

Si-60

PISTON PUMP



Compact design

The Si-60 is a **piston pump with built-in tank** (0,37l) suitable for air-conditioning units up to 20 kW.

This pump is equipped with the Sauermann piston pump technology specifically designed for removing condensates from air conditioning systems.

Its attractive, ergonomic and compact design makes it easy to install, in any place.

BENEFITS



- **Special detection - resistant to pollution**

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



- **Easy to install**

- Compact and attractive design
- The **3 inlet** possibility allows the pump to be fed from **top, side or in-pan**
- Lockable plug-in power cable to avoid unintended disconnection.



NEW 2015



- **Sauermann inside: new piston, patented technology**

- **Increased performance:** Suitable for air-conditioning units up to 20 kW.
- **High Lift**, up to 10m vertical and **larger flow rate**
- **High resistance to pollution** created by general environment. Capable of discharging small particles
- **Proven Reliability**



- **Low sound level**

- **Energy saving**

Improved performance and high flow rate **reduce operation time** and energy consumption.

KIT CONTENTS



- 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° Øint.15 x L 60mm
 - Plastic elbow 90°for tubing Ø int. 6mm
 - 1 tie-wrap, 2.5 x 100 mm

APPLICATIONS

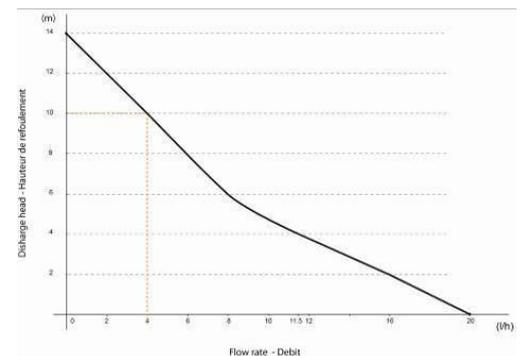
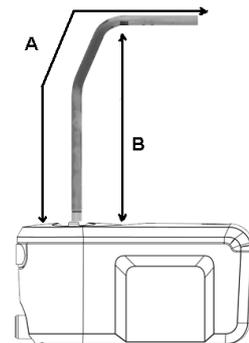
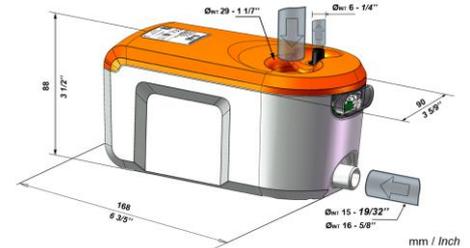
For use with any air-conditioning units, up to 20 kW :

- Floor mounted & Ceiling suspended
- Cassette
- Ducted
- Fan-coils



TECHNICAL SPECIFICATION

| | |
|--|--|
| Max. flow rate | 20 l/h |
| Max. discharge head | 10 m (flow rate =4l/h) |
| Max pressure | 14 m (flow rate =0l/h) |
| Sound level in application at 1m: (Measured in Sauermann acoustic lab, pump operating with water) | ≤ 38 dBA |
| Mains supply | 230V~ 50/60Hz - 14 W |
| Insulation class | ☑ (double insulation) |
| Detection levels | ON : 28mm, OFF : 24mm Safety : 35mm |
| Safety switch | NC 4 A résistive – 250V |
| Thermal protection (overheating) | 115°C (auto-reset) |
| Operating conditions | 100% - Continuous duty |
| Protection | IPX4 |
| Safety standards | CE and EAC |
| RoHS directive | Compliant |
| WEEE directive | Compliant |
| Packaging | 0.63kg L206 x l115 x H106 mm |
| Masterpack | 4 pieces |



ACTUAL FLOW RATES (l/h)

| Discharge head (B) | Total tube length using (Ø Int 6mm, 1/4") (A) | | | |
|--------------------|--|------|------|------|
| | 5 m | 10 m | 20 m | 30 m |
| 0 m | 20 | 19 | 18 | 17 |
| 2 m | 16 | 15 | 14 | 13,5 |
| 4 m | 11,5 | 11 | 10,5 | 10 |
| 6 m | | 8,5 | 7,5 | 6,5 |
| 8 m | | 6 | 5 | 4 |
| 10 m | | 4 | 3,5 | 2,5 |

RECOMMENDED ACCESSORIES



Clear PVC hose
Ø int. 6mm (1/4")
ACC00105 : 5 m
ACC 00150 : 50 m



6 Self-sealing fittings
for hose Ø int. 6 mm
(1/4")
ACC 00205



Drain Safe Devices for
hose Ø int. 6 mm (1/4")
ACC 00216