

 **sauermann**



SERENITY

ENDURANCE

PERFORMANCE

COMPETITIVE



THE TOUGH RANGE  
OF CONDENSATE **PUMPS** ((

# SI 3008 INFRA-RED FLUID SENSOR



## A NEW CONCEPT

for maximum peace of mind

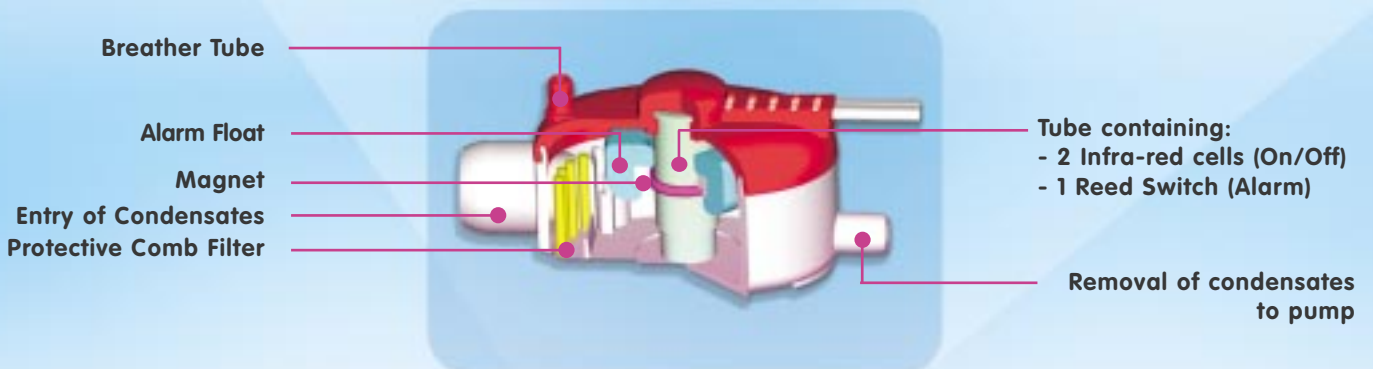
### 0% Float Contamination

- **High-level** alarm float.
- Sensor is now insensitive to the build up of contaminants with the float held above fluid levels. As a result, metal grille filter has been deleted.
- Filter grille replaced by a simple **Protective Comb** filter to trap large particles (Plaster or metal).
- The operation of the pump is not affected.
- Maintenance operations are unnecessary on this product.

### 0% Maintenance

### 100 % Performance

- 3 level detection sensor.
- Fluid detection levels **Start, Stop (lowered by 6mm) and Alarm.**
- Our new sensor combines a 2 level (Start/Stop) Optical unit with a high level magnetic Alarm float unit.



This novel optical detection system is offered with our top of the range SI 3080 IR pump. It is fully compatible with SAUERMAN SI 3100 and SI 3200 for which it is available as an accessory.

# SI 3080 & SI 3100 & SI 3200

silent



## MINI PUMPS

for air conditioners up to 10 kW (SI 3080 & SI 3100) and up to 20 kW (SI 3200)

This range of mini pumps is designed to meet the most exacting requirements in practical ease of installation, performance and quiet, reliable operation. Each consisting in a separate pump unit and fluid sensor, their reduced size makes them ideal for the very limited internal space afforded by most air conditioning units.

### Applications

WALL MOUNTED SYSTEMS	
SPLIT UNITS	
FLOOR CONSOLE UNITS	
FAN-COIL UNITS	

CEILING MOUNTED SYSTEMS	
CEILING SUSPENDED UNITS	
DUCTED SYSTEMS	
FAN-COIL UNITS	



1- Integral quick connector plug

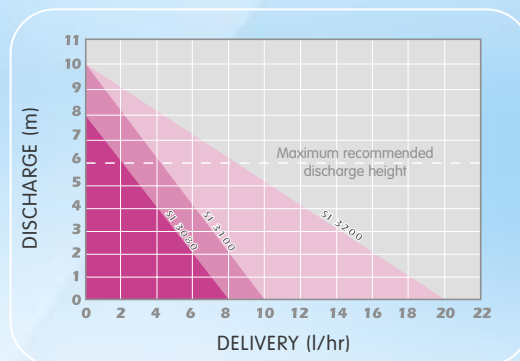


2- Anti-vibration mount

### Bonus features

### Technical characteristics

- Max flow rate: **8 l/hr** - SI 3080 • **10 l/hr** - SI 3100 • **20 l/hr** - SI 3200
- Max suction head: **1 m** - SI 3080 • **2 m** - SI 3100 & SI 3200
- Max discharge head: **6 m**
- 230 V~ 50/60 Hz **10 W** - SI 3080
- 230 V~ 50/60 Hz **18 W** - SI 3100 & SI 3200
- Alarm contact: **NC 8 A resistive**
- Thermal protection (overheat): **90° C**
- Sound level:
  - ≤ **28 dBA** at 1 m - SI 3080
  - ≤ **30 dBA** at 1 m - SI 3100
  - ≤ **34 dBA** at 1 m - SI 3200
- Pump dimensions: L 66 x W 44 x H 60 mm
- Float / detection unit: L 55 x W 38 x H 32 mm



### Recommended accessories



**ACC 00105 • ACC 00150 • ACC 00151**  
 Clear tubing Ø 6 mm int. • ACC 00105 : 5 m  
 ACC 00150 : 50 m roll • ACC 00151 : reinforcing 50 m roll



**ACC 00205**  
 6 self sealing fittings for condensate removal.



# SI 1730




## CONDENSATE REMOVAL PUMP



for air conditioners up to 30 kW

The SI 1730 is a new generation pump with both high capacity (30 l/hr) and great ease of installation due to its reduced size and its integral quick connector. It is designed for high power wall mounted, ceiling mounted, ducted and floor mounted air conditioning units.

Small: L 95 x W 74 x H 52 mm  
Powerful: 30 l/h

### Applications

WALL MOUNTED SYSTEMS	
COLUMN SPLIT SYSTEMS	
FLOOR SPLIT SYSTEMS	
AIR HANDLING UNITS	

CEILING MOUNTED SYSTEMS	
CEILING SUSPENDED UNITS	
CASSETTE UNITS	

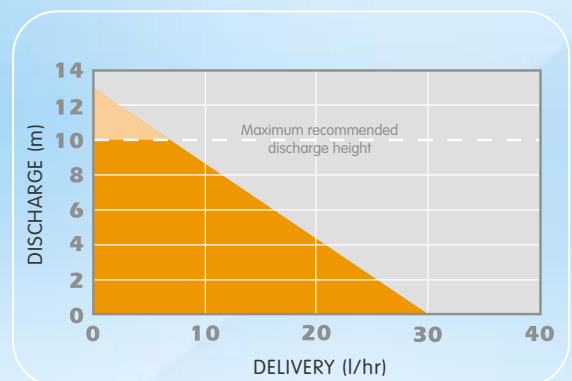
### Bonus feature

- 1- Integral quick connector Included



### Technical characteristics

- Max flow rate: **30 l/hr**
- Max suction head: **2,5 m**
- Max discharge head: **10 m**
- 230 V~ 50/60 Hz **35 W**
- Alarm contact: **NO - NC 8 A resistive**
- Thermal protection (overheat): **90° C**
- Pump dimensions: L 95 x W 74 x H 52 mm
- Float / detection unit: L 55 x W 40 x H 35 mm



### Recommended accessories



**ACC 00105 • ACC 00150 • ACC 00151**

Clear tubing Ø 6 mm int. • ACC 00105 : 5 m  
ACC 00150 : 50 m roll • ACC 00151 : reinforcing 50 m roll



**ACC 00205**

6 self sealing fittings for condensate removal.



**ACC 17010**

In line filter

# SI 1805 & SI 1820

enduring



## MONOBLOC IMPELLER TANK PUMPS

for air conditioners, refrigeration units and condensing boilers.

High capacity Impeller Tank Pumps designed to collect and remove heavy condensates from refrigeration display cases and air conditioning systems, with or without condensate drain pans.

### Applications

WALL MOUNTED SYSTEMS	
COLUMN AIR CONDITIONING UNITS	
REFRIGERATED DISPLAY CABINETS	
REFRIGERATION UNITS	
CONDENSING BOILERS	

CEILING MOUNTED SYSTEMS	
MULTICASSETTE INSTALLATIONS	
EVAPORATORS	

- Max flow rate: **500 l/hr**
- Max discharge head: **5,4 m**
- 230 V~ 50/60 Hz **0.8 A**
- Alarm contact: **NC 4 A resistive**
- Thermal protection (overheat): **130° C**
- High temperature and acid condensate: **80° C, pH > 3,4**
- Pump dimensions:

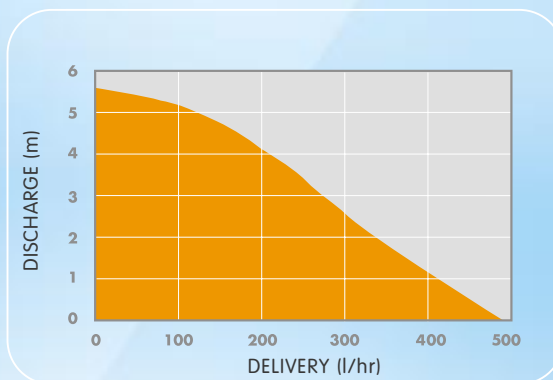
**SI 1805 tank capacity: 0.5 l**

L 195 x W 130 x H 122 mm

**SI 1820 tank capacity: 2.0 l**

L 195 x W 130 x H 170 mm

### Technical Characteristics



### Recommended accessories



#### ACC 00110

Special install kit for SI 1805 & SI 1820 consisting of:  
1 x ACC 00225,  
1 x ACC 00230, 1 x ACC 00240



#### ACC 00125 • ACC 00126

Clear tubing Ø 10 mm int.  
ACC 00125 : 25 m roll  
ACC 00126 : reinforcing 25 m roll



#### ACC 00225 • ACC 00230 • ACC 00240

Individual adapters  
ACC 00225 : 1", Ø 25 mm  
ACC 00230 : 1" 1/4, Ø 32 mm  
ACC 00240 : 1" 1/2, Ø 40 mm



#### ACC 00801

Check valve  
Ø 10 mm.

# SI 2750



## MINI CONDENSATE PUMP

for air conditioners up to 10 kW

Consisting of a pump unit & a remote detection unit, the SI 2750 pump was designed for air conditioning units with limited internal space.

### Applications

WALL MOUNTED SYSTEMS	
WALL SPLIT SYSTEMS	
FLOOR SPLIT SYSTEMS	
FAN-COILS	

CEILING MOUNTED SYSTEMS	
CEILING SUSPENDED UNITS	
DUCTED UNITS	

### Technical characteristics

- Max flow rate: **10 l/hr**
- Max suction head: **2 m**
- Max discharge head: **6 m**
- 230 V~ 50/60 Hz **18 W**
- Alarm contact: **NO - NC 8 A resistive**
- Thermal protection (overheat): **90° C**
- Sound level: **≤ 30 dBA** at 1 m
- Pump dimensions: L 75 x W 38 x H 60 mm
- Float / detection unit: L 55 x W 38 x H 32 mm



### Recommended accessories



**ACC 00100**  
Special SI 2750 install kit containing the following accessories: 1 x ACC 00205\*, 1 x ACC 00208, 1 x ACC 00209, 1 x ACC 00304



**ACC 00105 • ACC 00150 • ACC 00151**  
Clear tubing Ø 6 mm int.  
ACC 00105 : 5 m  
ACC 00150 : 50 m roll  
ACC 00151 : reinforcing 50 m roll



**ACC 00205**  
6 self sealing fittings for condensate removal



**ACC 00304**  
Vibration dampening mountings (pump not included)

\* Installation Kit contains qty 1 Self sealing fitting.






## MONOBLOC PISTON TANK PUMP

for air conditioners up to 30 kW

The EE 1650 monobloc piston 0.5 l tank pump, with a condensate pumping capacity of 30 l/hr, is designed for high power air conditioning systems with or without condensate collection trays. Furthermore, its design enables it **to sit either under or inside the condensate collection tray.**

### Applications

#### WALL MOUNTED SYSTEMS

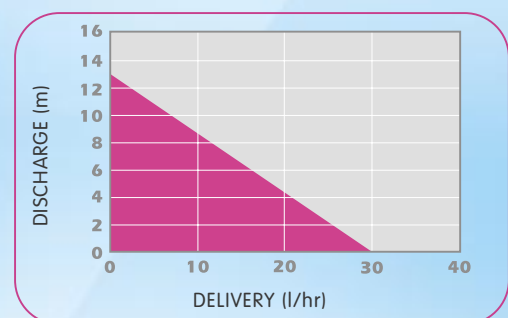
FLOOR MOUNTED UNITS	
COLUMN AIR CONDITIONING UNITS	
FAN-COILS	

#### CEILING MOUNTED SYSTEMS

MULTICASSETTE INSTALLATIONS	
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- Max flow rate: **30 l/hr**
- Max discharge head: **13 m**
- 230 V~ 50/60 Hz **35 W**
- Alarm contact: **NC 8 A resistive**
- Thermal protection (overheat): **90° C**
- Pump dimensions: L 159 x W 84 x H 100 mm

### Technical characteristics



### Recommended accessories



#### ACC 00105 • ACC 00150 • ACC 00151

Clear tubing Ø 6 mm int. • ACC 00105 : 5 m  
ACC 00150 : 50 m roll • ACC 00151 : reinforcing 50 m roll



#### ACC 00205

6 self sealing fittings for condensate removal



# ACCESSORIES



## ACC 00106

Blond rubber 50 cm for SI 2750 / SI 3080 / SI 3100 / SI 3200 / SI 1730



**ACC 00201** Adapter kit Ø 17 / Ø 22 mm.



**ACC 00202** Adapter kit Ø 17 / Ø 32 mm.



**ACC 00203** Restriction Ø 17 / Ø 32 mm for flow reduction.



**ACC 00204** 5 straight connectors Ø 6 mm + 5 elbows Ø 6 mm.



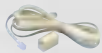
**ACC 00211** 5 T connector Ø 6 mm.



**ACC 00401** Priming squeezeie bottle allowing pump to be tested without dismantling unit.



**ACC 00501** 10 double side adhesive tape.



## ACC 00703

3 m extension cable for SI 2750 / SI 3080 / SI 3100 / SI 3200 / SI 1730



## ACC 00705

5 m extension cable for SI 2750 / SI 3080 / SI 3100 / SI 3200 / SI 1730



**ACC 00208** 90° elbow, 15 x 15 mm.



**ACC 00209** Flexible coupling 15 x 15 mm, allows complete emptying of condensate tray.



**ACC 00210** 90° elbow 17 x 15 mm.



**ACC 00805** 5 Check valve for 6 mm tube.

[www.sauermann.fr](http://www.sauermann.fr)



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