

MINIBLUE® V2

Precision and efficiency with built-in V2 intelligence

The next-generation in the trusted **BlueDiamond®** condensate removal pump range - MiniBlue® V2, featuring refined **Rotary Diaphragm** technology in a compact, more intelligent design.



RANKING ●●○○○

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3
YEAR
WARRANTY

With a clog-resistant, valveless, filter-free design and integrated **CondenseSense™** technology, the pump self-adjusts its flow speed to **match condensate levels**. The **MiniBlue® V2** ensures precise performance, lower energy and **sound volumes** with the added benefit of **minimal maintenance**.

MiniBlue V2 delivers

- Automatic **self priming** and run dry tolerance.
- Refined **Rotary Diaphragm** technology to prevent **bio-film** build-up.
- **CondenseSense™** integration for intelligent, **automatic flow adjustment**.
- Records regular condensate levels for future removal cycles.
- **Soft start sequencing** ensures smooth, quiet system activation.

New intelligent features ✓



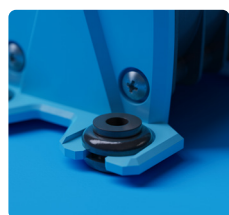
Plug and play set-up

Pre-connected mains cable, an easy sensor connection and a **2m extension cable** as standard ensure **fast installation** and **flexible pump positioning**, allowing convenient remote installation.



CondenseSense™ compatible

Compact sensor technology with an integrated **CS2 microchip** delivers automatic flow adjustment, smooth start-up, and **quick installation**.



Quiet by design

Anti-vibration feet and intelligent soft-start variable flow control deliver powerful, **ultra-quiet performance** with sound levels as low as **19 dB(A)**.

Pump overview

- ✓ Rotary Diaphragm technology
- ✓ Maximum flow: up to 8.0 Litres hour
- ✓ Maximum head: 8.0 Metres
- ✓ Maximum lift: 5.0 Metres
- ✓ Sound level: 19 dB(A)
- ✓ Dual voltage: 115-230v - 50/60Hz
- ✓ Alarm: Volt free, audio and LED
- ✓ Comes with CondenseSense™ reservoir sensor - **X88-509**

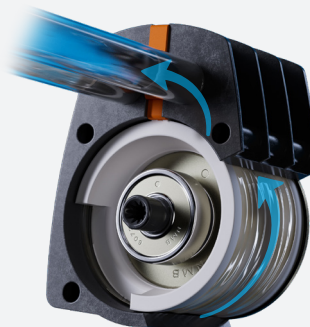


Applications

- Air conditioning systems up to **8KW**
- Domestic Mini-split and cassette systems
- Intermittent cooling/ condensate levels
- Small-range fan coil applications

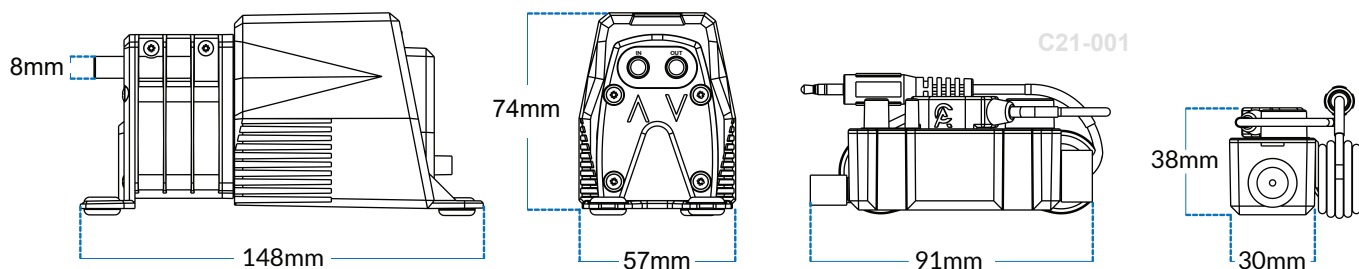
Rotary Diaphragm technology

- Patented Rotary Diaphragm design
- Self-priming, valve-free operation
- Excellent dry-run tolerance
- Clog-resistant design
- Handles bio-films and suspended solids
- Smooth, pulsation-free flow
- Reinforced diaphragm with robust spine
- Operates in any orientation



Pump dimensions (mm)

Mounting information here [↗](#)



Specification

Performance

Max flow:	8.0 Litres hour
Max head:	8.0 Metres
Max lift:	5.0 Metres
Sound level:	19 dB(A)
Alarm type:	Volt free, Audio, LED

Unit size

Air conditioning (Max): 8.0 Kw

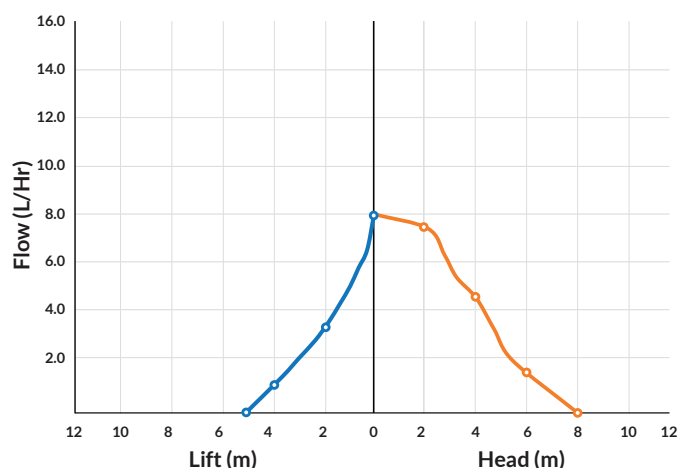
Consumption

Voltage:	115-230V
Frequency:	50/60Hz
Draw (Amps):	0.03 (115v), 0.05 (230v)
Power (Watts):	5.5W
Power (Voltage amps):	5.7VA
Power factor:	0.96
IP rating:	IP4X

Product sizing (L x W x H)

Dimensions:	148 x 57 x 74mm
Weight:	640 Grams
Inlet:	8mm Straight
Outlet:	8mm Straight
Alarm and power cable:	2 Metres
Reservoir:	91 x 30 x 38mm
Reservoir lead length:	40cm
+ Extension lead (in box):	2m (2.4m total)

Performance graph



The graph presents flow, head, and lift performance for the **MiniBlue V2** operating conditions, showing how each parameter which may vary depending on conditions and thickness of liquid.

Discharge pipe chart

Head-to-run ratio

1m ↑ : 3m →



Up to 5m

Available with Ducting Kit



X88-008

(V) ↑ Vertical discharge pipe, (H) → Horizontal discharge pipe

Vertical ↑	8m	7m	6m	5m	4m	3m	2m	1m
Horizontal →	0m	3m	6m	9m	12m	15m	18m	21m

The MiniBlue's maximum head (8m) is **NOT reduced** or effected by suction lift (5m). Once installed, suction lift and discharge head should be considered independently. Ideal for small air conditioning units.

Support and resources directory [↗](#)

User Manual

Scan the QR code to access the full user manual, including explanation of pump features.



Installation Guides

For a simple step-by-step videos on the quickest and easiest way to install your pump.



This datasheet is provided for general information only and does not constitute a warranty or guarantee of performance. The pump must be installed and operated in accordance with the manufacturer's instructions and applicable local codes. Use of the pump outside its rated conditions (e.g., voltage, head height, fluid compatibility, ambient temperature) may result in malfunction or damage and will void any applicable warranty. It is the responsibility of the installer and end-user to ensure suitability for the intended application.

MiniBlue V2 A4 datasheet UK V1.3

Certifications



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Designed, Engineered and Manufactured in the UK