# **Sauermann**<sup>®</sup>

#### Sauermann® part #: SI2052SIUN23



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**



#### « Sauermann inside » : new reinforced 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 :

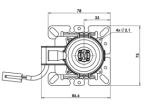
- Cassette type 4-ways, 2-ways, 1-way
- Ceiling suspended
- Ducted

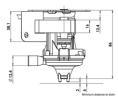
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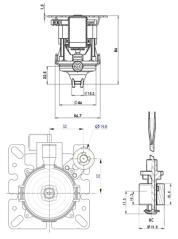




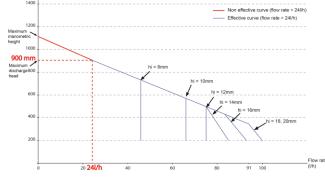
TECHNICAL SPECIFICATION		
Max. flow rate	100 l/h at 200 mm	
Max discharge head	900 mm (flow rate=24l/h)	
Sound level in application at 1m: (Measured in Sauermann acoustic lab, pump operating with water)	≤ 30 dBA	
Mains supply	230V~ 50Hz - 14 W	
Insulation class	(double insulation)	
Detection levels	Safety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







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



## **RECOMMENDED ACCESSORIES**



Clear PVC hose Ø int. 10mm (38") ACC 00125 : 25 m ACC 00126 : Braided, 25 m



**Check valves** with rubber elbow for hose Ø int. 10 mm (3/8") ACC 00802 : 57 mm radius ACC 00806 : 42 mm radius