

PE 5100

PERISTALTIC PUMP



Compact pump

The peristaltic pump is controlled by 2 thermal probes. When the temperature difference reaches 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 continuously run.

BENEFITS



- **High performance**

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

- **Easy to install**

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



- **Easy and quick maintenance**

Its replaceable head and easy access tube reduce maintenance costs

KIT CONTENT

- Peristaltic pump PE 5100
- Cable: 1.7 m, including 2 wires for power supply (P &N).
- 2 thermal probes with 3.5m 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 35mm) - (PE5003)

APPLICATIONS

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

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



TECHNICAL SPECIFICATION

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

ACTUAL FLOW RATE (l/h)

		Tube (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

RECOMMENDED ACCESSORIES



Clear PVC hose Ø int. 6mm (1/4")
 ACC00105 : 5 m
 ACC 00150 : 50 m
 ACC 00151 : Braided, 50 m



Adaptor + pale yellow rubber
 To reduce diameter from Ø int. 15mm (3/5") to Ø int. 6mm (1/4")
 PE 5003



6 Self-sealing fittings
 for hose
 Ø int. 6 mm (1/4")
 ACC 00205



Float detector, used to operate an additional alarm or to switch on the pump
 ACC 00601



Replacement head
 for PE5000, PE5100 and PE5200
 PE 5001



Replacement tube
 for PE5000, PE5100 and PE5200
 PE 5002