

MAXIBLUE® V2

Performance and reliability with built-in V2 intelligence

Ensuring efficient, dependable operation day after day across a wide range of applications, backed by the trusted durability of the BlueDiamond® V2 Series and 3 year warranty.



V2 RANKING ●●●○○

3
YEAR
WARRANTY

Utilising CondenseSense™ CS2 chip technology, the MaxiBlue® V2 ensures intelligent communication between reservoir and pump, **adapting output** in real time to match condensate levels and **recording** its **environment** for future condensate removal cycles for **maximum efficiency**.

MaxiBlue 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**.
- **Soft start sequencing** ensures smooth, quiet system activation.
- Simplified **plug-and-play** installation, connections and swap-outs.

New intelligent features



Plug and play set-up

Pre-connected mains cable, an easy sensor connection and **2m extension cable** as a 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**.



Dynamic monitoring

Powered by the **CS2 microchip** for real-time performance analytics and rear mounted **LED indicators** provide instant pump status updates, diagnostics and simplifying maintenance.

Pump overview

- ✓ Rotary Diaphragm technology
- ✓ **Maximum flow:** up to 14.0 Litres hour
- ✓ **Maximum head:** 8.0 Metres
- ✓ **Maximum lift:** 8.0 Metres
- ✓ Sound range: 19-21 dB(A)
- ✓ Dual voltage: 115-230v - 50/60Hz
- ✓ Alarm: Volt free, audio and LED
- ✓ Comes with CondenseSense™ reservoir sensor - **X88-701**

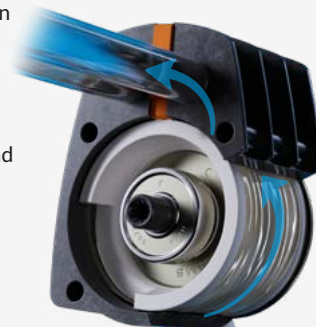


Applications

- Air conditioning systems up to **14KW**
- Commercial mini-split and cassette systems
- High humidity environments
- Mid-range fan coil applications

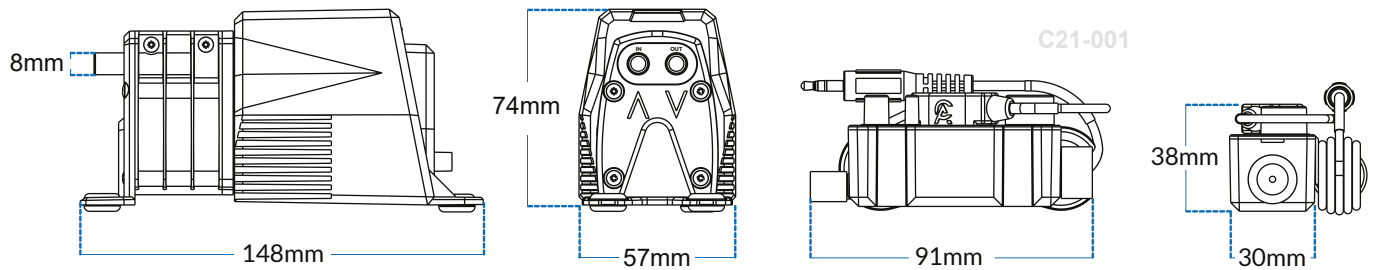
Rotary Diaphragm technology

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



Pump dimensions (mm)

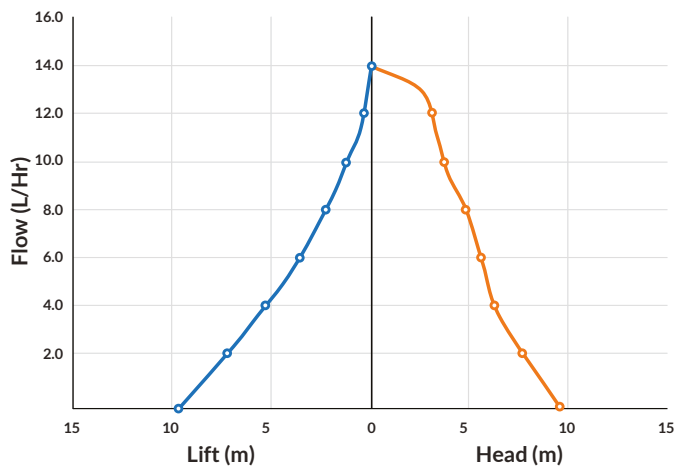
Mounting information here [↗](#)



Specification

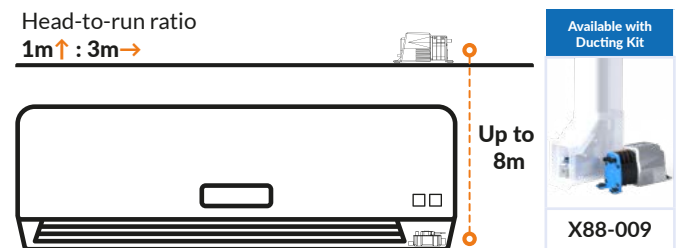
Performance		Consumption		Product sizing (L x W x H)	
Max flow:	14.0 Litres hour	Voltage:	115-230V	Dimensions:	148 x 57 x 74mm
Max head:	8.0 Meters	Frequency:	50/60Hz	Weight:	640 Grams
Max lift:	8.0 Meters	Draw (Amps):	0.03(115v), 0.05(230v)	Inlet:	8mm Straight
Sound (at low level):	19 dB(A)	Power (Watts):	5.5W	Outlet:	8mm Straight
Sound (at high level):	21 dB(A)	Power (Voltage amps)	5.7VA	Alarm and power cable:	2 Metres
Alarm type:	Volt free, Audio, LED	Power factor:	0.96	Reservoir:	91 x 30 x 38mm
Unit size		IP rating:	IP4X	Reservoir lead lenght:	40cm
Air conditioning (Max): 14.0 Kw				+ Extension lead (in box):	2m (2.4m total)

Performance graph



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

Discharge pipechart



(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 MaxiBlue's maximum head (8m) is NOT reduced or effected by suction lift (8m). Once installed, suction lift and discharge head should be considered independently. Ideal for mini-split and cassette 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.

MaxiBlue V2 A4 UK V1.3

Certifications



Visit us online



Charles Austen Pumps Ltd (HQ)

100 Royston Road
Byfleet, Surrey
KT14 7NY United Kingdom

Global offices

UK: Surrey, England
 EU: Rotterdam, Netherlands
 USA: Buford, Georgia

Contact us

T: +44 (0)1932 355 277
E: info@bluediamondpump.com
W: bluediamondpump.com

A brand by Charles Austen Pumps

BLUEDIAMOND
Innovator of HVACR solutions

Designed, Engineered and Manufactured in the UK