

SI 2052

CENTRIFUGAL PUMP



Compatible with market standards

The versatile SI 2052 is suitable for replacement of some market standards drain pumps used in cassette type air-conditioning units **up to 20 kW**.

The centrifugal technology inside this pump is specifically designed for removing condensates continuously, in any kind of environment, with a very low sound level.

The single level detection unit can be used as a safety contact (NC) to cut off automatically the air conditioning system compressor or a solenoid valve.

BENEFITS

- **Humidity protection**

- **Overmolded cable**
- **High resistance to pollution** created by general environment.
- Capable of discharging small particles.
- **Proven Reliability.**



- **Low noise level**

- Quiet in operation: **30 dBA**.

- **Large replacement compatibility**

- **Universal mounting bracket:** allows the pump to replace many pumps on the market. Can **replace plug & play** the following Sauermann - KS1000 part numbers: KS1001ERTH23, KS1001FDCH23, KS1001FSCH23, KS1001HACO23, KS1001PDIT23, KS1001SACO23, KS1001TATH23, KS1001TPMA23, KS1001VCIT23, KS1002ADAN23, KS1002SACO23, KS1006MQFR23 ;



- **Easy to install**

- **Small size**
- **Wire-to-wire connector** to make replacement hassle free.

- **Energy saving**

- Improved motor efficiency **reduces input power** and energy consumption.

KIT CONTENT



- Centrifugal pump.
 - Overmolded 250mm cable.
- 850mm cable with wire-to-wire connector.
- High level safety detection unit (DET01550, 900mm cable).
- Stainless steel screw for detection unit.

APPLICATIONS

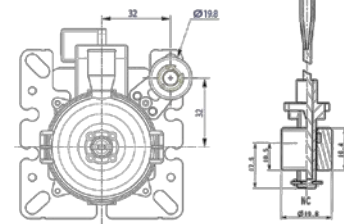
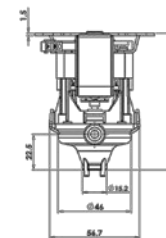
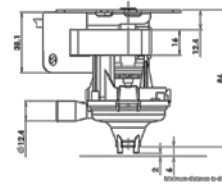
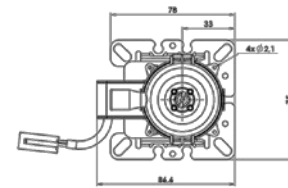
For use with any air-conditioning units up to 20 kW :

- **Cassette type** - 4-ways, 2-ways, 1-way
- **Ceiling suspended**
- **Ducted**

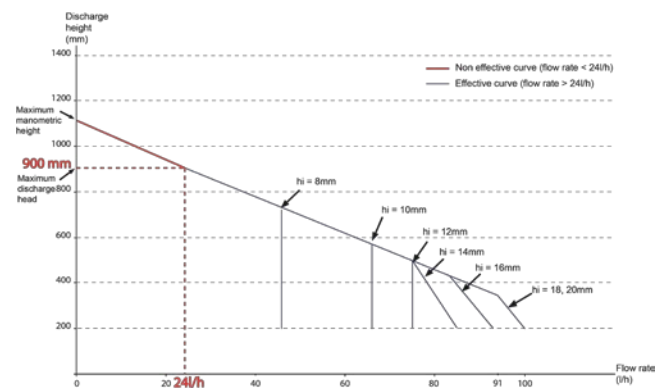


TECHNICAL SPECIFICATION

Max. flow rate	100 l/h at 200 mm
Max discharge head	900 mm (flow rate=24l/h)
Sound level in application at 1m: (Measured in Sauermann acoustic lab, pump operating with water)	≤ 30 dBA
Mains supply	230V~ 50Hz - 14 W
Insulation class	□ (double insulation)
Detection levels	Safety : 18mm
Safety switch	NC 50VA résistif – 250V
Thermal protection (overheating)	Impedance protected
Operating conditions	100% - continuous duty We recommend to use On/Off detection device
Protection	IPX4
Pump dimensions (LxIxh)	88 x 75 x 94 mm
Pump diameter	46 mm
Safety standards	CE & EAC
RoHS directive	Compliant
WEEE directive	Compliant
Packaging	0.60kg - L112 x W91 x H91 mm
Masterpack	25 pieces



ACTUAL FLOW RATES (l/h)		
Discharge head	Total hose length using (Ø int 10 mm, 3/8")	
	Maximal immersion (20mm)	
200 mm	100	
400 mm	90	
600 mm	60	
800 mm	38	
900 mm	24	



RECOMMENDED ACCESSORIES



Clear PVC hose Ø int. 10mm (3/8")
 ACC00911: 25 m
 ACC00915: Braided, 25 m



Check valves with rubber elbow for hose Ø int. 10 mm (3/8")
 ACC00802: 57 mm radius
 ACC00806: 42 mm radius

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