

BlueDiamond®

condensate removal pumps

ArctikBlue®

Proven in service the ArctikBlue® incorporates the MegaBlue® pump in a tough steel tray. Eliminating stuck float switches, the use of the BlueDiamond® thermistor technology quickly and efficiently removes all the condensate from the dairy pan, reducing the conditions that allow organic growth to build up and block drains.



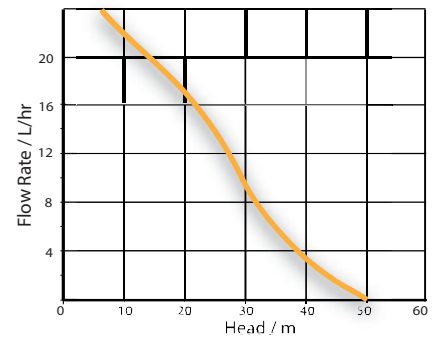
Performance

Max flow	Max head
50 litres/hour	20 metres

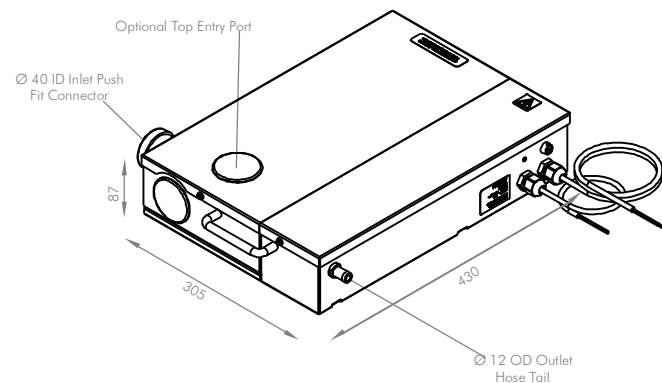
Water Tank Cap.	Pump on/off vol.	Alarm on vol.
4.1 Litres	90ml	3600ml

Alarm signal	Max Alarm rating	Input voltage
0 volt relay	5A 250v AC	230v AC, 60 Hz

Inlet Fitting	Outlet Fitting
Ø 40mm ID push fit connector	Ø 12mm OD hose tail



Dimensions (mm)



BlueDiamond® technology

Not only is the ArctikBlue® backed by a three year warranty, it also uses the BlueDiamond® patented rotary diaphragm technology. The condensate is drawn into the pump by vacuum and mechanically driven within a re-inforced elastomer diaphragm to the outlet under pressure. This system even tolerates suspended solids and light slurries whilst happily running dry.



Thermistor Sensor (Energy Efficient)

The presence of condensate trips the hi-low soild state level sensors to switch pump on/off. Runs pump only when condensate is produced. Alarm shuts off case in fault mode, restarts when clear.

The slim filter probe, which houses the water sensors and high level alarm has no moving parts to become clogged or stuck it is an ideal alternative to existing float switches.



Filteration

Protecting the sensors is our swap out guard, the filter element can be changed over as a complete assembly during preventative maintenance service schedules. The main tray is also protected against objects larger than Ø 2.5mm allowing the pump to remove condensate, sludge and slury