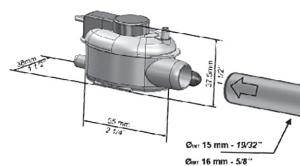
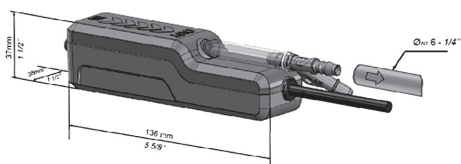


# PISTON PUMP

## SI-20

*Slim for installation inside the air conditioning system*

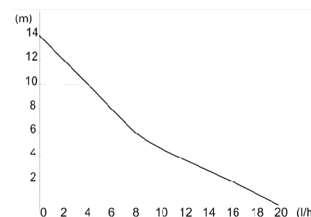
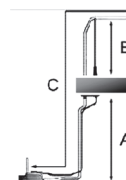
**sauermann®**



Max flow rate	Max intake h	Max delivery head	Max pressure	V	Hz	W	kg	CODE	€
20 l/h	3 m	10 m	14 m	230~	50	14	0.48	<b>0504049</b>	<b>196.00</b>

TABLE OF EFFECTIVE FLOW RATES (L/H)

Height Of intake (A)	Height of flow (B)	Tot. length of the pipe ( int. Ø 6 mm, 1/4" ) – (C)			
		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
0.6 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	



The pump can easily be installed inside mini-split air conditioners up to 20 kW. (Without external conduit) Specifically designed to drain condensation water, the SI-20 is an extremely reliable pump in any environmental conditions.

As far as comfort is concerned, the SI-20 has the same extremely limited noise level no matter how much condensation needs to be drained.

### APPLICATIONS

Air conditioners up to 20 kW

### ADVANTAGES

- Easy installation
- Long (slim) shape.
- The rubber dampers that surround the pump allow direct installation in the mini-split.
- Appropriate electric cable length.
- The pre-installed "Drain Safe Device" guarantees optimum operation of the pump and prolongs its life.
- Silent operation: 22 dBA, tested in an independent laboratory.
- The pump maintains a constant noise level regardless of the power of the air conditioner and of the quantity of condensation produced.
- The rubber dampers surrounding the pump have been specifically designed to reduce the vibrations transmitted to the mini-split or to the wall.
- The flow pipe is equipped with insulating anti-vibration and anti-condensation material.
- Sauermann Inside: piston with patented technology.
- Increased power: just one item, suitable for all types of air conditioners up to 20 kW.

- Resistant to numerous particles conveyed through the conditioned air, in all types of environments.

- Maximum reliability.

- The "Drain Safe Device" guarantees optimum operation of the pump and prolongs its life.

Energy saving, thanks to its high flow rate, the operating time is limited and, as a result, so is the energy consumption.

### TECHNICAL CHARACTERISTICS

Sound level at 1 m: In compliance with standard EN ISO 3744 (measurement LNE

on pump in water, not installed) 22 dBA

Noise level in application at 1 m: (Measurement performed in the Sauermann sound laboratory with pump in water) < 25 dBA

Electrical power supply 230 V ~ 50 Hz - 14 W

Insulation class (double insulation)

Measured levels ON: 16 mm, OFF: 11 mm, Safety: 19 mm

NC 8 A resistive - 250 V alarm contact

Trip switch (overheating) 115 °C (automatic reset)

Operating conditions 100% - Continuous operation

Protection IPX2

Pump dimensions L 136 x I 38 x H 37 mm

CE and EAC safety standards

Compliant with RoHS directive and RAEE directive