

**NEW**

# ARCTIKBLUE®

BUILT ON A LEGACY. POWERED BY INNOVATION.



## RELIABILITY. INTELLIGENCE. EFFICIENCY.

ArctikBlue® V2 - the next-generation refrigeration condensate drainage. Powered by our unique Rotary Diaphragm technology with CondenseSense™ intelligent sensing, it automatically adjusts flow to match condensate levels, maximising efficiency, reducing sound output and energy use.

The clog resistant, filter free design and optimised flow paths prevent bio-film build-up, while its compact, corrosion resistant construction ensures long term, reliable operation in demanding refrigeration environments.



**MAX FLOW**  
50 L/Hour



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



**MAX HEAD**  
20 Metres



**MAX FRIDGE SIZE**  
Up to: 50.0 KW



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

\*Full metric specifications on the next page ▶

### ARCTIKBLUE® V2 DELIVERS

- Unique pumping technology to prevent bio-film build-up.
- Dynamic condensate monitoring for active condensate tracking and monitoring.
- CondenseSense™ 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.
- Ultra-Low profile design (65mm) for simplified installation

### IDEAL FOR

- Air conditioning systems up to 50.0 KW.
- Large scale refrigeration systems.
- Dairy cabinets.
- High humidity environments.
- Ideal for pumping and preventing bio-films.

### PURCHASE WITH

- ArctikBlue® | V2 with CondenseSense™ (X88-859)
- ArctikBlue® Swap Out Kit - (X88-861)

## V2 NEW FEATURES



### DISCREET, LOW PROFILE

The ArctikBlue® tray features a low-profile design, standing at just 65mm in height, allowing for discreet installation beneath refrigeration systems without occupying valuable floor space.



### CONDENSENSE™ DETECTION

Now with advanced CondenseSense™ technology and integrated CS2 microchip for intelligent automatic flow adjustment, precision soft-start sequencing, and quiet condensate removal.



### BIO-FILM PREVENTION

BlueDiamond's unique, powerful and valveless rotating diaphragm moves condensate, minimising stagnant zones where bio-film can form. Its anti-clogging design reduces wear and maintenance.



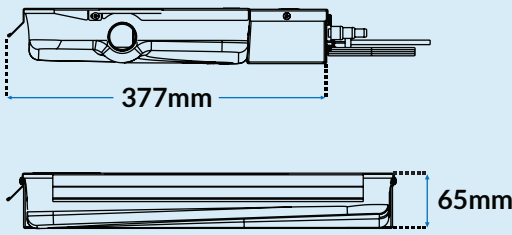
### UNIVERSAL 'PUSH FIT' HOSE

Designed offering a straightforward, user-friendly solution for refrigeration drainage. Its versatile 40mm ID push fit connector allows for quick, secure connection for minimising the risk of leaks.

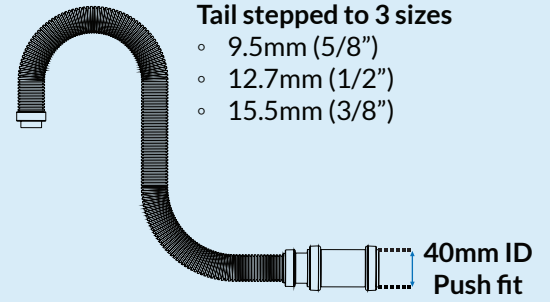
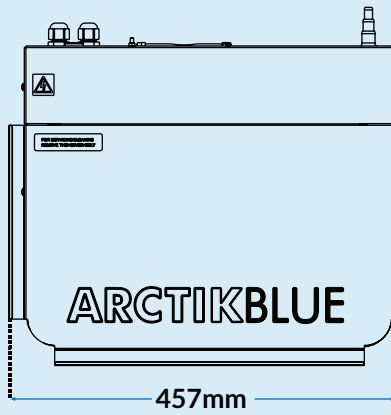
Find out more about V2 series ▶



## DIMENSION (MM)



\*Power and alarm connection lead - 2 metres



\*Waste pipe length - 0.7 metres

## PERFORMANCE

Max Flow:	50 Litres Hour
Max Head:	20 Metres
Max Lift:	7 Metres
Sound Range:	19dB(A) - 21dB(A) (Low flow) (High flow)
Alarm Type:	Volt Free, Audio & LED

## UNIT

Max Fridge KW:	50.0 KW
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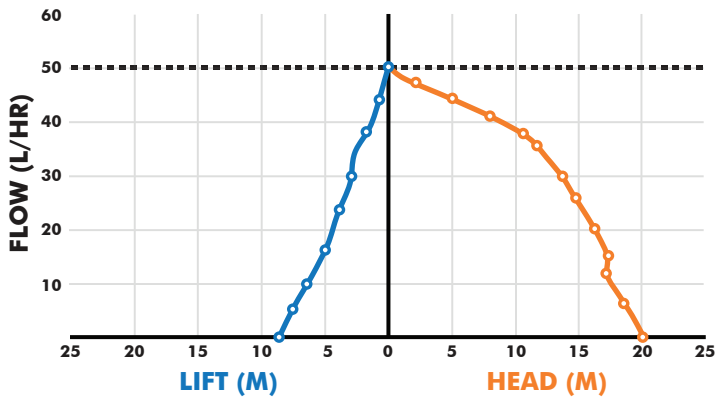
## CONSUMPTION

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
Alarm Rating:	5A 230V AC

## SIZING (LxWxH)

Dimensions:	377 x 457 x 65mm
Weight:	3.97 Kg
Inlet:	40mm ID Straight
Outlet:	12mm OD Straight
Alarm lead:	2 Metres
Tank Capacity:	4.1 Litres
Pump on/off:	330ml
Alarm on vol:	3600ml

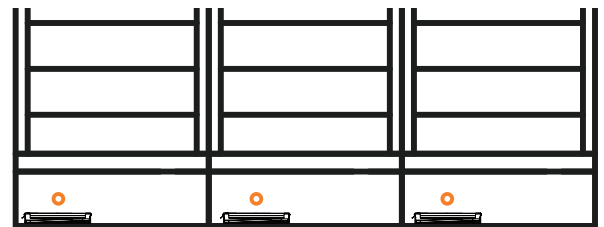
## PERFORMANCE GRAPH



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

## DISCHARGE PIPE CHART

○ For a discreet fit, install under the cabinet kick plate.



V (↑)	20m	15m	10m	5m	0m
H (→)	0m	15m	30m	45m	60m

(V) ↑ Vertical Discharge Pipe, (H) → Horizontal Discharge Pipe  
ArctikBlue® V2 must be mounted horizontally; discharge can be vertical or horizontal, up to 7m from the refrigeration unit.

ArctikBlue® Pumping Bio-film:  
Valveless reliable Flow with no clogs.  
Scan the QR Code to view more.



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.

## ARCTIKBLUE V2 DATASHEET

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

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## Global Offices

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

