PRODUCT MANUAL

Condensate Pump PC12B PC36B

Model: PC-12B / PC-36B



CATEGORY
Pumps & Flow Switches

MODEL
PC-12B / PC-36B

ISSUE DATE
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1. Product Overview

The PC-12B and PC-36B are the compact condensate pumps in the range - small enough to fit inside a ducted unit or beside a cassette, with a 35 ml tank and a suction lift of up to 2 m, which means the pump can sit below the drain tray rather than having to be level with it.

Flow rates are 12 L/h and 36 L/h with a maximum discharge head of 10 m (33 ft). In practice the 12 L/h version suits mini splits up to 8 kW (30,000 Btu/h) and the 36 L/h version up to 15 kW (45,000 Btu/h). Sound levels are 19 and 21 dB(A), and power consumption is 3 W - low enough that the pump can run continuously while the unit is in cooling without appearing on the electricity bill.

Supply is 100 to 230 V at 50/60 Hz, so the same pump works on any single-phase supply in the markets these units are sold into, and the ambient rating is 0 to 50 C.

The design detail that matters is the small tank: it keeps the pump short, which is what allows installation inside a shallow duct or a ceiling void where a tank-type pump will not go. The trade-off is more frequent cycling, which is why the noise figure matters - at 19 dB(A) it is quieter than the room it serves.

Installation: mount the pump level and as close to the drain as possible, keep the suction line short and continuously rising to the pump, and run the discharge to a point with a fall or a free outlet - never into a sealed line. Test the overflow safety switch at commissioning by filling the tank by hand and confirming the cooling stops before the tray overflows.

2. Key Features

- Compact tank (35 ml) with 2 m suction lift
- Suitable for ducted and wall-mounted split units up to 15 kW
- Quiet operation at 19–21 dB(A), 0–50 °C ambient

3. Technical Specifications

Item	Specification
Model	PC-12B / PC-36B
Voltage	100V – 230V, 50/60 Hz
Discharge head	Max. 10 m (33 ft)
Suction lift	Max. 2 m (6.5 ft)
Flow rate	12 L/h (4.0 GPH) / 36 L/h (9.6 GPH)
Tank capacity	35 ml
Mini splits up to	8 kW (30,000 Btu/h) / 15 kW (45,000 Btu/h)
Sound level	19 dB(A) / 21 dB(A)
Power	3 W

4. Commercial Terms

MINIMUM ORDER
Negotiable

LEAD TIME
Negotiable

SHIPPING PORT
Shanghai / Ningbo, China

PLACE OF ORIGIN
China

PAYMENT TERMS
T/T, L/C

SUPPLY ABILITY
Negotiable

5. Product Gallery









Contact us for a free quotation

Our engineering team replies within 24 hours with selection advice and an FOB / CIF quotation.



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