

# Si-63

## PISTON PUMP



### Max flow rate

The Si-63 is a **piston pump with built-in tank** (0,37l) 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 installation and ergonomic**

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

- **Easy pump maintenance**

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

- **Proven reliability**

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

### KIT CONTENT



- Piston pump
- Integrated float detection unit
- 1.5 m 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 60mm
  - Plastic elbow 90° for tubing Ø int. 6mm
  - 1 tie-wrap, 2.5 x 100 mm

## APPLICATIONS

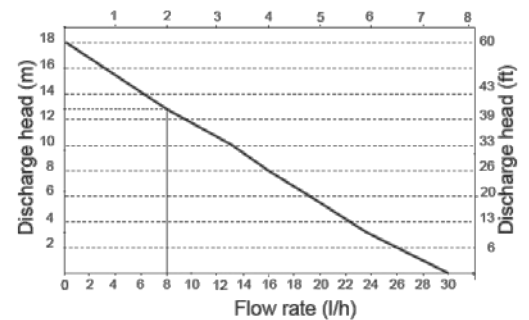
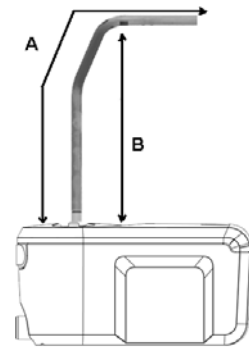
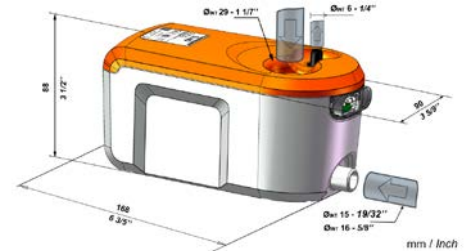
For use with any air-conditioning units, up to 30 kW :

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



## TECHNICAL SPECIFICATION

<b>Débit Maximal</b>	<b>30 l/h</b>
Max. discharge head	13 m (flow rate=8l/h)
Max pressure	18 m (flow rate =0l/h)
Sound level in application at 1m: (Measured in Sauermann acoustic lab, pump operating with water)	≤ 54 dBA
Mains supply	230V~ 50/60Hz - 21 W
Insulation class	□ (double insulation)
Detection levels	ON : 28mm, OFF : 24mm, Safety : 35mm
Safety switch	NC 4 A résistive – 250V
Thermal protection (overheating) operating conditions	115°C (Auto-reset) 50% : 3s ON – 3s OFF
Protection	IPX4
Safety standards	CE & EAC
RoHS directive	Compliant
WEEE directive	Compliant
Packaging	0.63kg L206 x l115 x H106 mm
Masterpack	4 pièces



## 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

## RECOMMENDED ACCESSORIES



**Clear PVC hose**  
 Ø int. 6mm (1/4")  
 ACC00909: 5 m  
 ACC00910: 50 m  
 ACC00914: Braided, 50 m



**6 Self-sealing fittings**  
 for hose Ø int. 6 mm (1/4")  
 ACC00919



**Raccord Drain Safe Devices** pour tubes  
 Ø int. 6 mm (1/4")  
 ACC00922

Non-contractual document. We reserve the right to modify the characteristics on our products without prior notice.