

BlueDiamond™

The only fit and forget condensate pumps

Condensate Removal Pumps

MiniBlue

The small condensate pump that works and works

2.1 g/hour flow
23 ft head
16.5 ft suction lift



MaxiBlue

Fit smart, fit fast, made to last

3.7 g/hour flow
23 ft head
16.5 ft suction lift



MegaBlue

All the reliability with extra performance

13.2 g/hour flow
66.5 ft head
23 ft suction lift



- whisper quiet
- patented rotary diaphragm technology
- unrivalled low power consumption
- no maintenance or servicing required
- ultra reliable multi year warranty
- self priming runs wet or dry
- quick and easy to install
- tolerates suspended solids
- positive displacement pump so no siphoning devices required



Plenum Rated

3 year
Warranty

distributed by:
ASPEN
CANADA
t: 519.432.0568
e: matthew@aspencanada.com
www.aspencanada.com

www.bluediamondpumps.com

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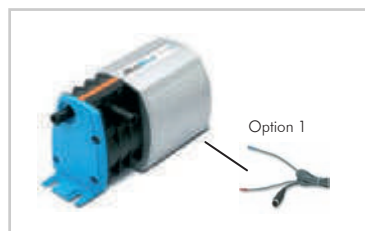
All the reliability with extra performance

13.2 g/hour flow
66.5 ft head
23 ft suction lift

Specifying BlueDiamond

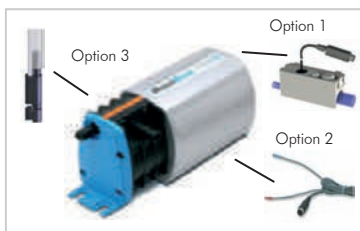
BlueDiamond pumps can fit or retro-fit around any installation

MiniBlue



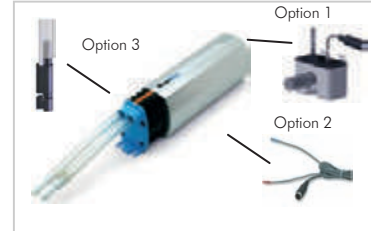
> 27,000 BTU

MaxiBlue



> 48,000 BTU

MegaBlue



> 170,000 BTU

N.B 0.3 g per hour = 3,400 BTU per hour

- Self priming
- Whisper quiet
- Can pump air or water

- Can be mounted in any orientation
- Fit & Forget
- Multi-year warranty

BlueDiamond™

The only fit and forget condensate pumps

Condensate Removal Pumps In The Box



Included



Snapper Clip



Rigid Stepped Adaptor



Flexible Stepped Adaptor

MiniBlue



Sensing Options

*Pump supplied with one option



Temperature Sensing

Option B

Included



Snapper Clip



Rigid Stepped Adaptor



Flexible Stepped Adaptor

MaxiBlue



Sensing Options

*Pump supplied with one option



Reservoir Sensing with Alarm Contacts

Option A



Temperature Sensing

Option B



DrainStik

Option C

Included



Snapper Clip



Rigid Stepped Adaptor



Flexible Stepped Adaptor

MegaBlue



Sensing Options

*Pump supplied with one option



Reservoir Sensing with Alarm Contacts

Option A



Temperature Sensing

Option B



DrainStik

Option C

BlueDiamond™

The only fit and forget condensate pumps

Condensate Removal **Pumps** Sensing Options



MiniBlue

The small condensate pump that works and works and works



Option B

Temp Sensor

Product Code: X87-505 (110V)

X87-512 (230V)

MaxiBlue

Fit smart, fit fast, made to last



Option A

Reservoir

Product Code: X87-711 (110V)

X87-721 (208V/230V)



OR

Option B

Temp Sensor

Product Code: X87-713 (110V)

X87-723 (208V/230V)



OR

Option C

DrainStik

Product Code: X87-712 (110V)

X87-722 (208V/230V)

MegaBlue

All the reliability with extra performance



Option A

Reservoir

Product Code: X87-835 (110V-230V)



OR

Option B

Temp Sensor

Product Code: X87-333 (110V-230V)



OR

Option C

DrainStik

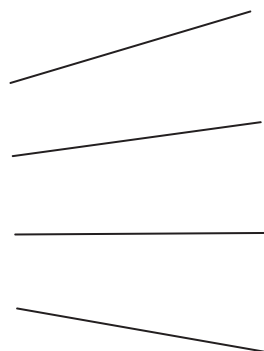
Product Code: X87-834 (110V-230V)

Condensate Removal **Pumps** Accessory Options



MiniBlue

The small condensate pump that works and works and works



Rigid Stepped Adaptor
Product Code: C01-226



Flexible Stepped Adaptor
Product Code: C01-231



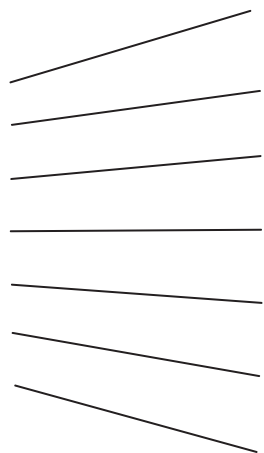
16ft Extension Cable
Product Code: C13-103



Temp Sensor
Product Code: S12-002

MaxiBlue

Fit smart, fit fast, made to last



Rigid Stepped Adaptor
Product Code: C01-226



Flexible Stepped Adaptor
Product Code: C01-231



16ft Extension Cable
Product Code: C13-103



Temp Sensor
Product Code: S12-002



Reservoir Sensor
Product Code: C21-013



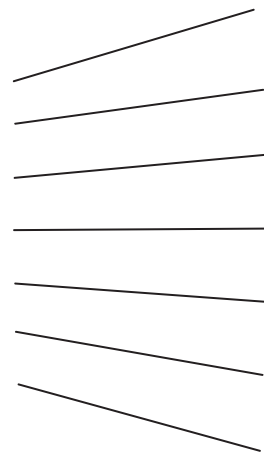
DrainStik
Product Code: S12-004



MultiTank
Product Code: C21-014

MegaBlue

All the reliability with extra performance



Rigid Stepped Adaptor
Product Code: C01-226



Flexible Stepped Adaptor
Product Code: C01-231



16ft Extension Cable
Product Code: C13-103



Temp Sensor
Product Code: S12-002



Reservoir Sensor
Product Code: C21-008



DrainStik
Product Code: S12-004



MultiTank
Product Code: C21-014

MiniBlue™

The small condensate pump that works
and works and works

Blue Diamond
Pumps Inc

Performance

- 2.1 g/hour flow
- 23 ft head
- 16.5 ft suction lift



Plenum Rated

It's not what we offer but what we don't

No filters - unique patented pumping principle reliably removes condensate and debris.

No noise - whisper quiet when running either wet or dry.

No call outs - inherently reliable, self priming with multi year warranty.

No cost penalty - peristaltic performance at the price of a piston.

No time wasted - small enough to quickly fit or retro-fit into any existing installation.

Model	110v	208v - 230v	Max Current Draw 110v 230v	Hz
Reservoir	X87 - 505	X87 - 512	0.7A 0.35A	50/60

3 year
Warranty

Tel: +1 770 831 1122

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Web: www.bluediamondpumps.com

Manufactured by
Charles Austen
Pumps Ltd



MiniBlue options

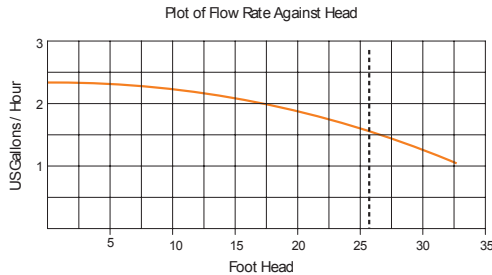


Temperature Sensing

Application Ideas



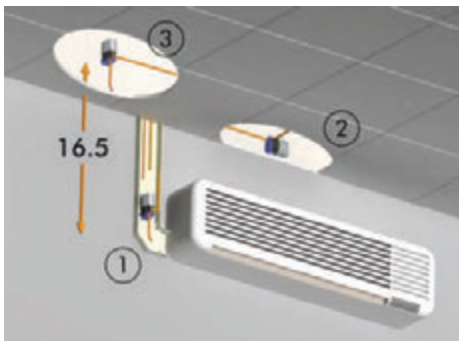
Performance/Technical



Specifying MiniBlue



Siting - Installation Possibilities



Revolutionary pumping principle



MiniBlue™

The small condensate pump that works and works and works

Exceptional performance from a small package:-

Proven rotary diaphragm technology

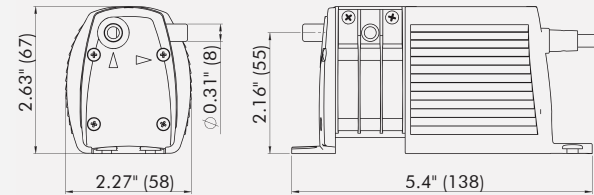
Flow rate up to 2.1 g/hr

Max head 23 ft

Dry suction lift up to 16.5 ft - self priming

Very quiet and low vibration

Low power consumption 70 mA



dimensions in inches
weight 0.5kg

Complete with 0.31" OD intake to connect directly to drain tube and integral output tubing, mounting kit and power cord.

Hot and Cold Sensor

Hot-cold thermistors mounted in air inlet and outlet of room unit sensing when cooling occurs. Runs pump constantly when A/C "on" regardless of whether producing condensate. A universal stepped adapter is supplied with each pump designed to connect any drain pipe to the MiniBlue™

- ① inside line set ② above ceiling ③ remote

MiniBlue™ has all the benefits of the rotary diaphragm technology but in a smaller package. It is small enough to fit into line set, powerful enough for distant location and quiet enough for ceiling mounting. Its your choice. Commissioning is so easy, link pump with a single wire and connect in/out tubing provided - plug and play, fit and forget!

Patented rotary diaphragm pump

Making all these advantages possible is our advanced rotary diaphragm technology as used in the MegaBlue™. The condensate is drawn into the pump by vacuum then mechanically driven within a re-inforced elastomer diaphragm to the outlet under pressure. This system even tolerates suspended solids and light slurries and also happily runs dry.

MiniBlue™ - The small condensate pump that works and works and works

Blue Diamond Pumps Inc
4850 Golden Parkway, Suite B, 409, Buford, GA30518, USA
Tel: +1 770 831 1122 Fax: +1 770 831 9888
Email: info@bluediamondpumps.com
www.bluediamondpumps.com

Manufactured by
**Charles Austen
Pumps Ltd**



Performance

- 3.7 g/hour flow
- 23 ft head
- 16.5 ft suction lift
- quiet 21dB
- integral fail safe alarm



MaxiBlue™ uses the same advanced unique technology as the Blue Diamond range. Designed for high humidity environments it benefits from being a small powerful pump that is controlled by our patented sensing technology - only senses when water is present offering an energy efficient drainage solution.

With a higher performance the MaxiBlue™ is ideally suited for mid range air conditioning systems. Its exceptional reliability is backed by a multi year warranty and class leading performance/suction lift has led it to be installed in environments that are both demanding and expensive to access for maintenance.

Model	110v	208v - 230v	Max Current Draw 110V 230V		Hz
Reservoir	X87 - 711	X87 - 711	0.7A	0.35A	50/60
Temp Sensor	X87 - 713	X87 - 713	0.7A	0.35A	50/60
DrainStik	X87 - 712	X87 - 712	0.7A	0.35A	50/60

3 year
Warranty

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MaxiBlue™ options



Reservoir Sensing
with Alarm Contacts

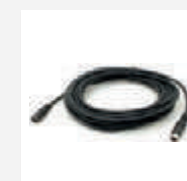


Temperature sensing



DrainStik

Optional Accessories



16ft Extension Cable



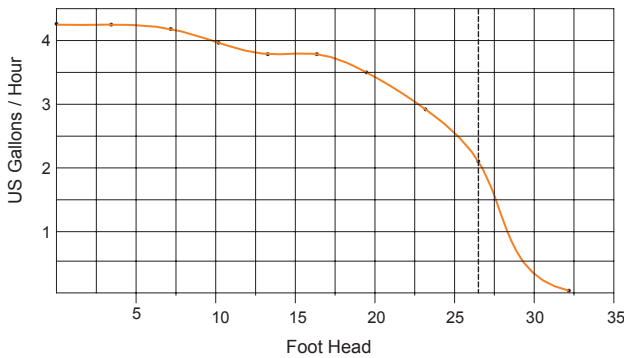
Mounting Feet



MultiTank

Performance/Technical

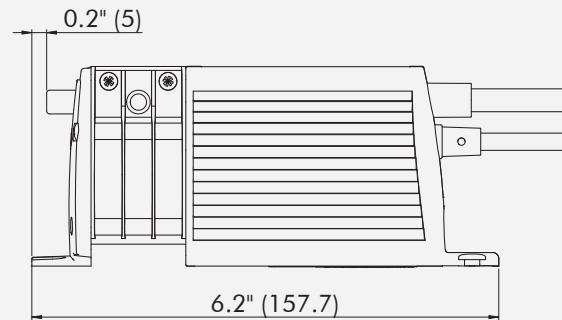
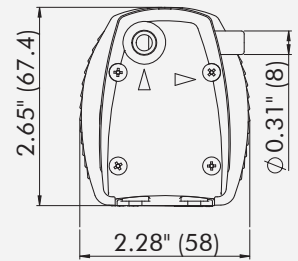
Plot of Flow Rate Against Head



MaxiBlue™

Fit smart, fit fast, made to last

- Proven rotary diaphragm technology
- Flow rate up to 3.7 g/hr
- Dry suction lift up to 16.5 ft
- Self priming
- Energy efficient
- Exceptionally quiet (21dB) and no vibrations
- Powered by unique water sensors
- Thermally protected
- Integral overflow safety switch

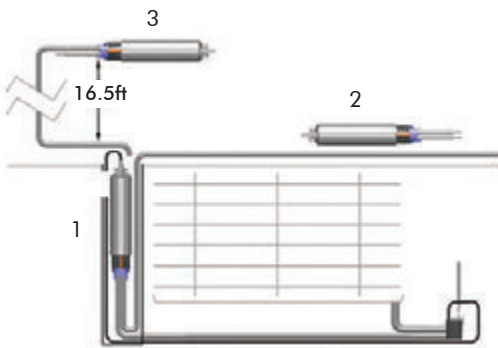


dimensions
in inches
weight 1.5lb

Specifying MaxiBlue™



Siting - Installation Possibilities



Reservoir Sensor (energy efficient) - Connect drip tray to reservoir in which the presence of condensate trips the hi-low solid state level sensors to switch pump on/off. Runs pump only when condensate produced.

Alarm shuts off A/C in fault mode, restarts when clear. Volt free, high level alarm is suitable to connect into City Multi with either CN4F or CN31 drain safety connector, Mr Slim P&M series.

- ① inside line hide ② above ceiling ③ remote

MaxiBlue™ pump is slim enough to fit into line hide or ducting, powerful enough for distant location and quiet enough for ceiling mounting. It's your choice. Commissioning is so easy, link pump to sensing option with single wire DIN plug and connect in/out tubing provided - plug and play, fit and forget!

Revolutionary pumping principle



Patented rotary diaphragm pump

Making all these advantages possible is our advanced rotary diaphragm technology. The condensate is drawn into the pump by vacuum then mechanically driven within a re-inforced elastomer diaphragm to the outlet under pressure. This system even tolerates suspended solids and light slurries and also happily runs dry.

MaxiBlue - Fit smart, fit fast, made to last

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Manufactured by:

**Charles Austen
Pumps Ltd**



Too good to be true?

- 13.2 g/hour flow
- 66.5 ft head
- 23 ft suction lift/self priming
- ultra reliable – multi year warranty
- quiet 22dB
- slimline/lightweight 2.2lb
- integral failsafe alarm
- dual voltage pump
110-250V



Plenum Rated

MegaBlue™ has the performance to overcome installation difficulties – just plug and play, fit and forget.

Proven in service the revolutionary patented principle makes it inherently reliable and is backed by our multi year warranty.

You can limit service calls to stalled or clogged mini pumps.

With new MegaBlue™ there's no penalty up front but big savings on installation and in service beyond.

Keep in the truck to keep out of trouble.

Model	208v - 230v	Max Current Draw		Hz
		110V	230V	
Reservoir	X87 - 835	0.3A	0.15A	50-60
Temp Sensor	X87 - 833	0.3A	0.15A	50-60
DrainStik	X87 - 834	0.3A	0.15A	50-60

3 year
Warranty

Manufactured by:

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Pumps Ltd



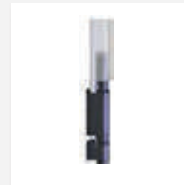
MegaBlue™ options



Reservoir Sensing
with Alarm Contacts



Temperature Sensing



DrainStik

Optional Accessories



16ft Extension Cable



Mounting Feet



MultiTank

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