



DATA SHEET

PE 5100

Peristaltic pump

Sauermann® part #: PE5100SIUN23

Compact pump

The peristaltic pump is controlled by 2 thermal probes. When the temperature difference has fallen below 6 °C, the pump runs. It stops 3 minutes after the temperature difference is fallen below 6 °C.

This pump must not be used in continuous run.

Benefits



High performance

- High discharge head up to 12 m.
- Low noise level.



Easy and quick maintenance

- Its replaceable head and easy access tube reduce maintenance costs.



Easy to install

- Compact design.
- IP65 protection allows installation without ventilation.



Kit content

- Peristaltic pump PE5100
- Cable: 1.7 m, including 2 wires for power supply (P & N)
- 2 thermal probes with 3.5 m cable:
 - Red cap for ambient air
 - Blue cap for fresh air
- Easy "1 screw" sliding plastic bracket
- Ø 15 mm to Ø 6 mm adaptor + pale yellow rubber (Ø 15 x 35 mm) - (PE5003)

Technical specifications

Max. flow rate	6 l/h
Max suction head	2 m
Max discharge head	12 m
Sound level in application at 1m (Measured in Sauer mann acoustic lab, pump operating with water)	≤ 30 dBA
Mains supply	230 V~ 50 Hz - 11 W
Insulation class	□ (double insulation)
Detection type	2 thermal probes
Protection	IP65
Pump dimensions	L 109 x W 110 x H 91 mm
Safety standards	CE & EAC
RoHS directive	Compliant
WEEE directive	Compliant
Packaging	1.15 kg
Masterpack	16 pieces



Applications

For use with any air-conditioning units up to 8 kw:

- Wall mounted
- Ceiling suspended
- Computer room air conditioning
- Ducted

Accessories

Name	#Pat
 Clear PVC hose Ø int. 6 mm (1/4")	ACC00909 (5 m) ACC00910 (50 m) ACC00914 (Braided, 50 m)
 Replacement head For PE5000; PE5100 and PE5200	PE5001
 5 self-sealing fittings for hose Ø int. 6 mm (1/4")	ACC00919
 Replacement hose For PE5000, PE5100 and PE5200	PE5002

Actual flow rate (l/h)

Total tube length (Ø int. 6 mm; 1/4")

Max suction head	Max discharge head	The discharge flow is constant whatever the discharge or the suction head
2 m	12 m	6