tubes	For inner Ø 1/4" tube For Si-30, Si-33, Si-10	5 pcs, blister
ACC 00212	Straight adapter to reduce mini-splits' drain hose length to facilitate installation of detection unit	Black or white plastic - Ø 9/16" to 5/8" or Ø 39/64" to 5/8"	5 pcs, blister
ACC 00216	Anti siphon fitting	For inner Ø 1/4" tubes	
ACC 00225 ACC 00230 ACC 00240	Rubber condensate inlet adaptors. To connect two different diameter pipes together.	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" Pour SI 1800 / SI 1805	1 pc, blister
ACC00401	Test bottle To test pump without dismantling unit		1 pc
ACC 00703 ACC 00705	Extension. To increase the distance between the detection unit and the pump	ACC 00703 : 16 ft 13/32 long ACC 00705 : 9 ft 13/16 ft long For Si-30, Si-33	1 pc, blister
ACC 00801	Check valve	For inner Ø 3/8" tubing For SI 1800 / SI 1805	1 pc, blister
ACC 00805	Check valves	For Ø 1/4" int. (¼") tube For Si-30, Si-33	5 pcs, blister
ACC 17010	In line filter	For inner Ø 1/4" tubing For Si-30, Si-33	1 pc, blister
SI 2958	Detection unit	For tube: IN: inner Ø 19/32" OUT: inner Ø 1/4" For Si-30, Si-33	1 pc, blister
ACC00802/ ACC00806	Check valves+ rubber elbow for KS pumps	For inner Ø 3/8" tubing ACC00802: Ø 2 1/4" -ACC00806: Ø 1 5/8"	100 pcs. in box
PH0100SIUN23	pH Safe 1 Neutralisation cartridge	For inner SI1800	

ACCESSORIES

## OTHER PRODUCTS

### 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.

- **KS2030** > flow rate: 6.34 gph at 31.5" (or 2.62 ft), use motor with a stator height of 0.63"
- **KS2050** > flow rate: 6.34 gph at 37.4" (or 3.15 ft), use motor with a stator height of 0.79"



\* Accessories are only guaranteed for the applications for which they are recommended.

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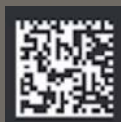
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