



PUMPS

SYSTEMS

ACCESSORIES

# CONDENSATE REMOVAL



AIR CONDITIONING



HEATING



REFRIGERATION





# SAUERMANN INSIDE

## Revolutionary piston pump technology



- Unmatched sound level
- Exceptional performance
- Proven reliability
- Vastly reduced energy consumption

For all air conditioners up to 30 kW



# Si-30 Mini condensate removal pump

For air conditioning units up to 20 kW

## VERSATILE TECHNOLOGY



Wall mounted  
Fan coil  
Ceiling suspended  
Ducted

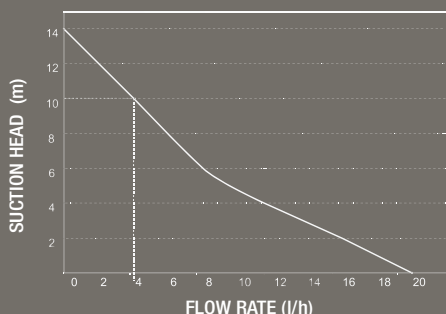


PUMP

### TECHNICAL SPECIFICATION

Max. flow rate	20 l/h
Max. suction head	3 m
Max. discharge head	10 m (flow rate= 4l/h)
Sound level at 1m*	20 dBA
Mains supply	230 V ~ 50/60 Hz - 14 W
Detection levels	ON: 16mm, OFF: 11mm, AL: 19mm
Safety switch	NC 8A resistive - 250 V
Thermal protection (overheating)	90°C, auto-reset
Protection	IP20
Safety standards	CE
RoHS & DEEE directives	Compliant

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



Sauermann part # : SI3000SIUN23

- > Unmatched sound level : < 20 dBA
- > Proven reliability
- > High performance
- > Energy saving



- One pump for any air conditioner up to 20 kW.

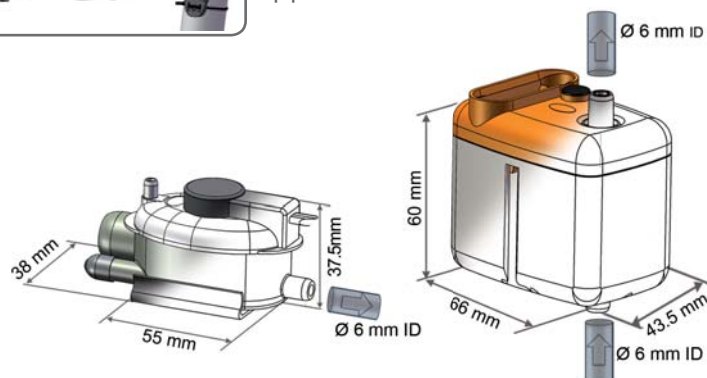
- Sauermann patented technology inside, specifically designed for discharging condensates from air conditioning systems.

- Unequalled operating sound level, < 20 dBA, whatever the volume of condensates being discharged.

### INSTALLATION

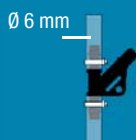
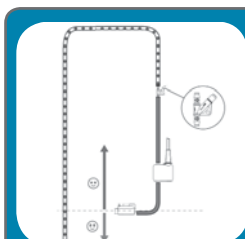


The detection unit is connected to the system outlet. With a new mounting bracket, the Si-30 can be wall mounted or hung from ceilings and pipework.



### RECOMMENDED ACCESSORY

ACC00216  
NO MORE SIPHON EFFECT  
NEW Fitting to avoid siphon effect  
Even more efficient  
Easy to install



### KIT CONTENTS

Piston pump, anti-vibration mounting bracket, plug in power cable with 2 safety switch wires NC (1,5 m), 6 tie wraps 25x100 mm, detection unit SI2958, with cable (1,5 m) and installation kit: rubber elbow 90° Øint. 15 x L 60 mm, vent tube Øint. 4 x L 75 mm, mounting rail, adhesive.

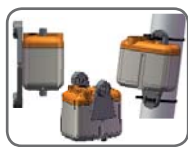
# Si-33 Mini condensate removal pump

For air conditioners from 20 kW up to 30 kW

## HIGH PERFORMANCE



Wall mounted  
Fan coil  
Ceiling suspended  
Ducted



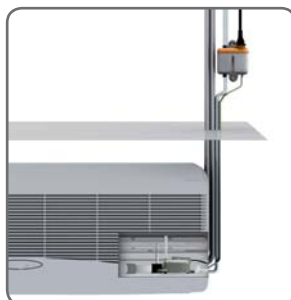
- Proven reliability
- Exceptional performances
- Energy saving
- Easy to install

- High performance pump suitable for air-conditioning units above 20 kW and up to 30 kW.

- New sauermann inside technology that can be used in any kind of environment.

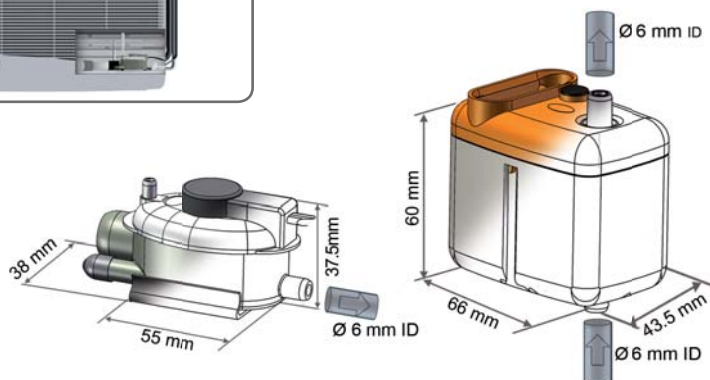
- The high performance and high flow rate reduces run time and energy consumption.

### INSTALLATION



With a new mounting bracket, the Si-30 can be wall mounted or hung from ceilings and pipework.

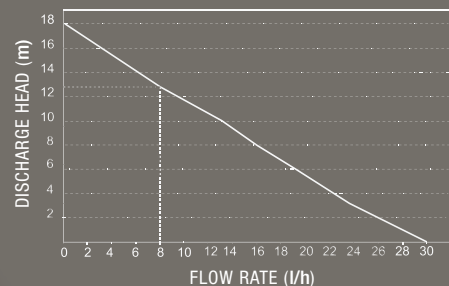
The detection unit is connected to the system outlet.



### TECHNICAL SPECIFICATION

Max. flow rate	30 l/h
Max. suction head	4 m
Max. discharge head	13 m (flow rate = 8 l/h)
Sound level at 1m*	34 dBA
Mains supply	230 V ~ 50/60 Hz - 21 W
Detection levels	ON: 16mm, OFF: 11mm, AL: 19mm
Safety switch	NC 8 A resistive - 250 V
Thermal protection (overheating)	90°C (auto-reset)
Protection	IP20
Safety standards	CE
RoHS & DEEE directives	Compliant

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

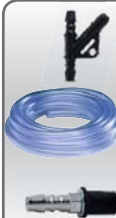


Sauermann part # : SI3300SIUN23

### KIT CONTENTS

Piston pump, anti-vibration mounting bracket, plug in power cable with 2 safety switch wires (1,5 m), 6 tie wraps, detection unit SI2958, with cable and installation kit: rubber elbow 90° Øint. 15 x L 60mm, vent tube Øint. 4 x L 75 mm, mounting rail, adhesive.

### RECOMMENDED ACCESSORIES



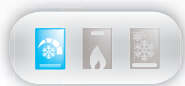
**NEW** : Fitting to avoid siphon effect (ACC00216)

PVC Tubing Ø6mmint. (ACC00105, ACC00150)

Self-sealing fittings for connection of the discharge tube into drain/waste water pipe (ACC00205)

# Delta Pack Ready to fit assemblies

## Delta Fix For wall mounted air conditioners



Wall mounted air conditioning units



READY TO INSTALL

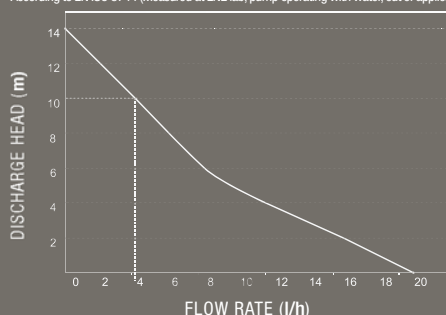


SYSTEMS

### TECHNICAL SPECIFICATION

Max. flow rate	20l/h
Max. discharge head	10 m (flow rate= 4l/h)
Sound level at 1m*	23 dBA
Mains supply	230 V ~ 50/60 Hz - 14 W
Detection levels	On=18mm, Off=12mm, Alarm=21mm
Safety switch	NC 8 A resistive - 250 V
Thermal protection (overheating)	90°C (auto-reset)
Protection	IP54
Safety standards	CE
RoHS & WEEE directives	Compliant

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



Sauerermann part # : DP1000SIUN23  
DF1000SIUN23

### RECOMMENDED ACCESSORIES



PVC Tubing  
(ACC00105, ACC00150)



Self-sealing fittings for  
connection of the discharge  
tube into drain/waste water  
pipe (ACC00205)

### Complete installation kits

- Designed to allow a simple installation of a condensate removal pump at the side of a wall mounted air conditioning unit.
- Complete with an Si-10 pump.
- New installation bracket to allow quick fix to the wall.



### INSTALLATION



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

### DELTA PACK CONTENTS

Si-10 Piston pump with Integrated float detection unit - Anti-vibrating reversible mounting bracket - Plug in power cable with 2 safety switch wires (1,5 m) - Pump cover (flat bend) - 750 mm of duct model 80x60mm - 500mm rubber tube Øint. 15mm - Rubber Joint for junction to the A/C unit - Ceiling duct cover - 3 tie-wraps - 4 screws + rawl plugs + 2 washers - Vent tube Øint. 4 x L 75 mm.

### DELTA FIX CONTENTS

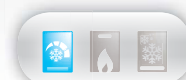
Si-10 piston pump - Anti-vibrating reversible mounting bracket - 1.5 m plug-in cable (2 power wires and 2 safety switch wires NC) - Pump cover (flat bend) - 500mm rubber tube Øint. 15mm - Rubber joint for junction to the A/C unit - 3 tie-wraps - 4 screws + 4 rawl plugs + 2 washers - Vent tube Øint. 4 x L 75 mm.



# Si-10 Mini condensate removal pump

For wall mounted air conditioning units up 20 kW

SO RELIABLE



Wall mounted  
Fan coils  
Ceiling suspended / ducted



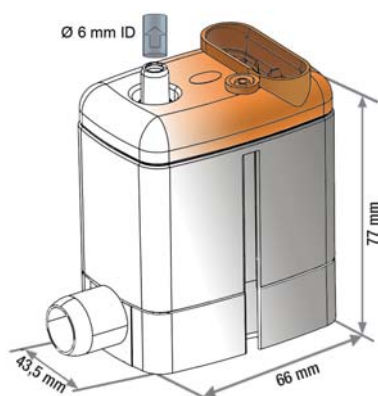
- Unmatched reliability
- Easy plug in electrical connection
- Low sound level : 23dBA
- Energy saving

- Highly resistance to pollution created by general environment.
- Quite in operation.

## INSTALLATION



Built-in three level detection unit.  
Can be connected at the tank outlet or beside the air conditioning unit.  
Can be wall mounted or hung from pipework.  
Replacement pump for Delta Pack.



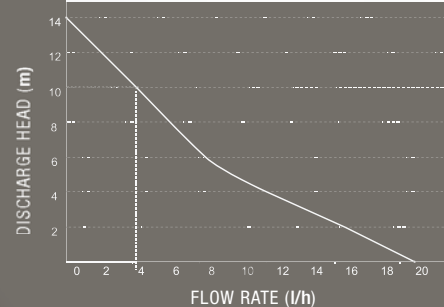
## KIT CONTENTS

Piston pump - Integrated float detection unit - Anti-vibration mounting bracket  
- Plug in power cable with 2 safety switch wires (1,5 m) - Rubber elbow 90°  
Øint.15 x L 60mm - Vent tube Øint. 4 x L 75 mm

## TECHNICAL SPECIFICATION

Max. flow rate	20l/h
Max. discharge head	10 m (flow rate= 4l/h)
Sound level at 1m*	23 dBA
Mains supply	230 V ~ 50/60 Hz - 14 W
Detection levels	ON : 18mm, OFF : 12mm, AL : 21mm
Safety switch	NC 8 A resistive - 250 V
Thermal protection (overheating)	90°C (auto-reset)
Protection	IP54
Safety standards	CE
RoHS & WEEE directives	Compliant

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



Sauerermann part # : SI1000SIUN23

## RECOMMENDED ACCESSORIES



PVC Tubing  
(ACC00105,ACC00150)



Self-sealing fittings for  
connection of the discharge  
tube into drain/waste water  
pipe (ACC00205)



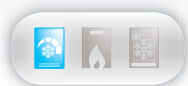
Rubber elbow 90° and "S"  
type hose, for connection to the  
detection unit inlet (ACC 00208  
- ACC00209)

# SI 2750

## Mini pump

For air conditioners up to 10 kW

### HIGH CAPACITY



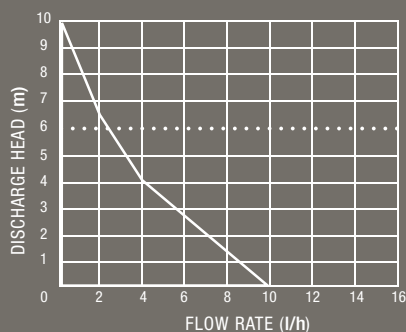
Wall mounted  
Fan coil  
Ceiling suspended / ducted

PUMP

### TECHNICAL SPECIFICATION

Max. flow rate	10 l/h
Max. suction head	2 m
Max. discharge head	6 m
Sound level at 1m*	< 32 dBA
Mains supply	230 V ~ 50/60 Hz - 18W
Detection levels	ON : 16mm, OFF : 11mm, AL: 19mm
Safety switch	NC 8A resistive - 250 V
Thermal protection (overheating)	90°C
Protection	IP20
Safety standards	CE

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



Sauermann part # : SI2750SIUN23N



- Compact size
- Low sound level

- Compact pump, designed for air conditioning units with limited interior space.
- Its reputation and reliability make it particularly attractive and competitive.

### INSTALLATION



The detection unit is connected to the system outlet.  
The pump is be wall mounted.

### KIT CONTENTS

Piston pump - Detection unit / detection unit - Installation kit: 35 mm blond rubber Ø 15 mm, vent pipe Ø 4x6 mm – 75 mm, self-adhesive mounting rail.

### RECOMMENDED ACCESSORIES





# Si-60 Monobloc pump with built in tank

For air conditioners up to 20 kW



COMPACT DESIGN



Floor mounted  
Ceiling suspended  
Ducted units  
Fan-coils

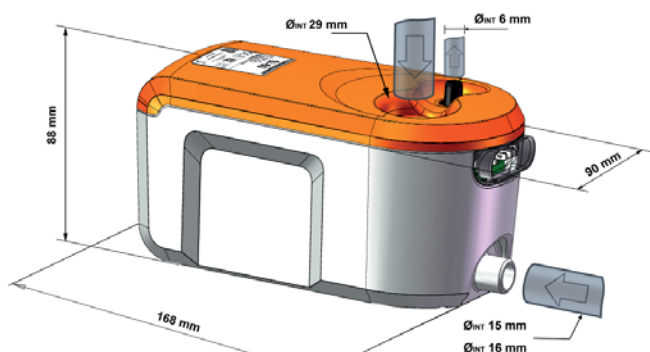


- Attractive, ergonomic and compact design
- High flow rate
- Not sensitive to clogging
- Easy plug in electrical connection
- High performance
- Energy saving

- The new Sauermann patented technology inside a piston pump with built in tank.
- Patented detection system not sensitive to clogging, whatever the environment.
- Suitable for any air conditioner up to 20 kW.
- Plug-in power cord and easily removable tank.

## INSTALLATION

Condensate inlet on the top or on the front side.  
Pump can be installed directly in the condensate tray.



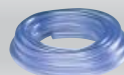
Tank : 0,5 l

## TECHNICAL SPECIFICATION

Max. flow rate	20l/h
Max. discharge head	10 m ( flow rate= 4l/h)
Sound level at 1m*	38 dBA
Mains supply	230 V ~ 50/60 Hz - 14 W
Safety switch	NC 8 A resistive - 250 V
Thermal protection (overheating)	90°C (auto-reset)
Protection	IPX4
Safety standards	CE
RoHS & WEEE directives	Compliant

Sauermann part # : SI6000SIUN23

## RECOMMENDED ACCESSORY



PVC Tubing (ACC00105,ACC00150)

# SI 1830

## Centrifugal tank pump

For oil condensing boilers, air conditioning units and refrigerated display cabinets

### HIGH RESISTANCE



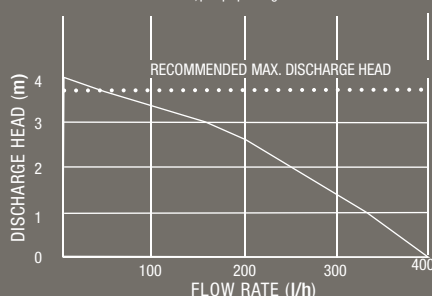
Oil condensing boilers  
Gas condensing boilers  
Column air conditioning units  
Multi-cassettes cold store cabinets  
Evaporators  
Gas furnaces

PUMP

### TECHNICAL SPECIFICATION

Max. flow rate	400 l/h
Max. discharge head	3,7 m
Sound level* at 1 m*	≤ 43 dBA
Mains supply	230 V~ 50 Hz- 75 W
Detection levels	ON : 27 mm, OFF : 21mm, AL : 32mm
Safety switch	NF 4 A résistif - 250 V
Max. condensate temperature	120° C (redémarrage automatique)
Thermal protection (overheating)	65°C, (80°C pendant 1min), pH ≥ 2
Protection	IPX4
Safety standards	CE
RoHS & WEEE directives	Conformes

\* Measured in Sauermann acoustic lab, pump operating with water



Sauermann part # : SI1830SCAN23



- Waterproof : IP X4
- Low sound level
- Compact design
- Semi-submersible design

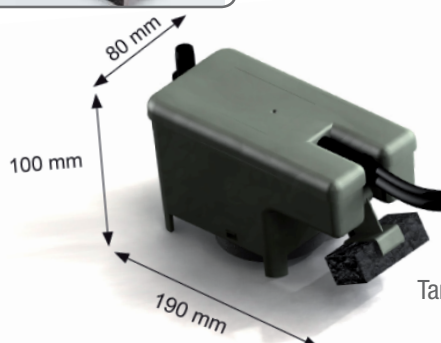


- Designed for oil condensing boilers, the SI 1830 can handle acidic and high temperature condensates.
- Compact design, can be installed where there are space restrictions
- Can be fitted directly inside the condensate drain tray

### INSTALLATION



Easily removable and reversible tank.



Tank : 0.5 l

### RECOMMENDED ACCESSORIES



Condensate input adaptors (ACC00225, ACC00230, ACC00240)

PVC tubing (ACC00125, ACC00126)

### KIT CONTENTS

Integrated tank pump of 0.5 l - Integrated check valve - Power cable : 1.5 m bare ends (L, N, G) - Safety switch wires : 1 m - 2 screws + 2 rawl plugs - clear PVC tubing : 5m roll, Ø int. 10 mm (3/8") - 10 to 10 mm (3/8" to 3/8") adaptor for clear tubing Ø int. 10 mm extension - Ø 10 to 20 mm (3/8" to 3/4") outlet adaptor for rigid tubing Ø int. 20mm

# Si-82 Centrifugal tank pump

For gas condensing boilers

## BUILT TO RESIST



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



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

- High performance, suitable for air conditioning units and industrial refrigeration displays.

- Strong, tolerates charged, high temperature and mild acidic condensates produced by gas condensing boilers

### INSTALLATION



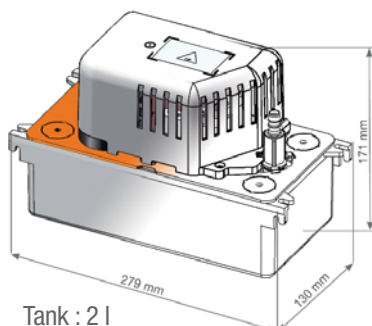
Can be floor mounted, attached on a wall or hanging from a ceiling.

Easily removable tank and reversible pump, for an installation on the right or on the left of the application.

### KIT CONTENTS

**PACK 1 :** One-piece centrifugal pump with tank (2L) - Integrated barb end check valve Øext 10 mm (3/8") - Plug-in power (2m, European plug) & safety switch cord (1.5m, bare ends) - Straight connector Øext 10 mm (3/8") - Øext 6 mm (1/4") - 2 screws + 2 plugs.

**PACK 2 :** One-piece centrifugal pump with tank (2L) - Integrated barb end check valve Øext 10 mm (3/8") - Plug-in power (1.5m, European plug) & safety switch cord (1.5m, bare ends) - Inlet hose : 5 m roll Øint. 10 mm (3/8") - Adaptor Øint. 15/17-20-24/25-32-40 mm ((5/8" - 3/4" - 1" - 1 1/4" - 1 1/2") - 2 screws + 2 plugs.

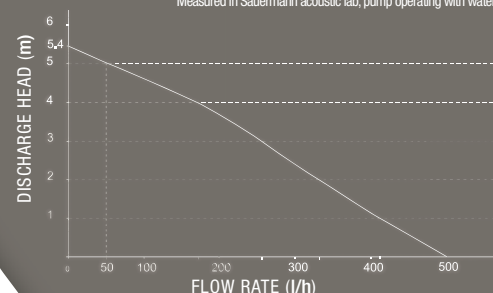


Tank : 2 l

### TECHNICAL SPECIFICATION

Max. flow rate	500 l/h
Max. discharge head	5.0m
Sound level at 1m*	≤ 45 dBA
Alimentation électrique	230V~ 50Hz - 70 W - 0.67A
Mains supply	ON: 53mm, OFF: 42mm, AL: 64mm
Detection levels	NC 4 A resistive - 250 v
Safety switch	65°C, 80°C in short peak
Max. condensate temperature	pH > 2.5
Max. condensate acidity	105°C auto-reset
Thermal protection (overheating)	IP20
Protection	CE
Safety standards	Compliant

\* Measured in Sauermann acoustic lab, pump operating with water



Sauermann part # :

SI8200SCUN23

SI8202SCUN23

ACCESSORY



### pH Safe 1 NEUTRALISATION CARTRIDGE

For gas condensing boilers

A neutralisation cartridge\* to neutralize acidic condensates produced by gas condensing boilers in order to preserve both pipework and environment.

\* Brevet FR1153048

# SI 1805

## Centrifugal tank pump

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

COMPACT DESIGN



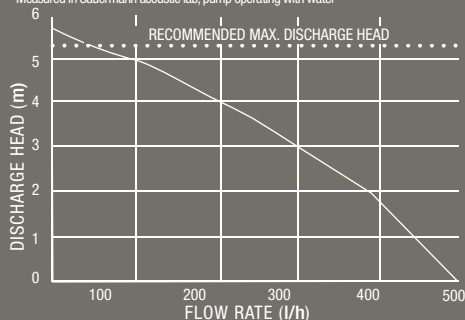
Gas condensing boilers  
Column air conditioning units  
Multi-cassettes  
Ducted units  
Refrigerated displays  
Cold store cabinets  
Evaporators  
Gas furnaces

PUMP

### TECHNICAL SPECIFICATION

Max. flow rate	500 l/h
Max. discharge head	5,4 m
Sound level*	≤ 47 dBA
Mains supply	230V~ 50/60Hz - 90 W
Detection levels	ON: 32mm, OFF: 25mm, AL: 39mm
Safety switch	NC 4 A resistive – 250 v
Max. condensate temperature	65°C, 80°C in short peak
Max. condensate acidity	pH > 3,4
Thermal protection (overheating)	120°C auto-reset
Protection	IP20
Safety standards	CE
RoHS & WEEE directives	Compliant

\*Measured in Sauermann acoustic lab, pump operating with water



Sauermann part # : SI1805SIUN23

### RECOMMENDED ACCESSORIES



Condensate input adaptors  
(ACC00225, ACC00230, ACC00240)

Self sealing fitting to connect the discharge tube into drain/waste water pipe (ACC00215)



- 5.4 meter discharge head
- 500 l/h pumping capacity
- Compact design

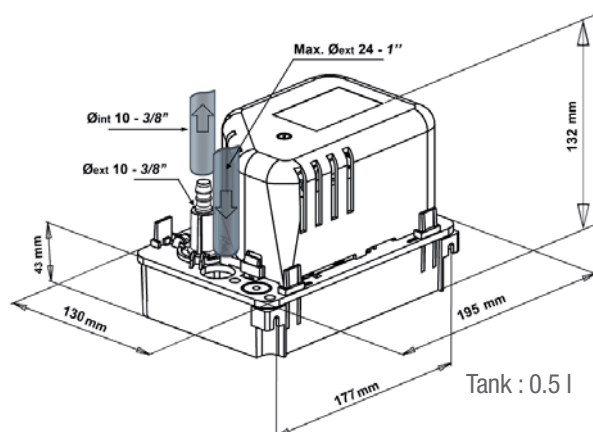


- Capable of evacuating charged, high temperature (65°C) acidic (pH > 3.4) condensates from gas condensing boilers.
- Designed for discharging condensates from air conditioning and refrigeration systems.

### INSTALLATION

Wall or floor mounted.

Removable and reversible tank to allow installation on either side on the system installation.



### KIT CONTENTS

Pump (integrated check valve), installation kit: 2 screws and 2 rawl plugs, power cable (2m), safety switch wire (1m, contact C+NC).



# SI 1822 Centrifugal tank pumps

# SI 1850 For gas condensing boilers, air conditioning units and refrigerated display cabinets

## HIGH PERFORMANCE



Gas condensing boilers / Column air  
Conditioning unit  
Multi-cassettes  
Ducted units  
Refrigerated displays / cold store cabinets  
Evaporators  
Gas furnaces



SI 1822



SI 1850

- Built in large volume tank (3.8 l)
- Thermal protection: 105°C and 135°C
- Up to 10 m discharge head

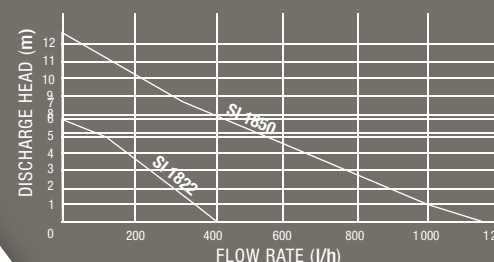
- High performance (380 l/h and 1100 l/h).
- Recommended for evacuating heavy, charged, high temperature (65°C/87°C) and acidic (pH > 3.4) condensates

Dimensions en mm	Length	Width	Height	Tank
SI 1822	305	152	235	3,8 l
SI 1850	305	152	257	3,8 l

## TECHNICAL SPECIFICATION

	SI1822	SI1850
Max. flow rate	380 l/h	1100 l/h
Max. discharge head	5,8 m	10 m
Sound level*	≤ 47 dBA	≤ 66 dBA
Mains supply	230 V~ 50 Hz- 90 W	230 V~ 50 Hz- 325 W
Detection levels in mm	ON : 75, OFF : 20, AL : 90	ON : 81, OFF : 48, AL : 101
Safety switch	NC 4 A resistive – 250 v	
Thermal protection (overheating)	105° C (auto reset)	135° C (auto reset)
Max. condensate temperature & acidity	65°C, pH > 3,4	87°C, pH > 3,4
Safety standards	CE	
RoHS & WEEE directives	Compliant	

\* Measured in Sauermann acoustic lab, pump operating with water



Sauermann part # :

SI1822SIUN23

SI1850SIUN23

## RECOMMENDED ACCESSORIES



PVC tubing (ACC00125, ACC00126)

Condensate input adaptors (ACC00225, ACC00230, ACC00240)

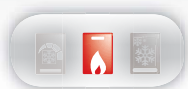


# PRESSURE SAFE SYSTEM

Safe discharge of the boiler PRV inside the property

For gas condensing boilers with expansion vessels  $\leq 12$ l

## SAFETY



Gas condensing boilers  
Electric boilers

SYSTEM

### TECHNICAL SPECIFICATION

#### PUMP SI 1800

Max. flow rate	500 l/h
Max. discharge head	5 m
Safety switch	NC 4 A résistive - 250 V
Detection levels	ON : 43mm, OFF : 27mm, AL : 56mm
Thermal protection (overheating)	105° C (auto-reset)
Max. condensate temperature & acidity	65° C (80° C in short peak) pH> 2.5
Protection	IP20

#### REGULATION BOX

Main power supply	220-240V~ 50Hz - 10A max.
Pump power	220-240V~ 50Hz - 70W - 0.8A
Boiler power	220-240V~ 50Hz - permanently wired - 1.5 A max (resistive), 100 000 cycles
Contrôle externe	NC contact - volt free - 1.5A max (resistive)

#### SOLENOID VALVE

Valve type	2-way Normally open
Supply	13W - 20VA crête
Operating pressure	0.3-10bar
Kv (flowrate)	12 l/min - Øint. 10mm

Sauermann part # : PS1800SCUN23

### RECOMMENDED ACCESSORIES



PVC tubing (ACC00125, ACC00126)



- Safe installation
- Removes risk of frozen pipes
- No water loss
- No long expensive copper PRV pipe runs

- The pump collects condensates.
- The diffuser reduces the pressure and allows the safe discharge of the pressure relief valve inside the property.
- If a failure occurs, the pump sends a signal to the regulation box.
- The regulation box closes the solenoid valve and stops cold water entering the boiler.

### KIT CONTENTS

1. Centrifugal tank pump SI1800
2. Diffuser
3. Solenoid valve with 2 m cable bare ends (L,N,G)
4. Regulation box

PVC tubing : 10 mm ID, 5m long  
Accessories: Ø10 to 10 mm (3/8" to 3/8") straight connector, 2 bags of 2 screws + 2 rawl plugs Ø 24-32-40 mm (1" - 1 1/4-1 1/2) inlet adaptor - Condensate self-sealing evacuation connector, Ø 10 mm int. - Ø10 to 20 mm (3/8" to 3/4") outlet adaptor.



# PE 5000 PE 5100 PE 5200

## Peristaltic pumps

For applications up to 8 kW

### COMPACT



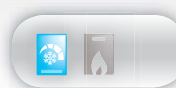
PE 5000



PE 5100



PE 5200



Wall mounted  
Air condition system

- Compact design
- 12 meter discharge head
- Very quiet in operation

- Peristaltic pumps lift and discharge condensates.
- Compact design and quiet in operation.
- Replaceable heads and tubes make maintenance easy.
- Supplied with an easy fix wall bracket.

#### Please note :

Pumps MUST be mounted on the bracket and NOT laid flat face up  
Peristaltic pumps must NOT operate continuously

#### KIT CONTENTS

##### Standard kit contents:

pump / 1.7 m cable including 2 power supply cables / sliding plastic bracket / 35 mm blond rubber Ø 15mm, PE 5003 adaptor, to reduce the diameter from 15 to 6 mm

##### Additional PE 5100 kit contents:

2 x 3.5 m detection cables (ambient air, cold air)

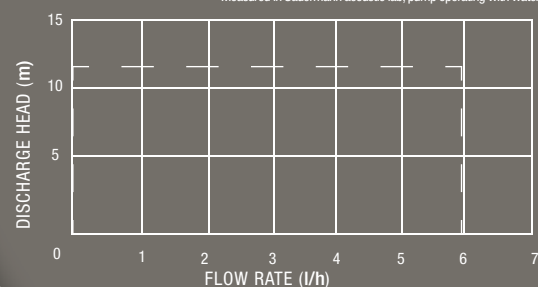
##### Additional PE 5200 kit contents:

Detection unit with 1.5 m cable / Detection unit installation kit: vent pipe Ø 4x6 mm– 75 mm, self-adhesive mounting rail

#### TECHNICAL SPECIFICATION

Max flow rate	6 l/h
Max suction head	2 m
Max discharge head	12 m
Sound level at 1 m *	≤ 30 dBA
Detection	PE 5000 : cooling signal PE 5100 : temperature differential PE 5200 : float sensor
Mains supply	230 V~ 50/60 Hz–11W
Safety switch	PE 5200 NC 8 A - 250 V
Protection	IP 65
Safety standards	CE
RoHS & WEEE directives	compliant

\* Measured in Sauermann acoustic lab, pump operating with water



Sauermann part # :

PE5000: PE5000SIUN23

PE5100: PE5100SIUN23

PE5200: PE5200SIUN23

#### RECOMMENDED ACCESSORIES



Replacement head (PE5001)

Replacement tube, 2 end pieces, 1 tube (PE5002)

Diameter reduction adaptor for Ø 6 mm in to Ø 15 mm (PE5003)

# SI 1930 Membrane pump

For applications up to 4 refrigerated display cabinets

VERY POWERFUL



Refrigerated displays  
Cold store cabinets

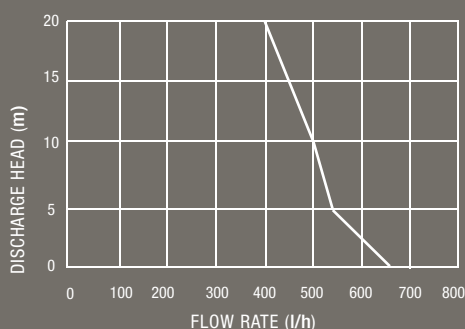
PUMP



## TECHNICAL SPECIFICATION

Max flow rate	650 l/h
Max discharge head	20 m
Sound level at 1 m*	< 61 dBA
Mains supply	230 V~ 50/60 Hz-60W
Alarm contact	ON: 45 mm, OFF: 25mm, AL: 55mm
Detection levels in mm	NO 8 A resistive - 250 V
Protection	IP20
Safety standards	CE
RoHS and WEEE directives	compliant

\* Measured in Sauermann acoustic lab, pump operating with water



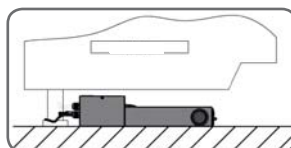
Sauermann part # :SI1931SIUN23

- Stainless steel tank
- Ventilated motor
- Can run dry
- Built in safety switch

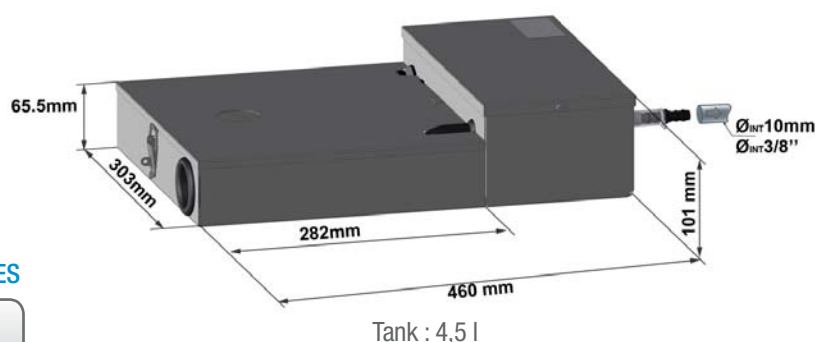
- Membrane pump intended for lifting condensates charged from refrigerated display cabinets, evaporators and cold store cabinets.

- Four times more efficient, it evacuates condensates from 4 cabinets and treats them 4 times faster than standard pumps.

## INSTALLATION

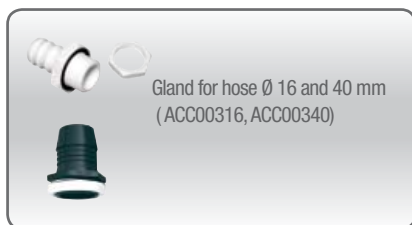


Slide easily under refrigerated display cabinets.



Tank : 4,5 l

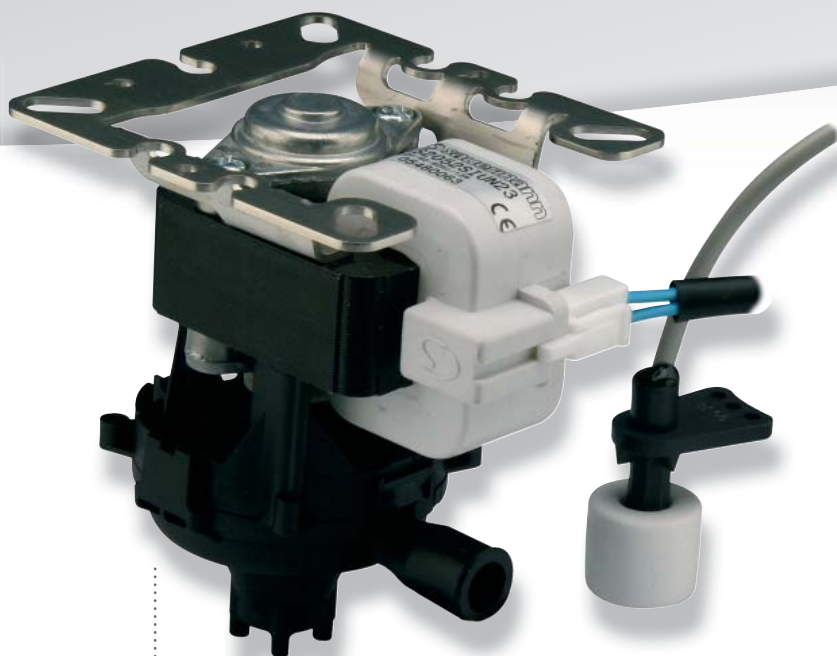
## RECOMMENDED ACCESSORIES



# SI 2052 Maintenance kit with centrifugal pump

For applications up to 20 kW

COMPATIBLE WITH MARKET STANDARDS



- Silent
- Suitable for any standard cassettes and ceiling mounted units.
- Small

This pump can be used to replace the following KS1000 models: KS1001ERTH23, KS1001FDCH23, KS1001FSCH23, KS1001HACO23, KS1001PDIT23, K1001SACO23, KS1001TATH23, KS1001TPMA23, KS1001VCIT23, KS1002A-DAN23, KS1001SACO23, KS1006MQFR23.

Dimensions in mm	Length	Width	Height
Pump	88	75	94

## KIT CONTENTS

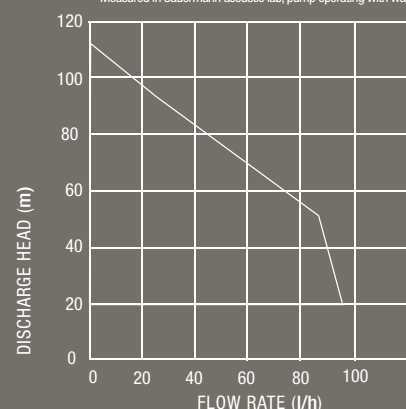
KS2052 / power cable: 85 cm with waterproof special connector/ single level detection unit: DET01550

Cassettes  
Ceiling suspended units  
Ducted units

## TECHNICAL SPECIFICATION

Max flow rate	70 l/h
Max discharge head	0.95 m
Mains supply	230 V~ 50/60 Hz 14 W
Alarm contact	NC 50 VA resistive - 250 V
Thermal protection (overheating)	impedance protected
Safety switch level	18 mm
Sound level at 1 m*	≤ 30 dBA
Safety standards	CE
RoHS directive	Compliant

\* Measured in Sauermann acoustic lab, pump operating with water



Sauermann part # :SI2052SIUN23

## RECOMMENDED ACCESSORIES



Clear hose (ACC00125, ACC00126)



Self sealing setting Ø10 mm (ACC00215)

PART #		APPLICATION	TECHNICAL DESCRIPTION	PACKAGING
ACC 00100		Special kit for SI2750 Anti-vibration mounting + accessories	Anti-vibration mounting + 1x ACC00208, 1x ACC00209, 1x ACC00304.	Blister
ACC 00105		PVC hose To connect the pump to the discharge outlet	Ø 6 int (1/4"), 5m For Si-30 / Si-33 / Si-10 / SI 2750	1 roll
ACC 00106		Rubber extension To connect condensate outlet to the detector inlet	Blond rubber, 50 cm long, Ø15 mm int. For Si-30 / Si-33 / Si-10 / SI 2750	1 pc, box
ACC 00110		Special kit, adaptor for centrifugal pumps	1 x for tubes Ø 25 mm (1"), 1 x for tubes Ø 32 mm (1 1/4"), 1 x for tubes Ø 40 mm (1 1/2"), For Si-82	3 pc, blister
ACC 00125 ACC 00126		PVC hose To connect the pump to the discharge outlet	Ø 10 int (3/8"), 25m Ø 10 int (3/8"), reinforced, 25m For centrifugal pumps	Filmed roll
ACC 00150 ACC 00151		PVC hose To connect the pump to the discharge outlet	Ø 6 int (1/4"), 50m Ø 6 int (1/4"), reinforced, 50m For Si-30 / Si-33 / Si-10 / SI 2750	Filmed roll
ACC 00201		Adaptor To reduce condensate tray / detector outlet diameter	Ø 22 mm out. to Ø 17 mm out. For Si-30 / Si-33 / Si-10 / SI 2750 / PE 5200	1 pc, blister
ACC 00202		Adaptor To reduce condensate tray / detector outlet diameter	Ø 32 mm out. to Ø 17mm out. For Si-30 / Si-33 / Si-10 / SI 2750 / PE 5200	1 pc, blister
ACC 00203		Adaptor To reduce condenser / detector outlet diameter	Ø32 mm ext. to Ø17 mm ext. For Si-10 / Si-30 / Si-33 / SI 2750 / PE 5200	1 pc, blister
ACC 00204		Straight and elbow connectors To connect 2 tubes	For tubes Ø 6 mm int. (1/4") For Si-30 / Si-33 / Si-10 / SI 2750	5 pc straight, 5 pc elbow in blister
ACC 00205		Drain fitting For leak tight connection to the PVC drainage tube	For tubes Ø6 mm int. (1/4") For Si-30 / Si-33 / Si-10 / SI 2750	6 pc, blister
ACC 00207		Straight connectors To connect 2 tubes	For Ø6 mm int. (3/8") tube. For Si-30 / Si-33 / Si-10 / SI 2750	10 pc, blister
ACC 00208		90° Rubber elbow To connect detector inlet	Black rubber, Ø15 mm int. to Ø15 mm int For Si-30 / Si-33 / Si-10 / SI 2750	1 pc, blister
ACC 00209		«S» type rubber hose Allows the position of the detector to be lowered in relation to the condensates tank.	Black rubber, Ø15 mm int. to Ø15 mm int For Si-30 / Si-33 / Si-10 / SI 2750	1 pc, blister
ACC 00210		90° Rubber elbow To connect the detector inlet to the condensates tank	Black rubber, Ø17 mm int. to Ø15 mm int. For Si-30 / Si-33 / Si-10 / SI 2750	1 pc, blister
ACC 00211		«T» connector To connect 3 hoses	For hoses Ø 6 mm int. (1/4") For Si-30 / Si-33 / Si-10 / SI 2750	5 pc, blister
ACC 00212		Adaptor To aid installation of detector in mini split units	Plastic, Ø14 to Ø17 mm OR Ø15.6 to Ø17 mm	5 pcs, blister
ACC 00213		Straight connectors To connect 2 tubes	For hoses Ø 10 mm int. (3/8") For Si-82	5 pc, blister
ACC 00214		To prevent siphoning when the discharge point is lower than the detector level	IN : for hoses Ø 6 mm int. (1/4") OUT : for hoses Ø 10 mm int. (3/8") For Si-30 / Si-33 / SI 2750	5 pc, blister
ACC 00215		Drain fitting For leak tight connection to the PVC drainage tube	For hoses Ø 10 mm int. (3/8"). For centrifugal pumps	3 pc, blister
NEW ACC 00216		To prevent siphoning when the discharge point is lower than the detector level	For hoses Ø 6 mm (1/4")	1 pc



PART #		APPLICATION	TECHNICAL DESCRIPTION	PACKAGING
ACC 00220		Rubber condensate outlet adaptor. For rigid pipe	Ø10 mm (3/8") to Ø20 mm (3/4"). For centrifugal pumps	1 pc, blister
ACC 00225 ACC 00230 ACC 00240		Rubber condensate inlet adaptors. To connect two different diameter pipes together	ACC00225 : for tubes Ø 25 mm (1"), ACC00230 : for tubes Ø 32 mm (1 1/4"), ACC00240 : for tubes Ø 40 mm (1 1/2") For centrifugal pumps	1 pc, blister
ACC 00304		Anti-vibration mounting for SI 2750	Black rubber	2 pc, blister
ACC 00310		Gland for flexible tube	For hoses (3/8") , Ø 10 mm int. For centrifugal pumps	1 pc, blister
ACC 00316		Gland for flexible tube	For hoses (5/8") Ø 16 mm int. For SI 1930	1 pc, blister
ACC 00340		Gland for flexible tube	For tubes (1 1/2") Ø 40 mm int. For SI 1930	1 pc, blister
ACC 03225		Rubber adaptors To connect two different diameter pipes together	For tubes Ø 25 mm (1") to Ø 32 mm (1 1/4") For SI 1930	3 pc, blister
ACC 02040		Inlet adaptor	Ø 15/17 – 20 - 24/25 -32 - 40 mm (5/8" - 3/4" - 1" - 1 1/4" - 1 1/2") For centrifugal pumps	1 pc, blister
ACC 00401		Test bottle To test pump without dismantling unit		1 pc
ACC 00225 ACC 00230 ACC 00240		Rubber condensate inlet adaptors. To connect two different diameter pipes together	ACC00225 : for tube Ø24-25 mm (1") ACC00230 : for tube Ø32mm (1 1/4"), ACC00240 : for tube Ø40mm (1 1/2")	1 pc, blister 1 pc, blister 1 pc, blister
ACC 00703 ACC 00705		Extension cable To increase the length between the detection unit and the pump	ACC 00703 : 3 m long, ACC00705 : 5m long For Si-30 / Si-33 / SI2750	1 pc, blister
ACC 00801		Check valve	For hose Ø 10 mm int. (3/8") For centrifugal pumps	1 pc, blister
ACC 00805		Check valve	For tubes Ø 6 mm int. (1/4") For Si-30 / Si-33 / Si-10/ Si-60/ SI 2750	5 pc, blister
ACC 17010		In-line filter	For tubes Ø 6 mm int. (1/4") For Si-30 / Si-33	1 pc, Blister
SI 2958		Detection unit	For tube:* IN: Ø15 mm int. * OUT: Ø6 mm int. (1/4") For Si-30 / Si-33 / SI 2750	1 pc, Blister
NEW				
PH0100SIUN23		pH Safe 1 Neutralization cartridge	For Si-82	1 pc
PE 5001		Replacement head for peristaltic pumps	For peristaltic pumps	1 pc, blister
PE 5002		Replacement tube	2 end pieces, 1 tube For peristaltic pumps	1 pc, blister
PE 5003		Diameter reduction adaptor	For Ø6 mm int. (1/4") to Ø15 mm int. tube For peristaltic pumps	1 pc, blister
PE 5005		Replacement tube	2 end pieces, 1 tube For peristaltic pumps For PE 6250	1 pc, blister

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

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