

**NEW**

# MAXIBLUE®

BUILT ON A **LEGACY**. POWERED BY **INNOVATION**.

PLENUM  
RATED



## PERFORMANCE. INTELLIGENCE. RELIABILITY.

MaxiBlue® V2 is the next-generation pump in the trusted BlueDiamond® range, featuring enhanced Rotary Diaphragm technology in a **lighter**, more **efficient** design. Its smart control electronics enable **real-time monitoring** and **adaptive condensate management**.

With a clog-resistant, **filter-free** design and integrated **CondenSense™** technology, it **self-adjusts** its flow speed to match condensate levels, ensuring **precise performance**, **lower energy** use, **lower sound** volumes and **minimal maintenance**.



**MAX FLOW**  
3.7 G/Hour



**SOUND RANGE**  
19dB(A) - 21 dB(A)  
(Low flow) (High flow)



**MAX HEAD**  
26 Feet



**SUGGESTED A/C UNIT**  
Up to: 48,000 BTU



**MAX LIFT**  
26 Feet



**POWER**  
115V - 230V - 50/60Hz

\*Full imperial specifications on the next page ▶

## MAXIBLUE® V2 DELIVERS

- Automatic priming without the need to manually siphon.
- Enhanced Rotary Diaphragm technology to prevent **bio-film** build-up.
- Dynamic condensate monitoring for active condensate tracking and monitoring.
- **CondenSense™** integration for intelligent, demand-based operation with **automatic flow adjustment**.
- Energy and sound efficiency minimises power usage and reduces operational sound.
- **Soft start sequencing** ensures smooth, quiet system activation and prolongs pump life.

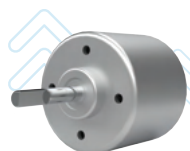
## IDEAL FOR

- Air conditioning systems up to **48,000 BTU**.
- **Mini-split** and **cassette** systems.
- Mid-range fan coil applications.
- **High humidity** environments.
- Ideal for pumping and preventing **bio-films**.

## PURCHASE WITH

- MaxiBlue | V2 with CondenSense™ Reservoir (X88-721)

## V2 NEW FEATURES



### UPGRADED EFFICIENCY

MaxiBlue V2 features a brand new, **cutting-edge brushless motor** delivering unbeatable **performance**, superior **reliability** and enhanced **energy efficiency**.



### CONDENSENSE™ COMPATIBLE

Now with smart **CondenSense™** technology, enabling **variable speed control** and **soft start sequencing** for **intelligent**, efficient and unintrusive condensate removal.



### NEW ARCHITECTURE

MaxiBlue V2 features a new **streamlined body**, integrated elastomeric feet, and new **plug-and-play** connectivity, making setup simpler than ever.



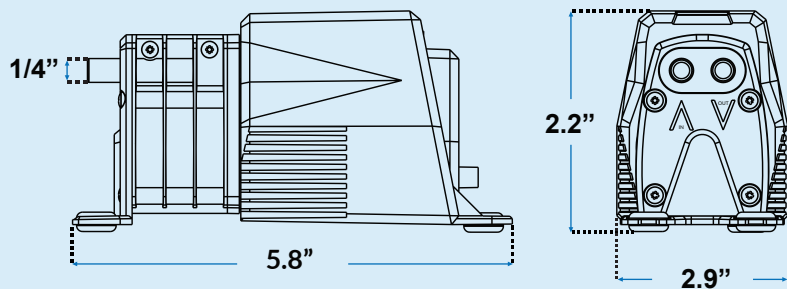
### DYNAMIC MONITORING

Providing real-time performance data for engineers. **Rear-mounted LED** indicators deliver instant **pump status** updates, simplifying HVAC maintenance.

Find out more about V2 series ▶

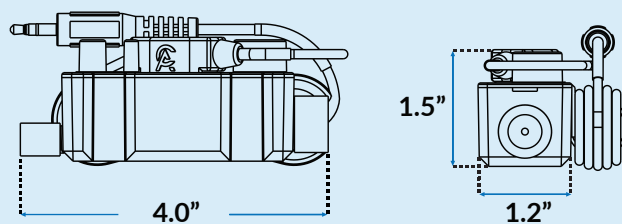


## PUMP DIMENSION (INCHES ")



\*Power and alarm connection lead - 6.5 Feet

## RESERVOIR DIMENSION (INCHES ")



\*Aux connection lead - 6.5 Feet

## PERFORMANCE

|              |                                              |
|--------------|----------------------------------------------|
| Max Flow:    | 3.7 Gallons Hour                             |
| Max Head:    | 26 Feet                                      |
| Max Lift:    | 26 Feet                                      |
| Sound Range: | 19dB(A) - 21 dB(A)<br>(Low flow) (High flow) |

## UNIT

|             |            |
|-------------|------------|
| Max A/C KW: | 48,000 BTU |
|-------------|------------|

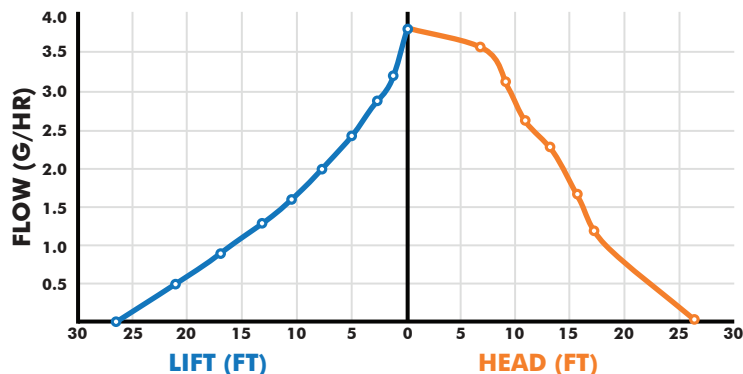
## CONSUMPTION

|               |                          |
|---------------|--------------------------|
| Voltages:     | 115-230V                 |
| Frequency:    | 50/60Hz                  |
| Draw (A):     | 0.03 (115V), 0.05 (230V) |
| Power (W):    | 5.5W                     |
| Power (VA):   | 5.7VA                    |
| Power Factor: | 0.96                     |
| IP Rating:    | IP4X                     |

## SIZING (LxWxH)

|             |                      |
|-------------|----------------------|
| Dimensions: | 5.8" x 2.2" x 2.9"   |
| Weight:     | 22.5 Oz              |
| Inlet:      | 1/4" Straight        |
| Outlet:     | 1/4" Straight        |
| Alarm lead: | 6.5 Feet             |
| Reservoir:  | 4.0" x 1.2" x 1.5"mm |

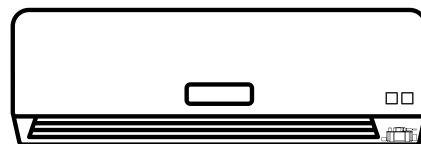
## PERFORMANCE GRAPH



The graph presents flow, head, and lift performance for the **MaxiBlue® V2**'s operating conditions, showing how each parameter varies with system demand.

## DISCHARGE PIPE CHART

 Ideal for Mini-Split & Cassette systems



|              |      |      |      |      |      |      |      |      |
|--------------|------|------|------|------|------|------|------|------|
| <b>V</b> (↑) | 26ft | 23ft | 19ft | 16ft | 13ft | 10ft | 7ft  | 3ft  |
| <b>H</b> (→) | 0ft  | 10ft | 20ft | 30ft | 40ft | 50ft | 60ft | 69ft |

(V) ↑ Vertical Discharge Pipe, (H) → Horizontal Discharge Pipe

The **MaxiBlue® V2** can be mounted in any orientation up to **26ft** away from the air conditioning unit.

**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 DATASHEET

BLUEDIAMOND | [bluediamondpump.com](http://bluediamondpump.com)

**CHARLES AUSTEN PUMPS LTD** (Manufacturer)

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## Global Offices

US Office: Buford, Georgia  
UK Office (HQ): Surrey, England  
EU Office: Rotterdam, Netherlands

