# **Sauermann**<sup>®</sup>



#### Sauermann® part: SI27CE01UN23



# Versatile technology

The Si-27 is suitable for air-conditioning units up to 20kW.

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

The Si-27 is fully reliable in any kind of environment and its sound level remains quiet regardless of the condensate volume.

### **BENEFITS**



## Patented technology

- High performance: only one pump is needed for air conditioning units up to 20kW
- **Highly resistant to pollution** created by general environments and capable of discharging small particles.
- Proven reliability

#### Silent

- Low operating sound levels: 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.



## Easy to install

- Compact design
- **Mounting bracket:** allows the pump to be wall mounted or hung from ceilings and pipework.
- Plug-in power cable makes maintenance and replacement hassle free.
- Safety switch

### Energy saving

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

## **KIT CONTENTS**



- Piston pump
- Mounting bracket
- 0.8 m plug-in power cable
- 1.5m clear PVC tube Ø int 6 mm
- 6 tie wrap

- Detection unit (SI2958, 1.5m cable)
- Detection unit installation kit:
  - rubber hose Øint.15 x L 35 mm,
  - vent tube Ø int 4 x L 75 mm,
    - mounting rail,
  - adhesive.
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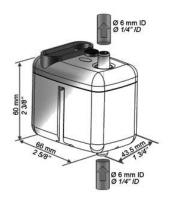
## **APPLICATIONS**

## For use with any air-conditioning units,

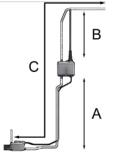
- up to 20 kW:
- Wall mounted
- Ceiling suspended
- Ducted
- Fan-coils

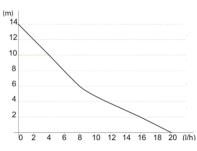
TECHNICAL SPECIFICATION				
Max. flow rate	20 l/h			
Max. suction head	3 m			
Max. discharge head	10 m (flow rate =4l/h)			
Max pressure	14 m (flow rate =0l/h)			
Sound level at 1m according to EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)	20 dBA			
Mains supply	230V 50/60Hz 14W			
Insulation class	(double insulation)			
Detection levels	ON: 16mm, OFF: 11mm,Safety: 19mm			
Safety switch	NC 8 A resistive – 250V			
Thermal protection (overheating)	115°C (auto-reset)			
Operating conditions	100% - Continuous duty			
Protection	IP20			
Safety standards	CE / EAC			
RoHS directive	Compliant			
WEEE directive	Compliant			
Packaging	0.48kg – L135 x W135 x H90 mm			
Masterpack	20 pieces			





ACTUAL FLOW RATES (I/h)							
		Total hose length using Ø Int 6 mm, 1/4" – (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		
	10 m		4	3,5	2,5		
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**



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



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

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