

## DATA SHEET

# Si-63

## Piston pump

Sauermann® part #: SI63CE01UN23



### Max flow rate

The Si-63 is a piston pump with built-in tank (0.37 l) suitable for air-conditioning units up to 30 kW. This pump is equipped with the Sauermann® piston pump technology specifically designed for removing condensates from air conditioning systems. It's attractive, ergonomic and compact design makes it easy to install.

## Benefits



### Special detection - resistant to pollution

- Robust float, rotation is shaft out of water, higher resistance to pollution.
- IPX4 for a higher protection of mechanical and electrical parts.



### Easy pump maintenance

- Lockable plug-in power cable to avoid unintended disconnection.
- Easily removable tank.



### Easy installation and ergonomic

- Compact and attractive design.
- The 3 inlet points allow the pump to be fed from top, side, stand in drip tray.



### Proven reliability

- No filter. Designed to allow free passage of particles up to 2 mm.
- High flow – Up to 30 l/hr.



## Kit content

- Piston pump
- Integrated float detection unit
- 1.5m lockable plug-in power cable: 2 power wires, 2 safety switch wires
- Installation kit:
  - Inlet rubber adapter Ø int. 15-20-24-32-40 mm (Ø int. 5/8"-3/4" 1"- 1"1/4 -1"1/2
  - Rubber elbow 90° Ø int.15 x L 60 mm
  - Plastic elbow 90° for tubing Ø int. 6 mm
  - 1 tie-wrap, 2.5 x 100 mm

## Technical specifications

<b>Max. flow rate</b>	30 l/h
<b>Max. discharge head</b>	13 m (flow rate = 8 l/h)
<b>Max pressure</b>	18 m (flow rate = 0 l/h)
<b>Sound level in application at 1m</b> (Measured in Sauermann acoustic lab, pump operating with water)	≤ 54 dBA
<b>Mains supply</b>	230 V~ 50/60 Hz - 21 W
<b>Insulation class</b>	☐ (double insulation)
<b>Detection levels</b>	ON: 28 mm; OFF: 24 mm; Safety: 35 mm
<b>Safety switch</b>	NC 4 A resistive – 250 V
<b>Thermal protection (overheating)</b>	115 °C (Auto-reset)
<b>Operating conditions</b>	50 %: 3 s ON – 3 s OFF
<b>Protection</b>	IPX4
<b>Safety standards</b>	CE & EAC
<b>RoHS directive</b>	Compliant
<b>WEEE directive</b>	Compliant
<b>Packaging</b>	L 206 x W 115 x H 106 mm
<b>Weight (including box)</b>	0.63 kg
<b>Masterpack</b>	4 pieces



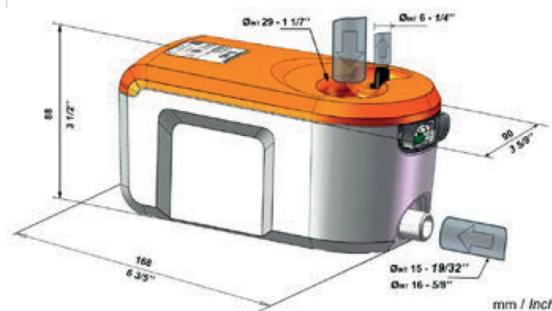
## Applications

For use with any air-conditioning units, up to 30 kW

- Computer room air conditioning
- Multi cassettes recovery
- Ducted
- Floor mounted & concealed fan-coils

## Accessories

Name	#Part
 Clear PVC hose Ø int. 6 mm (1/4")	ACC00909: 5 m ACC00910: 50 m ACC00914: Braided, 50 m
 6 Self-sealing fitting for hose Ø int. 6 mm (1/4")	ACC00919
 Drain Safe Devices for hose Ø int. 6 mm (1/4")	ACC00922



## Actual flow rates (l/h)

Discharge head (B)	Total tube length using Ø int. 6 mm, 1/4" (A)			
	5 m	10 m	20 m	30 m
0 m	30	27	26	25
2 m	26	24	23	22
4 m	22	21	20	19
6 m		18	17	16
8 m		15	14	13
10 m		12	11	10
12 m			8	7

