



# Si-1801

sauermann®

## Centrifugal tank pump

### SUITABLE FOR

- Condensing boilers & furnaces
- Refrigerated display cabinets
- Air conditioning units

### PERFORMANCE

- 132 gph max. flow
- 17' shut off head (SI1801LHUS11)
- 23' shut off head (SI1801SCUS11/23)
- 23' shut off head (SI1801SCUS11/23T)

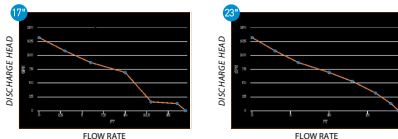


### Key features

- Built-in safety switch
- Oil and acid resistant float
- Installation versatility



### Actual flow rates (GPH)



### Recommended accessories



Clear PVC hose, 3/8" i.d.  
Clear PVC hose, i.d.  
Sold in 20ft and 82ft rolls,  
(30 ft roll included with models ending in /T)  
• ACC 00120: 20 ft • ACC 00125: 82 ft



Replacement check valve,  
for 3/8" i.d. tubing  
• ACC 00801



pH Safe 1 Neutralization  
cartridge, for inner Si-1801  
• PH01005JUN23

### What's in the box



- Centrifugal tank pump with integrated barb-end check valve
- 6' power cable, safety contact wires, 1' bare ends
- 20' of tubing (only included with models ending in /T)

- Adaptor
- 2 screws, 6 2 wall anchors



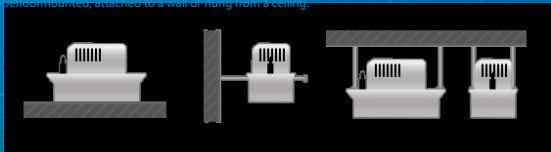
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FOR ADDITIONAL  
SI-1801 TECHNICAL  
INFORMATION



# Features and Benefits

## Easy Install

• Can be mounted vertically or horizontally from ceiling.



## High Resistance

- Compressed air system design
- Mechanical structure resistant to shocks

## Versatile

- Easily removable tank for simple maintenance and algae control
- Reversible pump allows mounting on either side of the installation, and the choice of which side the water exits the pump.

## Easy Connection

- New quarter turn, easily removable check valve designed to facilitate 3/8" I.D. hose plug in
- 4 inlet holes 13/16" o.d.



## Si-1801 tech specs

	17" LOW HEAD	23" W TUBING	23" W/O TUBING
MAX. FLOW RATE:	132 gph	132 gph	132 gph
SHUT-OFF HEAD:	12.5 ft @ 100% 1.48A (air) (1.48) (1.1)	226 ft @ 60Hz 1.48A (air) (1.48) (1.1)	226 ft @ 60Hz 1.48A (air) (1.48) (1.1)
SOUND LEVEL:	45 dBA according to EN ISO 5146 measured at 1m (air, pump operating w/ water, out of application)	45 dBA according to EN ISO 5146 measured at 1m (air, pump operating w/ water, out of application)	45 dBA according to EN ISO 5146 measured at 1m (air, pump operating w/ water, out of application)
POWER SUPPLY:	120 V - 60Hz - 85 W - 1.48A (air) (1.48) (1.1)	120 V - 60 Hz - 85 W - 1.48A (air) (1.48) (1.1) 230 V - 50/60 Hz - 80 W - 0.70A (air) (1.48) (1.1)	120 V - 60Hz - 85 W - 1.48A (air) (1.48) (1.1) 230 V - 50/60 Hz - 80 W - 0.70A (air) (1.48) (1.1)
DETECTION LEVELS:	On: 2.3/32" • Off: 1.21/32" • Safety: 2.1/2"	On: 2.3/32" • Off: 1.21/32" • Safety: 2.1/2"	On: 2.3/32" • Off: 1.21/32" • Safety: 2.1/2"
SAFETY SWITCH:	NC 4A resistive - 42 V peak	NC 4A resistive - 42 V peak	NC 4A resistive - 42 V peak
MAX CONDENSATE TEMP:	150° F / Short Peak 170° F - 1m	150° F / Short Peak 170° F - 1m	150° F / Short Peak 170° F - 1m
MAX CONDENSATE ACIDITY:	pH > 2.5 (Gas Condensing Boilers)	pH > 2.5 (Gas Condensing Boilers)	pH > 2.5 (Gas Condensing Boilers)
THERMAL PROTECTION:	230° F auto-reset	248° F auto-reset	248° F auto-reset
OPERATING CONDITIONS:	120V - 30% 3s ON - 7s OFF	120V - 30% 3s ON - 7s OFF 230V - 30% 3s ON - 7s OFF	120V - 30% 3s ON - 7s OFF 230V - 30% 3s ON - 7s OFF
PUMP DIMENSIONS:	11" L x 5.3/16" W x 6.5/7" H	11" L x 5.3/16" W x 6.5/7" H	11" L x 5.3/16" W x 6.5/7" H
SAFETY STANDARDS:	UL / CSA certified by Intertek	UL / CSA certified by Intertek	UL / CSA certified by Intertek
RoHS & WEEE DIRECTIVES:	Compliant	Compliant	Compliant
PACKAGING:	4.4 lbs (115.8) L x 5.5/16" W x 7.1/4" H	6.2 lbs (115.4) L x 5.5/16" W x 7.1/4" H	6.5 lbs (115.4) L x 5.5/16" W x 7.1/4" H
MASTERPACK:	6 pieces	6 pieces	6 pieces