

Sauermann Si1082 Condensate Pump

The Si1082 min-pump is a mono-block piston pump with integrated detection. It's advantageous compact IP54 rated design suits systems with limited internal space and specifically favours systems with external drain spigots or directly mounted near the air conditioner.

The lowered sensing level completes evacuation of condensate and limits the proliferation of germs and bacteria all at very low noise levels. This sensor requires zero maintenance due to clever pump and float design

For easy installation, the kit comes complete with an 8l/hr piston pump, 1.5m electrical cable and easy to fit connection plug, metal mounting bracket and anti vibration pads, rubber inlet adaptor (Ø15 ID x 35mm), 4mm vent tube and integrated 3 level float (on / off / alarm) with the alarm contact normally closed, facilitating a system whereby it automatically cuts off either the air conditioning compressor or a solenoid valve.

These pumps are suitable for various type units such as air conditioners, fan coil units, ceiling suspended units, wall split units.

Technical Performance Data

Mains supply	230V~ 50/60Hz -10 W
Max flow rate	8 l/h
Max discharge head	6 m
Detection levels	On=18mm, Off=12mm, Alarm=21mm
Alarm contact	NC 8 A resistive - 250V
Thermal protection (overheat)	90°C
Sound level	≤ 28 dBA at 1 m
Protection	IP 54
Pump dimensions	L 66 x W 44 x H 77 mm

True Flow rate Table for Si1082

The head losses defined In this table are calculated With a 6 mm int. Flexible pipe work	Vertical discharge head	Total tubing length			
		5 m (in l/h)	10 m (in l/h)	20 m (in l/h)	30 m (in l/h)
	1 m	6,8	6,3	5,3	4,3
	2 m	5,5	5,0	4,1	3,2
	3 m	4,2	3,8	3,0	2,5
	4 m	3,0	2,6	2,2	2,0
	5 m	2,2	2,0	1,8	1,5
	6 m	1,5	1,4	1,2	1,0