With **V2 SERIES** features

Model: X86-001 & X86-002

MICROBLUE®

Compact, ultra-quiet condensate pump - Now with V2 intelligence

The **MicroBlue®** provides discreet condensate removal inside or away from the air conditioning unit. Its compact, ultra-quiet design gives installers greater flexibility where space is limited.



V2 RANKING ●●○○○

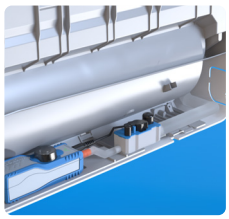
*3 YEAR WARRANTY

Its **lightweight**, **space-saving** design incorporates GyRok™ technology for **compact**, **self-priming** performance, while the **anti-vibration architecture** minimises operational noise. Ideal for applications where compact dimensions, **quiet operation** and **efficient pump control** are essential.

MicroBlue® delivers

- Whisper quiet operation as low as 17dB(A)
- **Automatic priming** without the need to manually siphon.
- **CondenSense® integration** for intelligent, demand-based activity with **automatic flow adjustment**.
- **Soft start sequencing** ensures smooth, quiet system activation.
- Simplified **plug-and-play** installation and connections.

MicroBlue® Pump features



Simple installation

Designed for quick and hassle-free installation, with straightforward connections and a compact footprint that can even fit under the drip tray of the air conditioning unit.



CondenSense® compatible

Compact sensor technology with integrated CS2 intelligence enables automatic flow adjustment, smooth start-up and intelligent, demand-based operation.



Whisper quiet operation

Engineered for discreet installations, with ultra-quiet operation as low as 17 dB(A) for minimal disturbance in residential environments.

Pump overview

- GyRok™ technology
- Maximum flow: 5.0 Litres hour
- Maximum head: 5.0 Metres
- Maximum lift: 2.0 Metres
- Sound level: 17 dB(A)
- Dual voltage (115-230v - 50/60Hz)

Purchase options:

- High Level Alarm (HLA) with CondenSense® reservoir sensor - **X86-001**
- Fail Safe Alarm (FSA) with CondenSense® reservoir sensor - **X86-002**

SELF PRIMING ACTIVATION

VALVELESS TECHNOLOGY

COMPACT LIGHTWEIGHT

LOW NOISE

Applications

- Air conditioning systems up to **5KW**
- Mini-split systems
- Bedrooms and small office spaces

GyRok™ technology

- Patented design
- Small, compact, lightweight
- Self-priming activation
- Valve-free operation
- Dry-run tolerance
- Whisper quiet
- Performs in any orientation

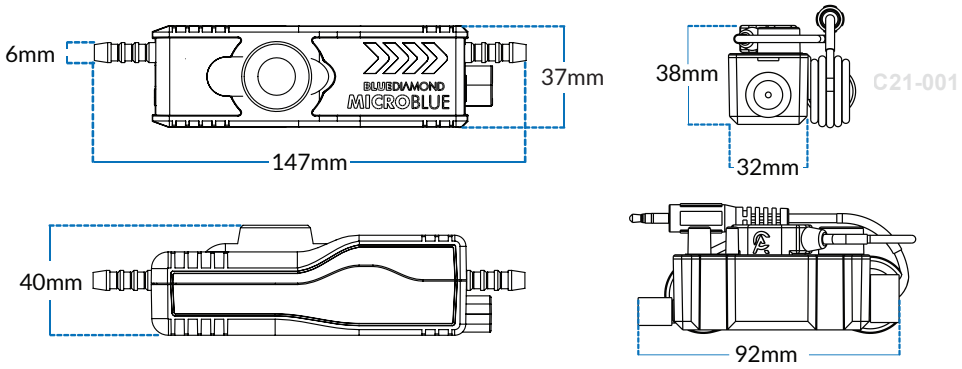


For all sales and technical enquiries contact our team:

E: info@bluediamondpump.com
W: bluediamondpump.com

BLUEDIAMOND®
A brand by Charles Austen Pumps

Pump dimensions (mm)



Alarm types

High Level Alarm (HLA) - 001:
Integral audio and visual alarm. The diagnostic light flashes red with a one-beep warning every minute. The pump continues to operate while in alarm mode.

Fail Safe Alarm (FSA) - 002:
A volt free relay designed to switch the AC unit off, but leaves the pump running continuously when the condensate reaches a critical point in the reservoir.

Specification

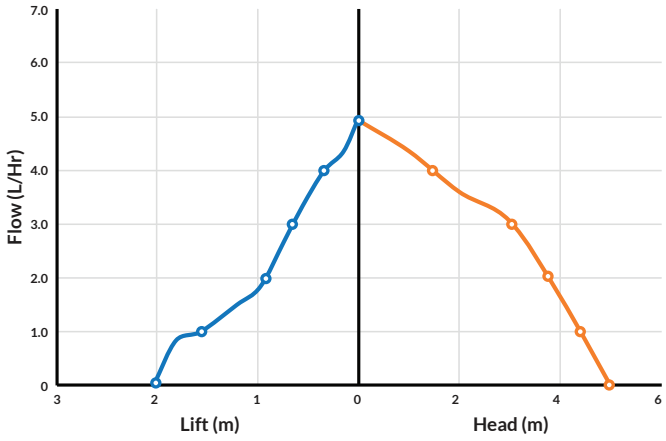
Performance	
Max flow:	5.0 Litres hour
Max head:	5.0 Metres
Max lift:	2.0 Metres
Sound level:	17 dB(A)

Unit size	
Air conditioning (Max):	5 Kw

Consumption (Rated)	
Voltage:	115-230V
Frequency:	50/60Hz
Draw (Amps):	0.04 (230v)
Power (Watts):	2.6W
Power (Voltage amps):	9.4VA
Power factor:	0.29
IP rating:	IPX4

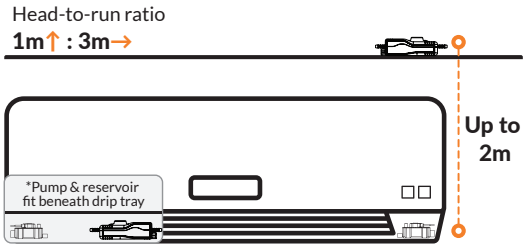
Sizing (L x W x H)	
Dimensions:	147 x 37 x 40mm
Weight:	250 Grams
Inlet:	6mm Barbed
Outlet:	6mm Barbed
Alarm lead:	2 Metres
Reservoir:	92 x 32 x 38mm
Reservoir lead length:	40cm
+ Extension lead (in box):	2m (2.4m total)

Performance graph



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

Discharge pipe chart



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

Vertical ↑	5m	4m	3m	2m	1m
Horizontal →	0m	3m	6m	9m	12m

The MicroBlue maximum head (5m) is **not reduced** or effected by suction lift (2m). Once installed, suction lift and discharge head should be considered independently. Ideal for large industrial size 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.

MicroBlue A4 datasheet UK V1.1 SEPT 2026

Certifications

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