

# Si-30

## PISTON PUMP



### Versatile technology

The high performance Si-30 is suitable for air-conditioning units **up to 20 kW**.

The piston technology is specifically designed for removing condensates from air conditioning systems.

The Si-30 is fully reliable, in any kind of environment. Its operating sound level will remain silent whatever the volume of condensates.

### BENEFITS



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

- **Increased performance** – the Si-30 replaces the SI3080, SI3100 & SI3200.
- **High resistance to pollution** created by general environment. Capable of discharging small particles.
- **Proven Reliability.**



- **Silent**

- Quiet in operation: **20 dBA independently tested.**
- The size of the air-conditioning unit and volume of condensates to be removed does not affect the operational sound level of the pump.
- **New mounting bracket** specifically designed to **reduce vibration transmission to the wall / panel or pipework.**



- **Easy to install**

- **Compact design.**
- New mounting bracket : allows the pump to be **wall mounted or hung from ceilings and pipework.**
- **Plug-in power cord** to make maintenance and replacement hassle free.

- **Energy saving**

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

### KIT CONTENTS



- Piston pump
- Anti-vibration mounting bracket
- Plug in power cable with 2 safety switch wires (1,5 m)
- 6 tie wraps, 2.5 x 100mm
- Detection unit (SI2958, 1.5m cable)
- Detection unit installation kit:
  - rubber elbow 90° Øint.15 x L 60mm,
  - vent tube Øint 4 x L 75 mm,
  - mounting rail,
  - adhesive.

## APPLICATIONS

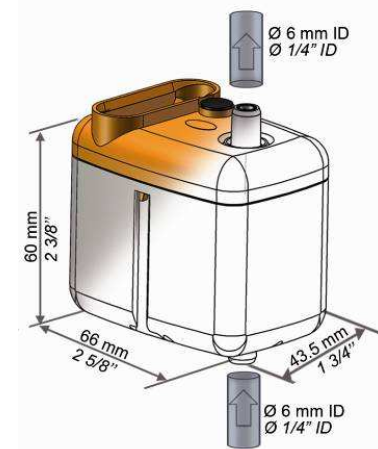
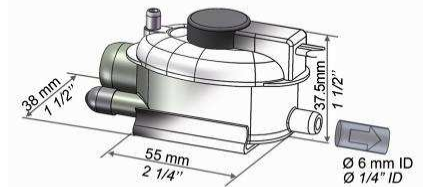
For use with any air-conditioning units,  
up to 20 kW :

- Wall mounted
- Ceiling suspended
- Ducted
- Fan-coils



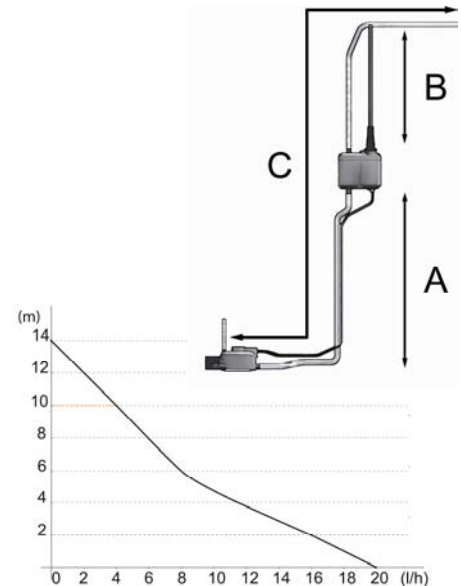
## TECHNICAL SPECIFICATION

<b>Max. flow rate</b>	<b>20 l/h</b>
<b>Max. suction head</b>	<b>3 m</b>
Max. discharge head	10 m (flow rate= 4l/h)
Max pressure	14 m (flow rate = 0l/h)
<b>Sound level at 1m</b> according to EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)	<b>20 dBA</b>
Sound level in application at 1m: (Measured in Sauermann acoustic lab, pump operating with water)	≤ 27 dBA
Mains supply	230 V ~ 50/60 Hz - 14 W
Insulation class	□ (double insulation)
Detection levels	ON: 16mm, OFF: 11mm, AL: 19mm
Safety switch	NC 8 A resistive - 250 V
Thermal protection (overheating)	90°C (auto-reset)
Intermittent operation cycle	30%: 3s ON – 7s OFF
Protection	IP20
Safety standards	CE
RoHS directive	Compliant
DEEE directive	Compliant
Packaging	0.41kg - L112 x W91 x H91 mm
Masterpack	25 pieces



## ACTUAL FLOW RATES (l/h)

		Total hose length using Øint. 6 mm (1/4") hose - (C)			
Suction head (A)	Discharge head (B)	5 m	10 m	20 m	30 m
0 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
1 m	0 m	14	13	12	11
	2 m	11	10	9	8
	4 m	7,5	7	6	5
	6 m		4,5	4	
2 m	0 m	11	10	9	8
	2 m	9	8	7	6
	4 m		5,5	5	4,5
3 m	0 m	10,5	9	8	7
	2 m	8	7	6	5
	4 m		5	4	



## RECOMMENDED ACCESSORIES



**ACC 00105, ACC 00150**  
Clear PVC hose, Øint. 6mm (1/4")  
ACC 00105 : 5m  
ACC 00150 : 50m



**ACC 00205**  
6 self-sealing  
fittings for hose  
Øint. 1/4" (6mm)



**ACC 00216**  
3 anti-siphon devices for  
hose Øint. 1/4" (6mm)