

product guide 2017

The most complete range of condensate drain pumps and services support for flat roofs. Designed specifically for the HVAC/R industry.





Serving the Middle East & India

Supplying to over 107 countries, Aspen Pumps® and Big Foot® Systems (part of the 'Aspen Pumps Group') offer only the best in condensate drain pumps and rooftop building services support systems. Working with clients, developers, architects, consultants, engineers and contractors alike to improve the 'built' world around us.

Each region has local staff, technical representatives and distributors who truly understand your HVAC/R needs and are here to assist. With warehouse locations in Chennai, and HQ in New Delhi we are also ready to deliver!



One of the pioneers in condensate removal and with over 26 years of experience, Aspen Pumps is the largest producer of Mini Pumps in the world.

Our pumps are designed to be the quietest in the market and give problem free installation and operation. Built to the latest standards with the new models being easily integrated into BMS (Building Management Systems).

Aspen Pumps condensate drain pumps:

- Fast & simple installation
- Avoid structural alterations & obstacles
- Place AC unit where you want, not where you have to
- Filters to avoid pipe blockages from drawn in dust
- No leaking pipe joints
- Recycle your waste water.

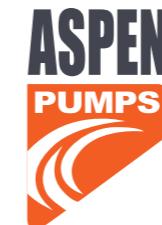


Big Foot Systems – the largest rooftop free-standing frame manufacturer in the world.

Launched in 2001 the challenge was to offer a versatile non-penetrative support system as an alternative to traditional timber, steel and concrete constructions, whilst still protecting the roofs integrity. All products are backed with a 10 year warranty.

Big Foot rooftop building support systems:

- There is less weight on the roof, saving cost on extra structural support
- Free-standing frames are robust, repeatable and without penetratin the rooftop
- Free-standing means total flexibility in positioning the plant and can be easily changed on site
- Systems can be designed by the MEP consultant and be bought by the MEP contractor
- Our free-standing frames can be easily delivered to the roof and built up in situ. Perfect for retro fit and new projects.



CONDENSATE DRAIN PUMPS

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SILENT+

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pump selector

		PRODUCT MODELS (230V)								
		hi-wall	mini blanc	micro-v i ⁴	orange mini pumps		aqua mini pumps			
Feature		Insulated reservoir	Fits below unit	No breather tube	silent+	mini	maxi	silent+	mini	
AIR CONDITIONING		The worlds no. 1			Ultra slim					
Cassette										
Wall mount		✓	✓	✓	✓		✓			
Ducted				✓	✓		✓			
Under ceiling			✓		✓		✓			
Humidifier										
Dehumidifier			✓		✓		✓			
Floor type		✓		✓			✓			
Chassis unit			✓		✓		✓			
DUTY		Max. unit output (kW / Btu/h*)	8.7 / 28,850	16 / 54k	19.5 / 66k	16 / 54k	46 / 157k	16 / 54k		
Max. flow (L/hr)		10	12	14.5	12		35	12		
Max. head (m)		8	10	10	10		15	10		
Suction lift (m)		—	—	2	2		2			
Sound dB(A)		23	21	19	19	21	35	19	21	
Tank capacity (L)		—	—	—	—		—			
MOUNTING		Trunking		✓	✓		✓			
In unit			✓		✓		✓			
Remotely		✓			✓		✓			
Below unit		✓	✓							
Wall										
Floor										

* When high humidity, reduce duties by 20%

		PRODUCT MODELS (230V)							
		silent+ lime	mini tank	hi-flow		heavy duty		Standard	
Feature		Elbow pump	Four ways to install	Proven reliability and performance		Moves large quantities of condensate water		Remote installs	
Cassette					✓				
Wall mount			✓			✓		✓	
Ducted				✓		✓		✓	
Under ceiling				✓		✓		✓	
Humidifier								✓	
Dehumidifier						✓		✓	
Floor type								✓	
Chassis unit								✓	
DUTY		Max. unit output (kW / Btu/h*)	16 / 54k	46 / 157k	384 / 1.3m		1200 / 4m	1460 / 4.9m	2.4 / 29k
Max. flow (L/hr)		12	35	288		900	1070	6.5	
Max. head (m)		10	15	5		6	9	12	
Suction lift (m)		—	2	—		—		3	
Sound dB(A)		21	35	55		60	64	47	
Tank capacity (L)		—	0.24	1	2	4		—	
MOUNTING		Trunking	✓						
In unit			✓						
Remotely								✓	
Below unit			✓	✓		✓		✓	
Wall								✓	
Floor				✓		✓		✓	



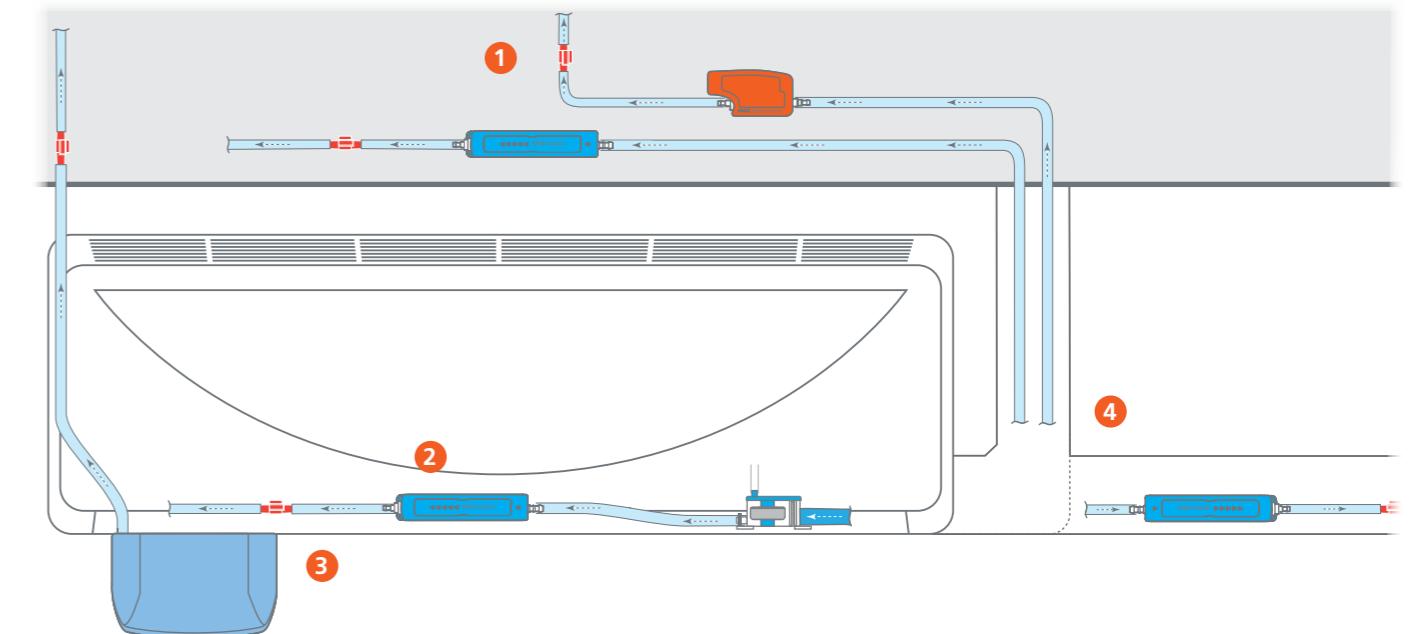
The ultra slim Mini Aqua is designed to fit where other's can't.



Small & powerful
Quiet & reliable
Market leading
Plug & play

mini pumps mini size, maximum power

Since the launch of the best selling Mini Orange, Aspen has become the global leader for mini condensate pumps. Mini pumps operate on a float switch mechanism which detects the presence of water in the drain pan, activating the pump. Aspen offer the most complete and high performance range of mini pumps in the world.



1 In the ceiling 2 In the AC unit 3 Below the AC unit 4 Within the trunking



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reliable | silent | simple



The Hi-wall is discreet and excellent for areas where regular ease of inspection and maintenance is needed.



AIR CONDITIONING



REFRIGERATION



HEATING

AS

hi-wall

CONDENSATE DRAIN PUMP

The Hi-Wall Unit condensate drain pump is a discreet mini pump that can be mounted easily directly below the wall unit.



10L/h max. flow



8m max. rec. head
(flow rate 4L/h)



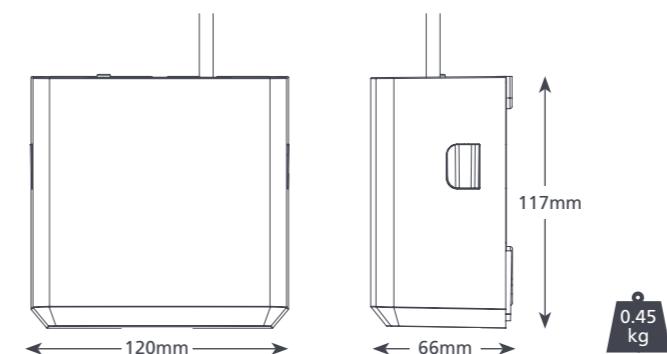
23dB(A)

KEY FEATURES

- Insulated reservoir
- Extra quick to fit
- Fits below wall unit
- Compact & discreet

SUITABILITY

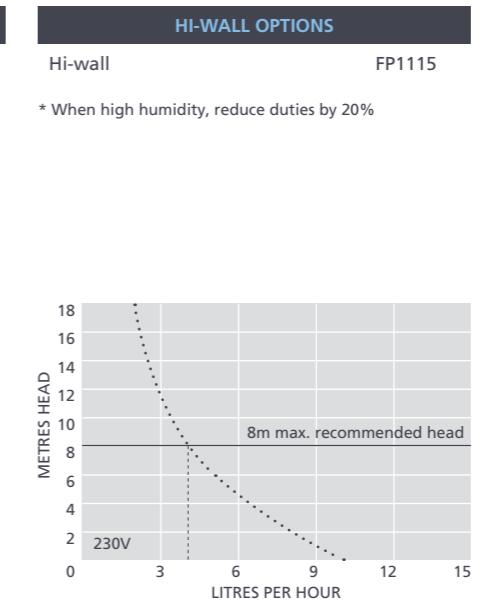
- Up to 8.75kW / 29,850 Btu/h*
- High wall mini split systems
- ✓ **Perfect for...** Domestic use – where easy maintenance is key



HI-WALL SPECIFICATIONS

Max. flow	10L/h @ 0 head	Hi-wall	FP1115
Max. rec. head	8m	* When high humidity, reduce duties by 20%	
Max. suction lift	n/a		
dB(A) @ 1m	23		
Power supply	230 VAC 50-60Hz 16W		
Rated	Non continuous		
Class	II appliance		
Max. unit output	8.75kW / 29,850Btu/h*		
Max. water temp	40°C / 104°F		
Outlet	6mm		
Safety switch	3.0A Normally closed		
Thermal protection	✓		
Fully potted	✓		
Self priming	n/a		

HI-WALL OPTIONS



IN THE BOX

- x1 Pump unit • x3 No.8 x 25mm screws
- x3 Rawl Plugs • x 1 Hose clamp • x 1 Cable tie

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HEATING



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mini blanc®

CONDENSATE REMOVAL PUMP

The 'ultra quick fit' Mini Blanc is designed to be fitted beneath high wall indoor units and offers easy access for future maintenance.



12L/h max. flow

10m max. rec. head
(flow rate 4L/h)

21dB(A)

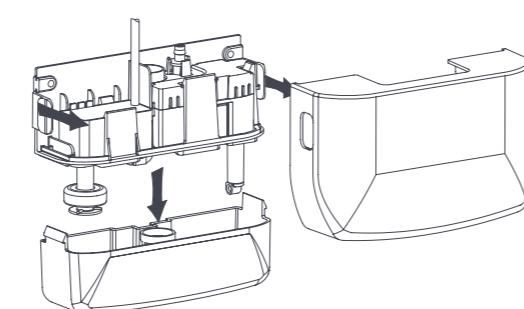
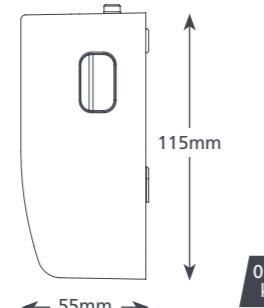
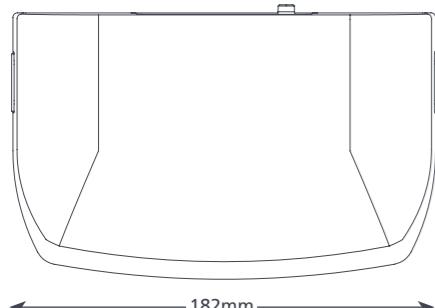
KEY FEATURES

- Extra quick to fit
- Compact & discreet
- Clear removable reservoir
- Ultra quiet operation

SUITABILITY

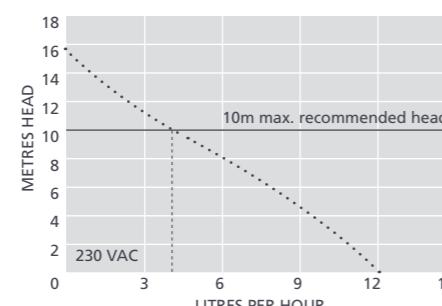
- Up to 16kW / 54,000Btu/h
- High wall mini split systems

✓ **Perfect for...** Domestic use – where easy maintenance is key



MINI BLANC SPECIFICATIONS

Max. flow	12L/h @ 0 head
Max. rec. head	10m
Tank capacity	0.24L
dB(A) @ 1m	21
Power supply	230 VAC, 0.11A, 19W 50/60Hz
Rated	Non continuous
Class	II appliance
Max. unit output	16kW / 54,000Btu/h*
Max. water temp	40°C / 104°F
Inlet/outlet	20mm in, 6mm out
IP Protection	IP21
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	Partially
Self priming	✓



SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Mini Blanc Ivory Cover	FP1037

✗ For more installation accessories take a look at our Aspen Xtra range

MINI BLANC OPTIONS

Mini Blanc FP1080/2

* When high humidity, reduce duties by 20%

IN THE BOX

Mini Blanc pump (including hard wired 1m power cable) • Anti siphon device • Drain connector kit • Fixing kit • Install manual

Download manual at aspenpumps.com
View install video at aspenpumps.com

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AIR CONDITIONING



REFRIGERATION



AS

mini orange®

CONDENSATE DRAIN PUMP

The world's best selling mini pump offers unrivalled reliability and performance.



12L/h max. flow

10m max. rec. head
(flow rate 6L/h)

21dB(A)

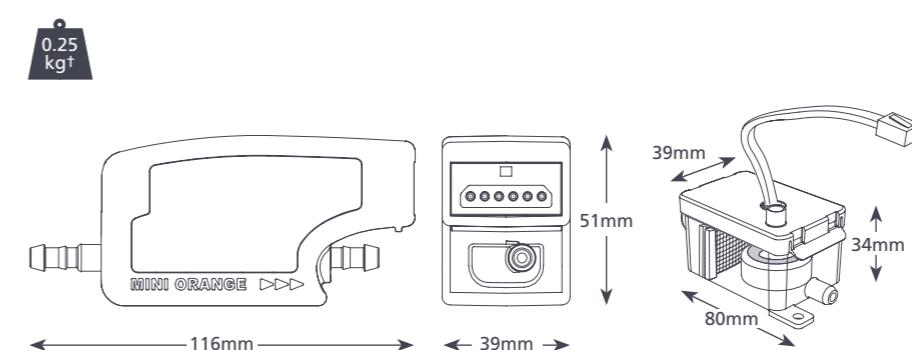
KEY FEATURES

- Submersible secondary reservoir included
- Plug & play
- Anti siphon device

SUITABILITY

- Up to 16kW / 54,000Btu/h*
- High wall split systems; Ducted units; Floor standing & Chassis units

✓ **Perfect for...** Smaller commercial & domestic units



MINI ORANGE SPECIFICATIONS

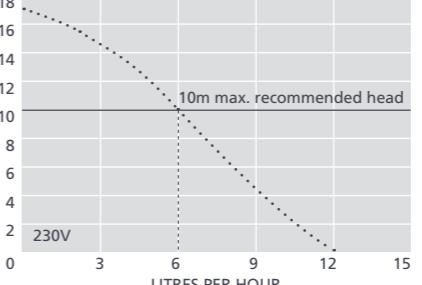
Max. flow	12L/h @ 0 head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	21dB(A)
Power supply	230 VAC, 0.11A, 16W, 50/60Hz
Rated	Non continuous
Class	II appliance
Max. unit output	16kW / 54,000Btu/h*
Max. water temp	40°C / 104°F
Discharge tube	6mm ID
IP Protection	IP21
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓

MINI ORANGE OPTIONS

Mini Orange
† Pump only
* When high humidity, reduce duties by 20%

FP2212/FIL

IN THE BOX	
Mini Orange pump • 1.5m Plug & play power cable • 16mm Inline Filter • Reservoir lid with 1.5m sensor cable • Submersible reservoir • Anti siphon device • Float & filter • 1.5m Suction tube 6mm ID • 220mm Orange inlet hose 14mm ID • 150mm Vinyl breather tube 6mm ID • Drain connector kit • Fixing kit • Install manual	



! Important please install the included inline filter

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AIR CONDITIONING



REFRIGERATION



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maxi orange

CONDENSATE DRAIN PUMP

Need more performance? Designed for larger units, the Maxi Orange pump gives you the extra power when you need it.



35L/h max. flow

15m max. rec. head
(flow rate 10L/h)

35dB(A)

KEY FEATURES

- High power motor
- Superior performance
- Submersible secondary reservoir included

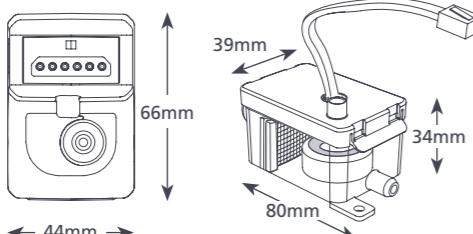
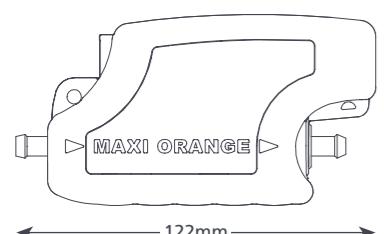
SUITABILITY

- Up to 46kW / 157,000Btu/h*
- High wall split systems; Ducted units; Floor standing & Chassis units

✓ Perfect for... Large commercial units



0.45 kg†



MAXI ORANGE SPECIFICATIONS

Max. flow	35L/h @ 0 head
Max. rec. head	15m
Max. suction lift	2m
dB(A) @ 1m	35
Power supply	230 VAC, 0.11A, 16W, 50/60Hz
Rated	Non continuous
Class	II appliance
Max. unit output	46kW / 157,000Btu/h*
Max. water temp	40°C / 104°F
Discharge tube	6mm ID
IP Protection	IP21
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓

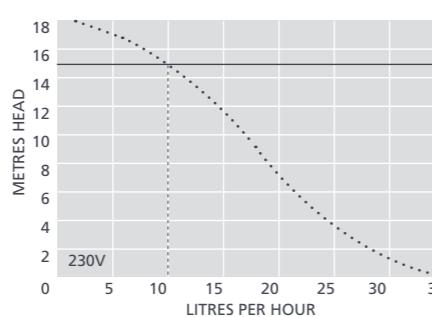
MAXI ORANGE OPTIONS

Maxi Orange	FP2210/FIL
† Pump only	

* When high humidity, reduce duties by 20%

IN THE BOX

- Maxi Orange pump • 1.5m Plug & play power cable • 16mm Inline Filter • Reservoir
- Reservoir lid with 1.5m sensor cable
- Submersible reservoir • Anti siphon device
- Float & filter • 1.5m Suction tube 6mm ID
- 220mm Orange inlet hose 14mm ID • 150mm Vinyl breather tube 6mm ID • Drain connector kit • Fixing kit • Install manual



- ! Important please install the included inline filter
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AIR CONDITIONING



REFRIGERATION



AS

mini aqua®

CONDENSATE DRAIN PUMP

The world's slimmest condensate drain pump is designed to fit where others can't!



12L/h max. flow

10m max. rec. head
(flow rate 6L/h)

21dB(A)

KEY FEATURES

- Ultra slim
- High performance
- Plug & play
- Anti siphon device

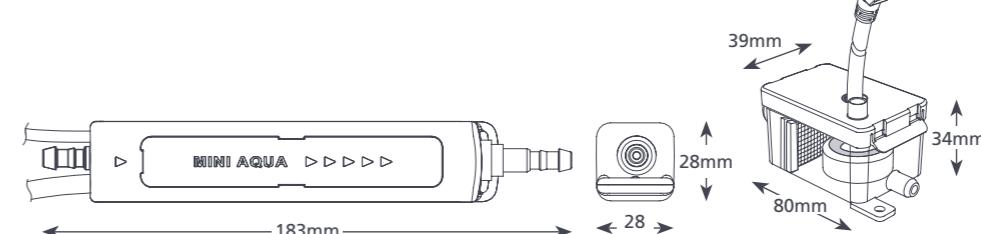
SUITABILITY

- Up to 16kW / 54,000Btu/h*
- High wall mini split systems; Ducted units; Floor standing & Chassis units

✓ Perfect for... installing directly inside the unit



0.18 kg†



MINI AQUA SPECIFICATIONS

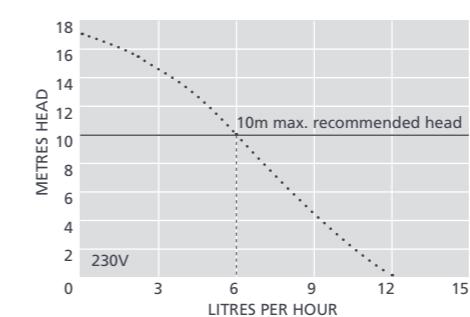
Max. flow	12L/h @ 0 head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	21
Power supply	230 VAC, 0.1A, 16W, 50/60Hz
Rated	Non continuous
Class	II appliance
Max. unit output	16kW / 54,000Btu/h*
Max. water temp	40°C / 104°F
Discharge tube	6mm ID
IP Protection	IP24
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓

MINI AQUA OPTIONS

Mini Aqua	FP2406/2/FIL
† Pump only	

IN THE BOX

- Mini Aqua pump • 1.5m Plug & play power cable • Reservoir (inc. filter, float, lid) • 16mm Inline Filter • 150mm Vinyl breather tube 6mm ID • Anti siphon device • 1.5m Suction breather tube 6mm ID • 220mm Blue inlet hose 14mm ID
- Drain connector kit • Fixing kit
- Install manual



- ! Important please install the included inline filter
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reliable | silent | simple

Whisper quiet
Acoustic damper
Small & powerful
Plug & play

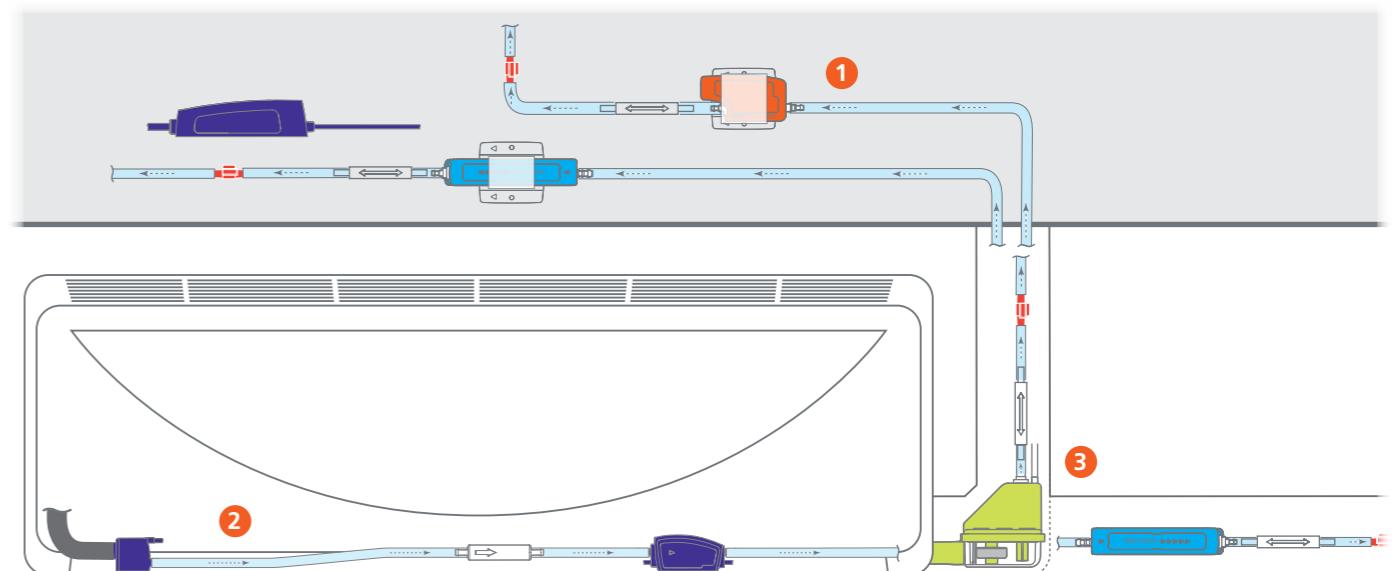


The Micro-v[®] offers peace when quiet is needed.



silent+ low sound, high performance

Today end users are demanding quieter air conditioning pumps in areas such as offices and hotels. Silent+ pumps are perfectly suited for these types of applications. The Silent+ range is designed around a 'total system approach' to ensure they operate as quietly as possible without compromising on performance.



1 In the ceiling (Note: anti vibration bracket)

2 In the AC unit

3 Within the trunking



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reliable | silent | simple



AIR CONDITIONING



REFRIGERATION



HEATING



AS

micro-v ⁱ⁴

CONDENSATE DRAIN PUMP

The logical step in pump evolution – the new Micro-v i⁴ is what you have always wanted from a mini pump.



NEW

14.5L/h max. flow

10m max. rec. head
(flow rate 6L/h)

19dB(A)

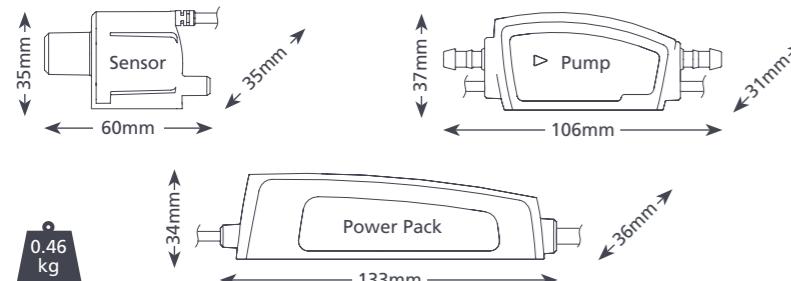
KEY FEATURES

- Continuous rating
- Soft start
- No breather tube
- Plug & Play
- UniVolt

SUITABILITY

- Up to 19.3kW / 66,000Btu/h
- High wall split systems; Ducted units; Floor standing & Chassis units

✓ Perfect for... installing directly inside the unit



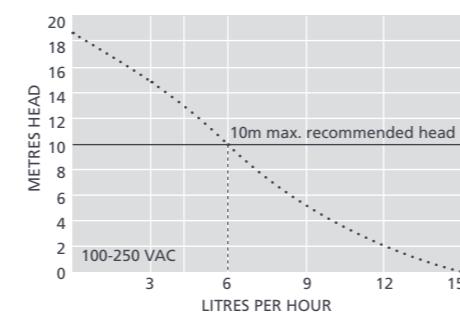
MICRO-V i4 SPECIFICATIONS

Max. flow	14.5L/h @ 0 head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	19
Power supply	100-250 VAC, 0.45A, 50/60Hz
Rated	Continuous
Class	II appliance <input type="checkbox"/>
Max. unit output	19.3kW / 66,000Btu/h*
Max. water temp	40°C / 104°F
Discharge tube	6mm ID
IP Protection	IP24
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓

MICRO-V i4 OPTIONS

Micro-v i4	FP1200
* When high humidity, reduce duties by 20%	
IN THE BOX	

Micro-v i4 pump includes: Water sensor fitted with 850mm interface cable terminated with a plug (removable sensor bracket attached) • Adaptive pump fitted with 1m interface cable and 1m x 6mm violet tube (anti siphon device fitted) • Universal voltage power supply fitted with 200mm plug and play fly lead connected to 1.4m power cable combined power and high water level cores • AV Pump bracket & sleeve • 1 amp fuse • Inline filter • 90° elbow drain connector & fixing kit • Install manual



! Important please install the included inline filter

- Download manual at aspenpumps.com
- View install video at aspenpumps.com

www.aspenpumps.com/microv.html www.aspenpumps.com/i4.html

Information correct at time of going to press.

AS

silent+ MINI ORANGE

CONDENSATE REMOVAL PUMP

The world's no.1 mini pump becomes the quietest in its class! Featuring an acoustic damper, anti vibration tubing & bracket, the Silent+ Mini Orange is whisper quiet.



12L/h max. flow

10m max. rec. head
(flow rate 6L/h)

19dB(A)

KEY FEATURES

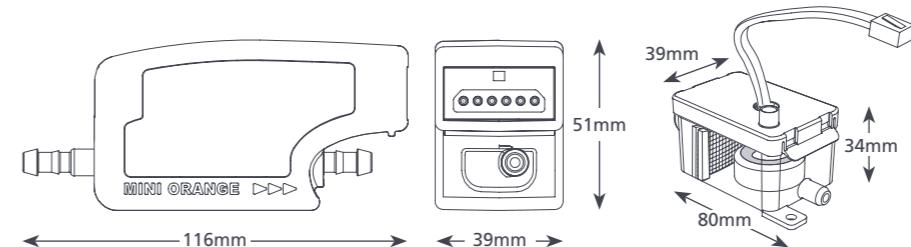
- Quietest in its class
- Submersible secondary reservoir included
- Plug & play

SUITABILITY

- Up to 16kW / 54,000Btu/h
- Ducted units; Floor standing & Chassis units; High wall split systems



0.25 kg†



SILENT+ MINI ORANGE SPECIFICATIONS

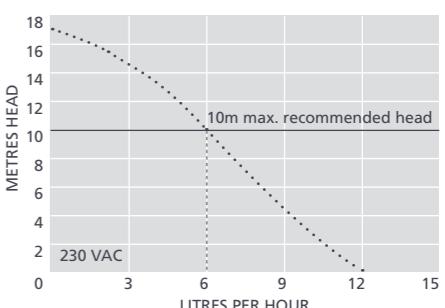
Max. flow	12L/h @ 0 head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	19
Power supply	230 VAC, 0.11A, 16W 50/60Hz
Rated	Non continuous
Class	II appliance <input type="checkbox"/>
Max. unit output	16kW / 54,000Btu/h*
Max. water temp	40°C / 104°F
Discharge tube	6mm ID
IP Protection	IP21
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓

SILENT+ MINI ORANGE OPTIONS

Silent+ Mini Orange	FP3313/FIL
† Pump only	
* When high humidity, reduce duties by 20%	

IN THE BOX

- Silent+ Mini Orange pump • 1.5m Plug & play power cable • 16mm Inline Filter • Acoustic damper and 1m orange discharge tube with connector • Anti vibration bracket • Reservoir • Reservoir lid with 1.5m sensor cable • Submersible reservoir • Anti siphon device • Float & filter • 1.5m Suction tube 6mm ID • 220mm Orange inlet hose 14mm ID • 150mm Vinyl breather tube 6mm ID • Drain connector kit • Fixing kit • Install manual



! Important please install the included inline filter

- Download manual at aspenpumps.com
- View install video at aspenpumps.com

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AS

PUMPS



AIR CONDITIONING



REFRIGERATION



AS

silent+ MINI AQUA

CONDENSATE DRAIN PUMP

Combining Silent+ technology and the slimmest mini pump on the market, the Silent+ Mini Aqua leads the way in innovation.



12L/h max. flow

10m max. rec. head
(flow rate 6L/h)

19dB(A)

KEY FEATURES

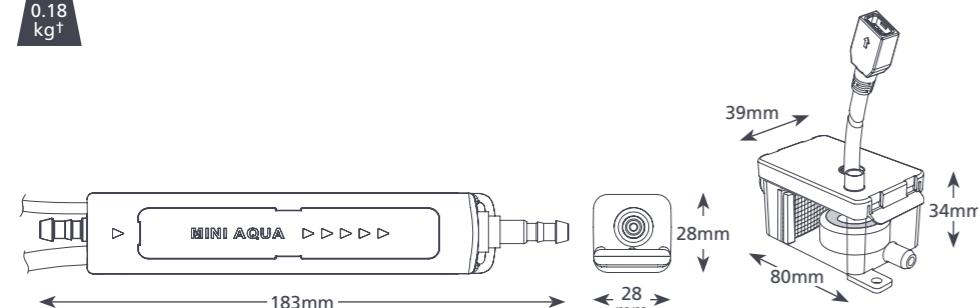
- Quietest in its class
- Acoustic damper
- Plug & play
- Anti siphon device

SUITABILITY

- Up to 16kW / 54,000Btu/h*
- Ducted units; Floor standing & Chassis units; High wall mini split systems
- ✓ **Perfect for...** Small & quiet – you'll never know it's there!



0.18 kg†

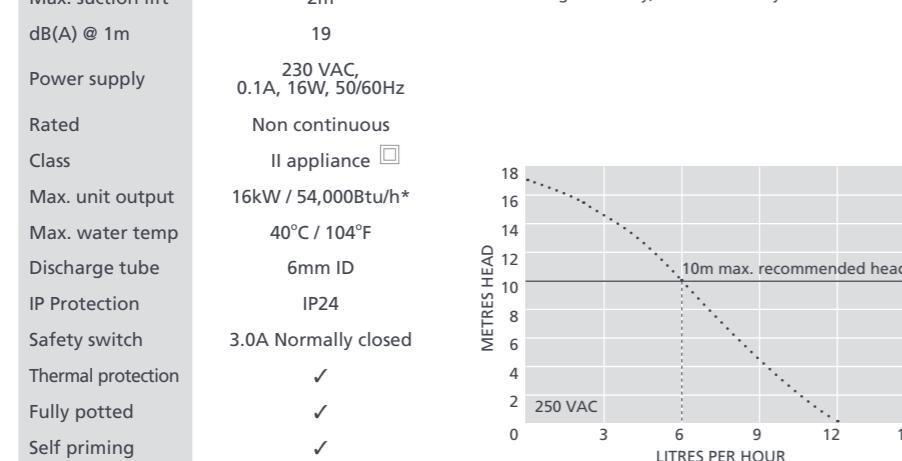


SILENT+ MINI AQUA SPECIFICATIONS

Max. flow	12L/h @ 0 head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	19
Power supply	230 VAC, 0.1A, 16W, 50/60Hz
Rated	Non continuous
Class	II appliance
Max. unit output	16kW / 54,000Btu/h*
Max. water temp	40°C / 104°F
Discharge tube	6mm ID
IP Protection	IP24
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓

SILENT+ MINI AQUA OPTIONS

Silent+ Mini Aqua	FP3326/FIL
† Pump only	



IN THE BOX

- Silent+ Mini Aqua pump • Reservoir (inc. filter, float, lid) • 1.5m Plug & play power cable
- Acoustic damper and 1m aqua discharge tube with connector • 16mm Inline Filter
- Anti vibration bracket • 150mm Vinyl breather tube 6mm ID • Anti siphon device
- 1.5m Suction tube 6mm ID • 220mm Blue inlet hose 14mm ID • Drain connector kit • Fixing kit
- Install manual

! Important please install the included inline filter
[book icon] Download manual at aspenpumps.com
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Information correct at time of going to press.



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AIR CONDITIONING



REFRIGERATION



AS

silent+ MINI LIME

CONDENSATE DRAIN PUMP

The Silent+ Mini Lime is designed around a 'total system approach' and includes many features to create a truly silent system. Perfect for offices and meeting rooms. ('Pump only pack' also available).



12L/h max. flow

10m max. rec. head
(flow rate 6L/h)

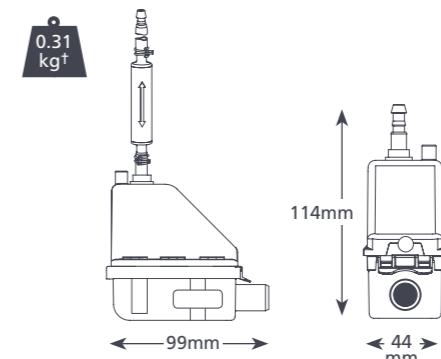
21dB(A)

KEY FEATURES

- Acoustic damper
- Pump sits in trunking elbow
- Left or right install
- Range of trunking systems

SUITABILITY

- Up to 16kW / 54,000Btu/h*
- High wall split systems
- ✓ **Perfect for...** Commercial use where silence is important



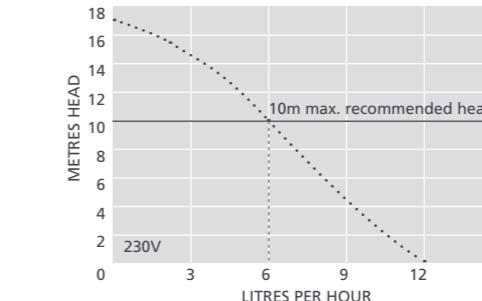
SILENT+ MINI LIME SPECIFICATIONS

Max. flow	12L/h @ 0 head
Max. rec. head	10m
Max. suction lift	n/a
dB(A) @ 1m	21
Power supply	230 VAC, 0.1A, 16W, 50/60Hz
Rated	Non continuous
Class	II appliance
Max. unit output	16kW / 54,000Btu/h*
Max. water temp	40°C / 104°F
Discharge tube	6mm ID
IP Protection	IP24
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓

SILENT+ MINI LIME SYSTEM OPTIONS

System	Slimline	Colour	Part No.
	80mm	White	FP3319/FIL

† Pump only
* When high humidity, reduce duties by 20%



Silent+ Mini Lime pump (including 300mm discharge tube with connector and 1.5m hard wired power cable)
• 16mm Inline Filter
• Acoustic damper and 1m lime discharge tube with connector
• 220mm Lime green inlet hose 14mm ID
• 150mm Vinyl breather tube 6mm ID
• Anti siphon device
• Elbow front and back
• 800mm Conduit front and back
• Internal conduit sleeve
• Gasket Ceiling plate
• Drain connector kit
• Fixing kit
• Install manual

! Important please install the included inline filter
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Information correct at time of going to press.

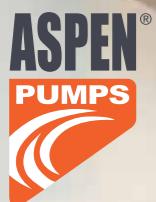


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Make training your first tool

Did you know Aspen offers a full range of training and support? Find out how we can help you make the most of our range and achieve best practice installs.

- Online tutorials / installation videos
- Technical helpline
- Educational marketing support

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Easy maintenance
Time saving
High performance
Industry leading

tank pumps the best just got better

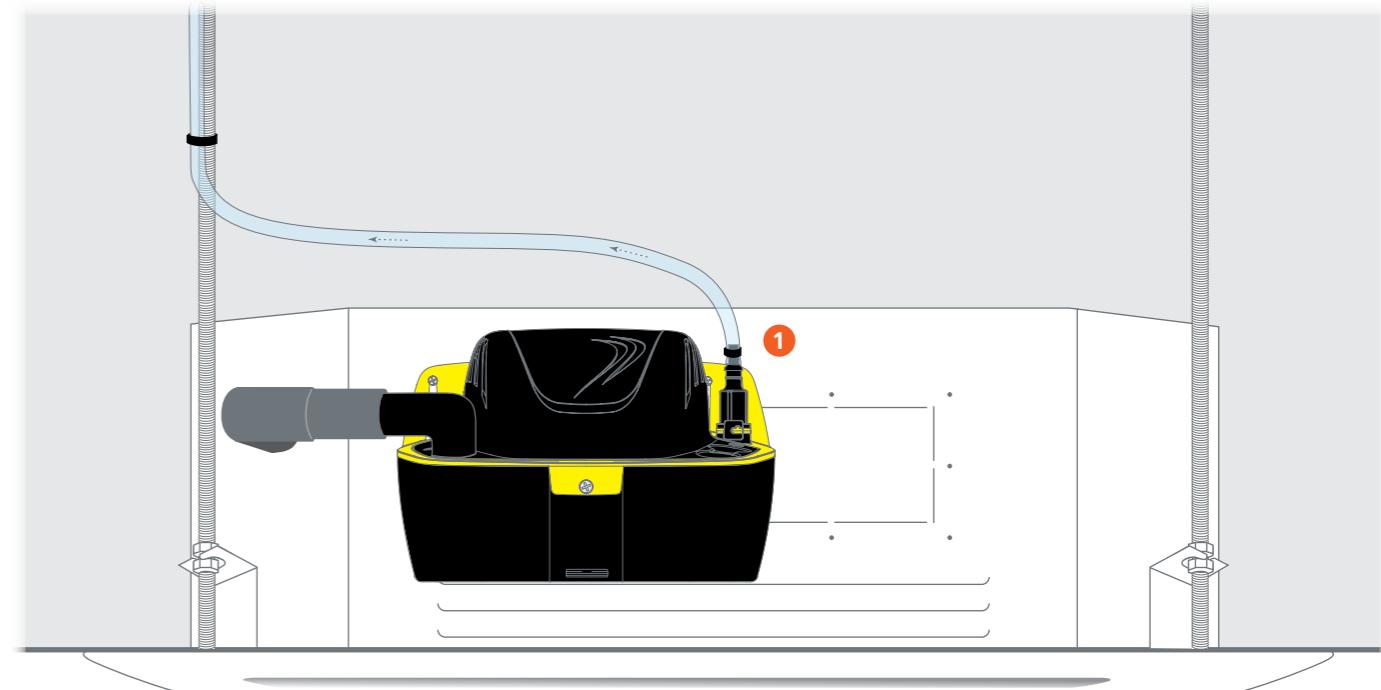
Our tank pump range is designed with you, the installer in mind. Easy to install and maintain, with features including easy clean tank, plug & play, twist & click non return valve and built in spirit level. When time is precious, Aspen tank pumps are installer friendly with unsurpassed performance as standard.



Mini Tank

Hi-flow 1 & 2L

Heavy Duty 6 & 10



1 Hi-flow screw mounted to cassette unit



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The Mini Tank is the perfect fit when there is not enough room to fit a gravity water trap and drain.

mini tank

CONDENSATE DRAIN PUMP

The new and improved Mini Tank pump can be wall mounted, floor mounted, in-pan or suspended on M8 / M10 rod. Using piston technology this is a compact, powerful and multi functional tank pump.



35L/h max. flow



15m max. rec. head
(flow rate 10L/h)

KEY FEATURES

- Four ways to install
- Compact & discreet
- Can be located in drain pan
- Easy maintenance

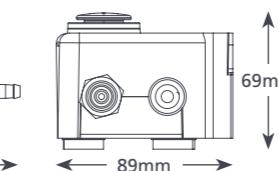
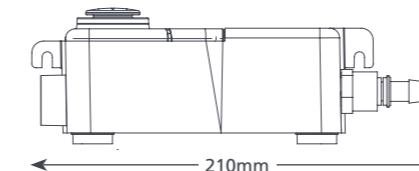
SUITABILITY

- Up to 46kW / 157,000Btu/h*
- Ducted units; Floor standing & chassis units; Cassette units

✓ Perfect for... Installation versatility



0.57 kg



MINI TANK SPECIFICATIONS

Max. flow	35L/h @ 0 head
Max. rec. head	15m
Tank capacity	0.24L
dB(A) @ 1m	35
Power supply	230 VAC, 0.1A, 16W, 50/60Hz
Rated	Non continuous
Class	II appliance
Max. unit output	46kW / 157,000Btu/h*
Max. water temp	40°C / 104°F
Inlets	x2 22mm, 12mm & 27mm
Outlets	6mm & 10mm
IP Protection	IP65
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	n/a

MINI TANK OPTIONS

Mini Tank	FP1056/2
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* When high humidity, reduce duties by 20%

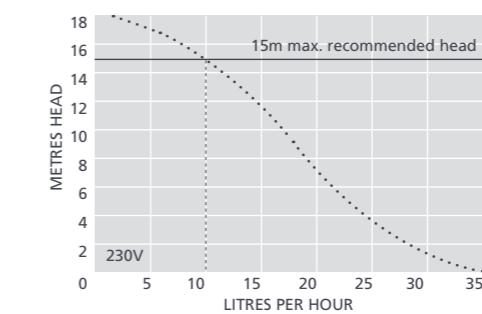
IN THE BOX

Mini Tank pump (including hard wired 1.5m power cable) • x2 Rubber adaptors (21.5mm & 31mm) • Anti siphon device • Fixing kit • Install manual

SUGGESTED XTRA ACCESSORIES

Description	Part No.
Tank pump connector 16mm–21mm	FP2011
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Clear 1/4" (6mm)	AX5200

Xtra For more installation accessories take a look at our Aspen Xtra range



Information correct at time of going to press.



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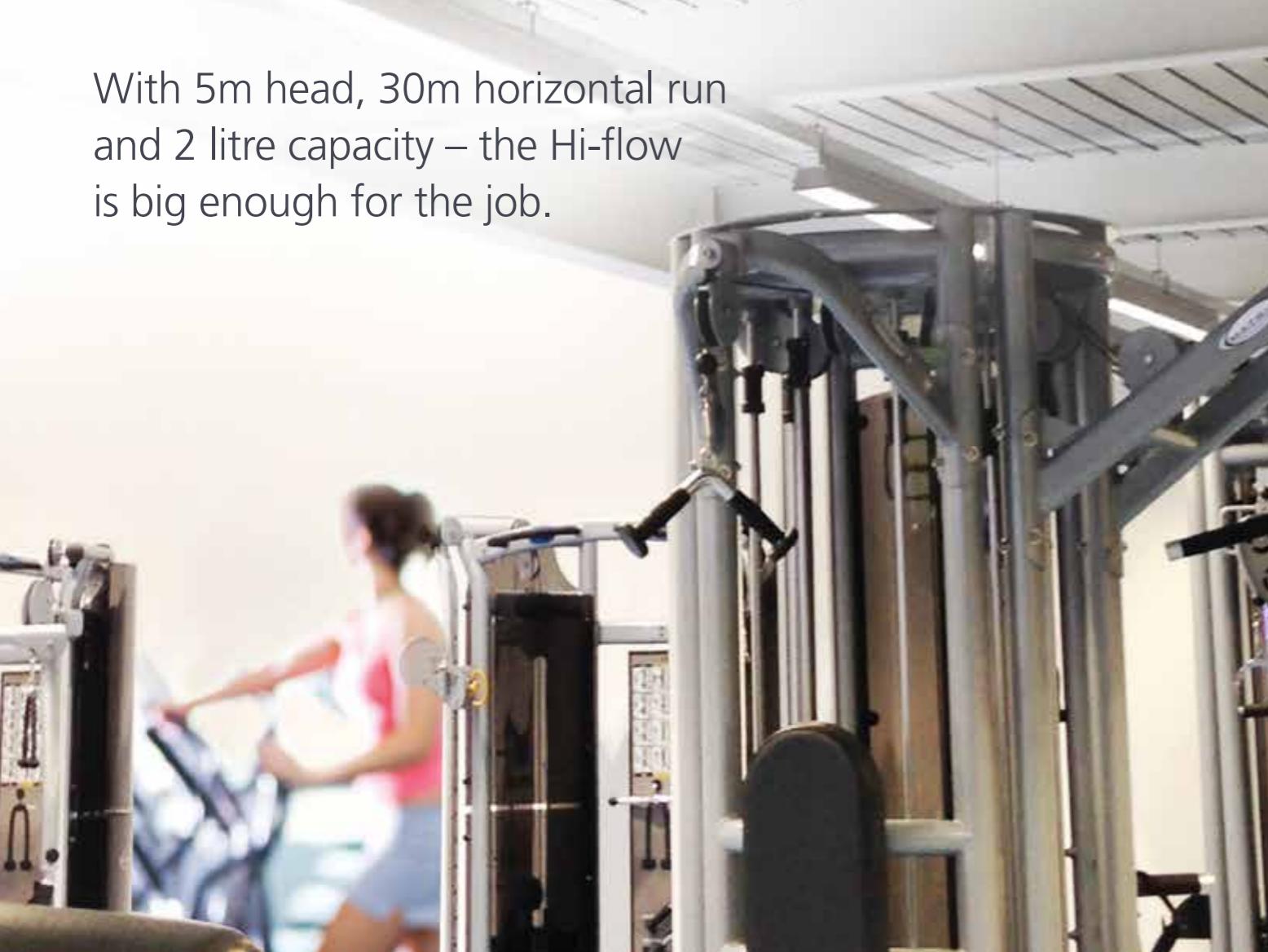
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With 5m head, 30m horizontal run and 2 litre capacity – the Hi-flow is big enough for the job.



AIR CONDITIONING



REFRIGERATION



ASPEN
PUMPS

AS

hi-flow 1L & 2L

CONDENSATE DRAIN PUMP

Proven reliability and performance. The evolution of this world class tank pump means it's more engineer focused and even easier to install and maintain... when time is precious look no further.



288L/h max. flow



5m max. rec. head
(flow rate 10L/h)

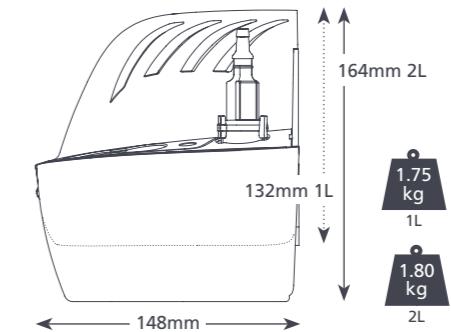
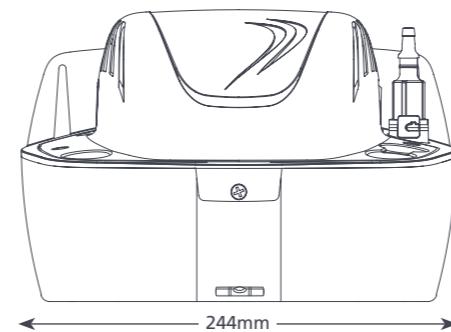
KEY FEATURES

- Easy access tank
- Twist & click non return outlet barb
- Built-in spirit level



SUITABILITY

- Up to 384kW / 1.3m Btu/h*
- Ducted units; Floor standing & Chassis units; Cassette unit



HI-FLOW 1L & 2L SPECIFICATIONS

Max. flow	288L/h @ 0 head
Max. rec. head	5m
Tank capacity	1L & 2L
dB(A) @ 1m	55
Power supply	230 VAC, 0.6A, 50Hz
Rated	Non continuous
Class	I appliance
Max. unit output	384kW / 1.3m Btu/h*
Max. water temp	40°C / 104°F
Inlet/outlet	x3 25mm in, 6-10mm out
IP Protection	IP20
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a

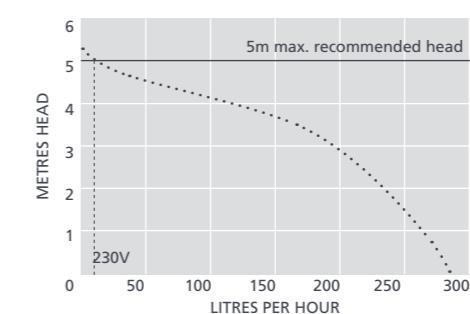
HI-FLOW 1L & 2L OPTIONS

Hi-flow 1L	FP2096/2
Hi-flow 2L	FP2122/2

* When high humidity, reduce duties by 20%

IN THE BOX

Hi-flow 1L or 2L pump
• 2m Plug & play power cable
• Fixing kit
• Install manual



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DESIGNED
2014



2014

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Heavy Duty tank pumps are ideal for temperature critical environments. Keeping equipment & data safe.



AIR CONDITIONING



REFRIGERATION

AS

heavy duty 6 & 10

CONDENSATE DRAIN PUMP

With an impressive flow rate, these robust and reliable Heavy Duty pumps are perfect for the rapid removal of large quantities of condensate water.



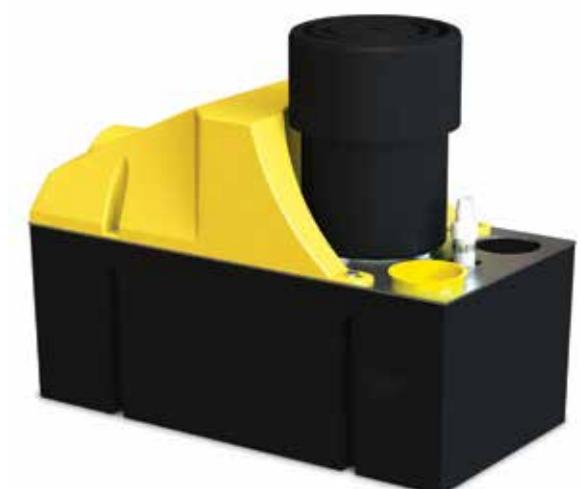
HD6: 900L/h max. flow
HD10: 1070L/h max. flow



HD6: 6m max. rec. head
(flow rate 180L/h)
HD10: 9m max. rec. head
(flow rate 100L/h)

KEY FEATURES

- High flow rate
- Non return valve
- Easy installation
- 4 litre tank capacity

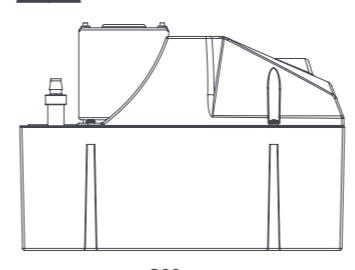


SUITABILITY

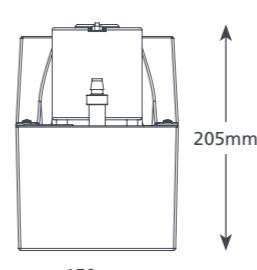
- HD6: Up to 1200kW / 4m Btu/h*
HD10: Up to 1460kW / 4.9m Btu/h*
- Humidifiers; Air handling units (AHUs)



3.5 kg



4.3 kg



HEAVY DUTY 6 & 10 SPECIFICATIONS

Max. flow	HD6: 900L/h, HD10: 1070L/h	Heavy Duty 6	FP2074/2
Max. rec. head	HD6: 6m, HD10: 9m	Heavy Duty 10	FP2066/2
Tank capacity	4L	* When high humidity, reduce duties by 20%	
dB(A) @ 1m	HD6: 60, HD10: 64		
Power supply	HD6: 230 VAC, 1.5A, 50Hz HD10: 230 VAC, 0.38A, 50Hz		
Rated	HD6: Non continuous HD10: Continuous		
Class	I appliance		
Max. unit output	HD6: 1200kW / 4m Btu/h* HD10: 1460kW / 4.9m Btu/h*		
Max. water temp	40°C / 104°F		
Inlet/outlet	x2 40mm in, 10mm out		
IP Protection	IP20		
Safety switch	3.0A Normally closed		

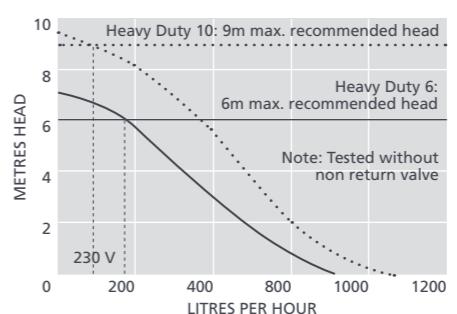
HEAVY DUTY 6 & 10 OPTIONS

Heavy Duty 6
Heavy Duty 10

FP2066/2
FP2074/2

IN THE BOX

- Heavy Duty 6 or 10 pump • 2m power cable
- Install manual



Download manual at aspenpumps.com

Information correct at time of going to press.



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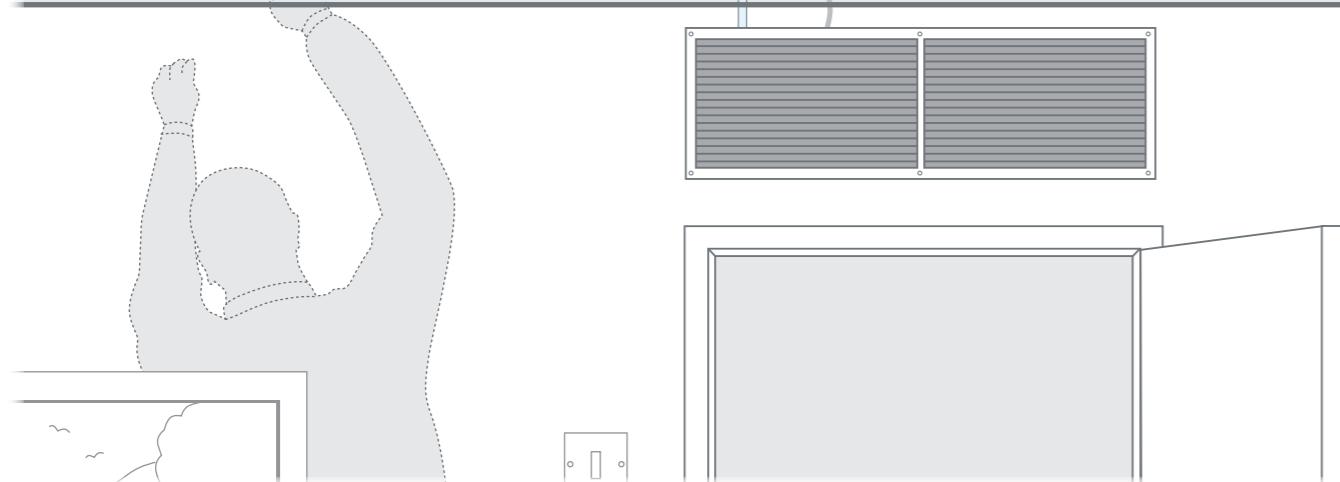
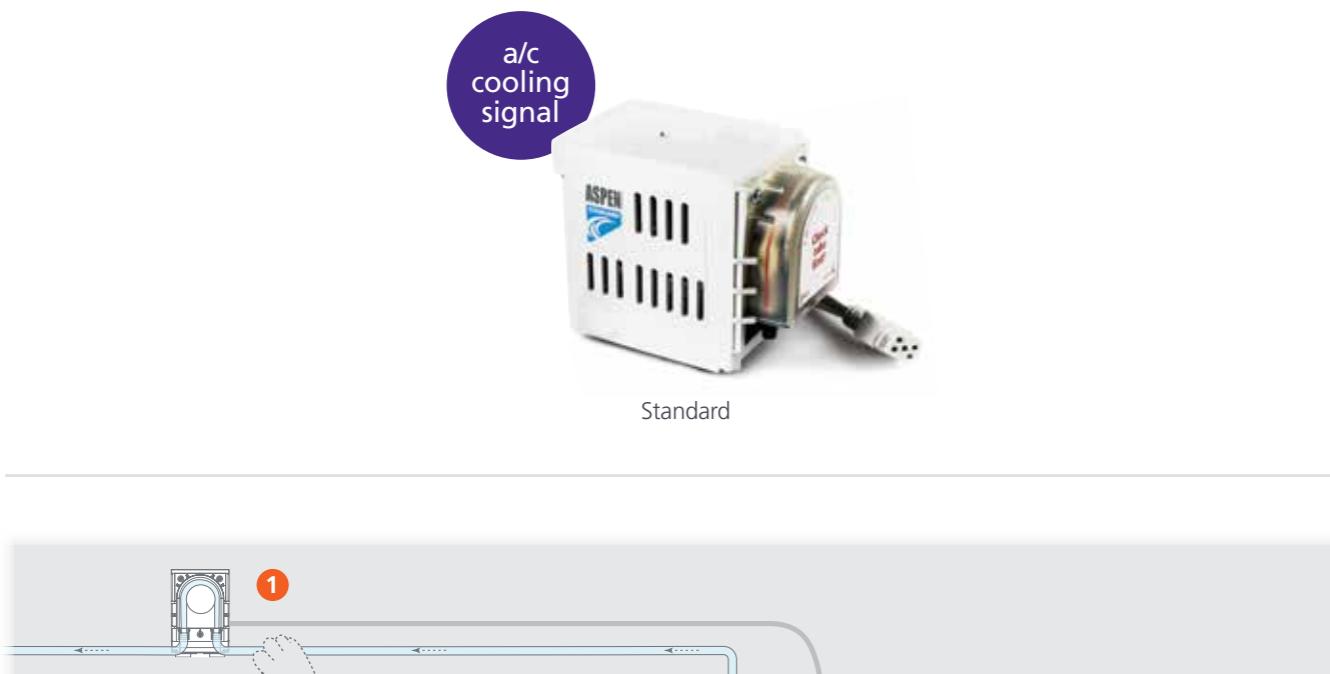
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peristaltic pumps moving forward

Our peristaltic pump range is the 'best of the best'. Offering unrivalled remote install possibilities, they can be placed as far away from the AC unit without affecting performance. Perfect for spaces which require unobtrusive maintenance access (eg hotels, hospitals). Handling dirty water and with the added benefit they can run dry, our peristaltic pump range is ideal for commercial remote applications.



1 Remote access with minimal disturbance. Pump placed remotely from AC unit eg. above ceiling in hallway of hotel

- Remote install
- Ultra reliable
- Constant flow rate
- Can run dry



AIR CONDITIONING



REFRIGERATION

AS

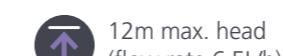
standard

CONDENSATE DRAIN PUMP

Operated by an air conditioning cooling signal, the Standard peristaltic sets the standard for reliability. The remote install options means minimum future maintenance disruption.



6.5L/h max. flow



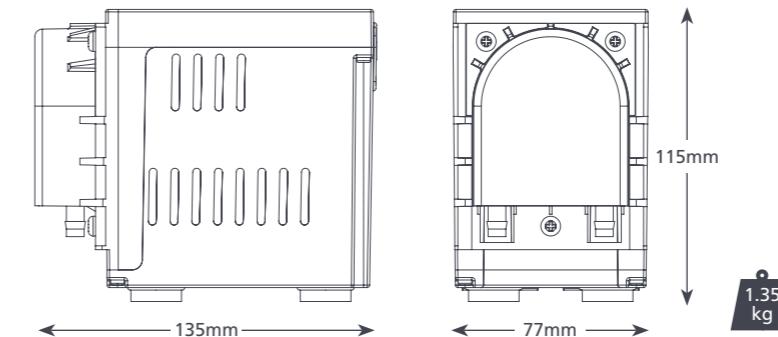
12m max. head
(flow rate 6.5L/h)

KEY FEATURES

- AC cooling signal operated
- Remote install possible
- Pumps contaminated water
- Can run dry

SUITABILITY

- Up to 8.5kW / 29,000Btu/h*
- High wall split systems; Ducted units; Floor standing & Chassis units



STANDARD SPECIFICATIONS

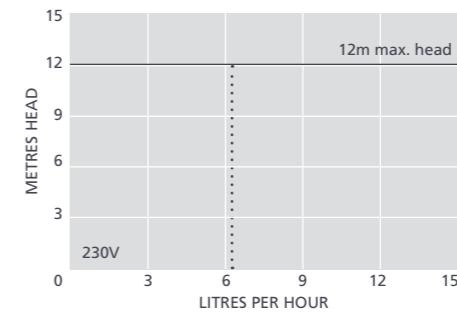
Max. flow	6.5L/h @ 12m head
Max. head	12m
Max. suction lift	3m
dB(A) @ 1m	47
Power supply	230 VAC, 0.2A, 50-60Hz
Rated	Continuously
Class	I appliance
Max. unit output	8.5kW / 29,000Btu/h*
Max. water temp	40°C / 104°F
Inlet/outlet	6mm ID
IP Protection	IP21
Safety switch	n/a
Thermal protection	✓
Fully potted	n/a
Self priming	✓

STANDARD OPTIONS

Standard	FP2081/2
----------	----------

* When high humidity, reduce duties by 20%

IN THE BOX		
Standard pump • 2m Plug & play power cable • Wall mounted bracket • Fixing kit • Install manual		



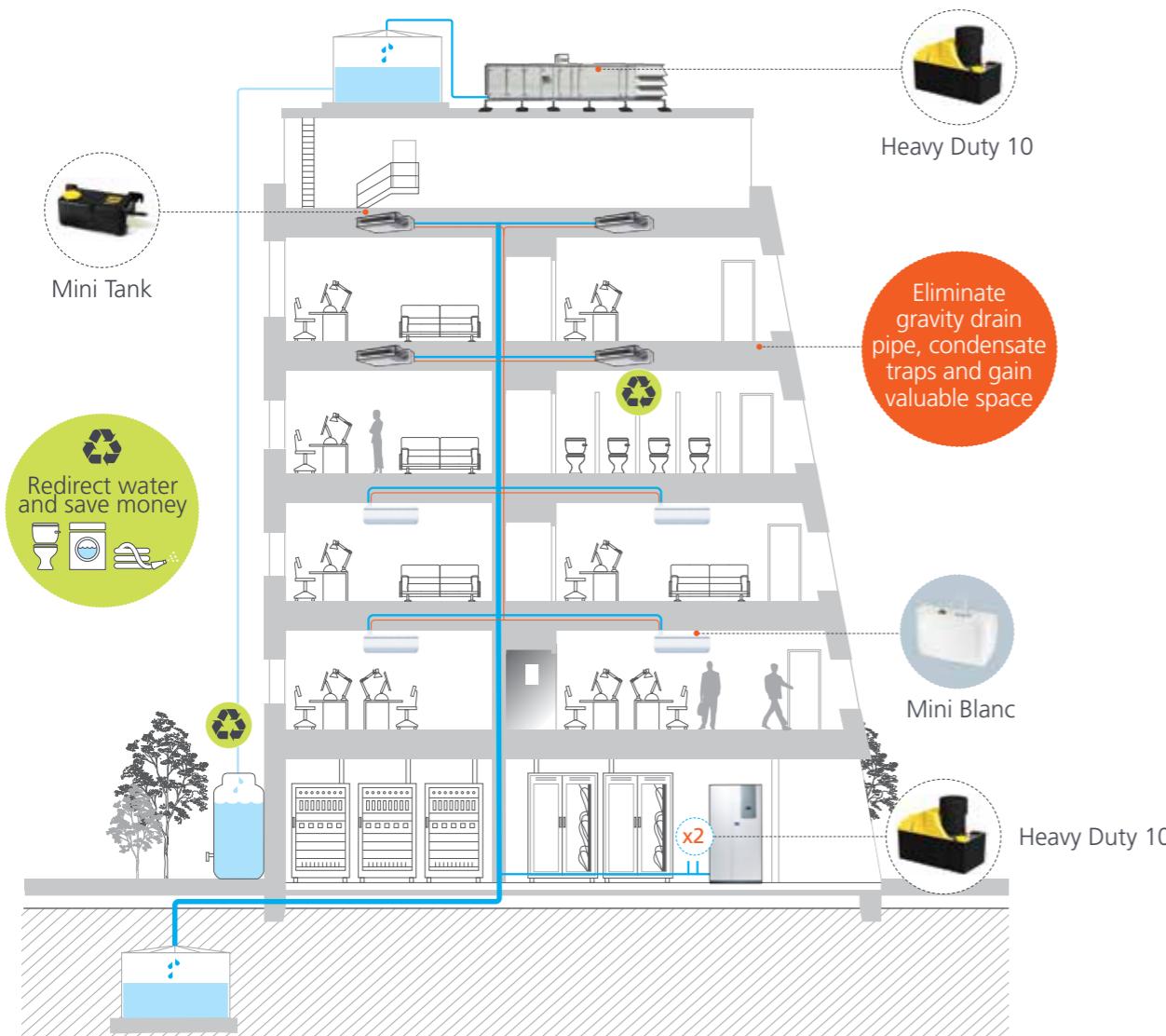
Information correct at time of going to press.

Download manual at aspenpumps.com

View install video at aspenpumps.com

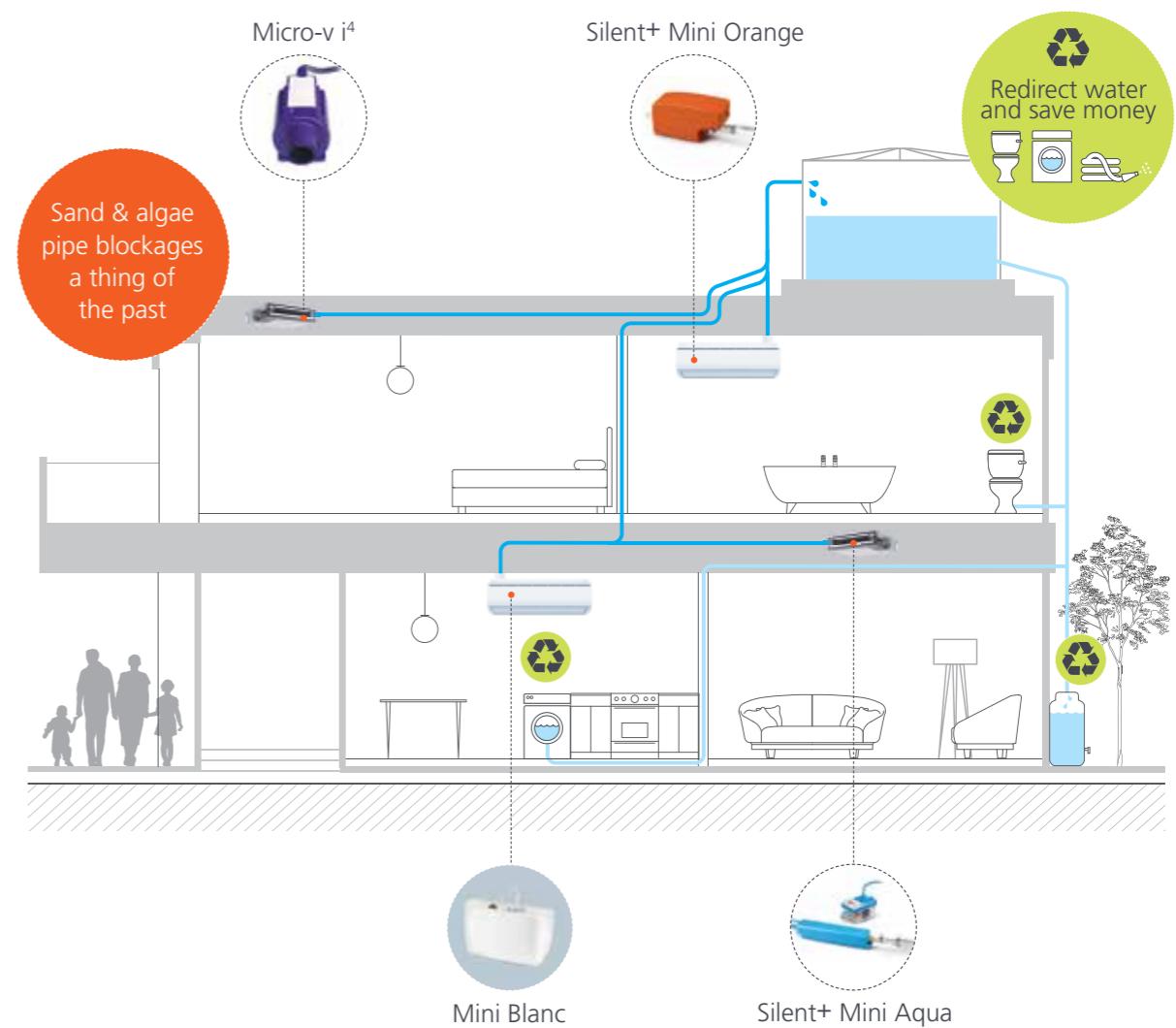
space saving

Plan Aspen Pumps into your build and save time, money & water. With ceiling voids are reduced by 150mm with an Aspen Pump – saving on average 1 extra floor for every 20 built.



sshh... we do not disturb

Discreet, quiet and efficient – the beauty of using Aspen Pumps in your home



BIG FOOT SYSTEMS

Rooftop building services support systems

Big Foot Systems offers you the most comprehensive range of non-penetrative rooftop building services support products...

ANCILLARIES

For service containment such as cable ladder/tray, pipework and ductwork.



AIR CONDITIONING

A choice of solutions compatible with all leading Mini Split and VRF/VRV manufacturers.



AIR HANDLERS

To support Air Handling Units of any size with minimal on-site assembly and easy positioning.



CHILLERS

Robust and safe solutions for managing the load of large and heavy plant such as chillers.



CUSTOM

For more complex applications, with the aid of our highly skilled engineering team, we can design and manufacture complete one-off solutions.



LOUVRE

Screening of rooftop plant and services for aesthetics or weather protection.



SAFE ACCESS

Creating a secure access route for service engineers and other personnel.



THE RANGE:

- Fix-it Foot
- Multi Foot
- H Frame Set

THE RANGE:

- Mini Split Kits
- Lock 'n' Load
- Stand Range
- Multi Frame
- Standard Frames
- Bespoke Frames

THE RANGE:

- Standard Frames
- Bespoke Frames
- HD Beams

THE RANGE:

- Bespoke Frames
- HD Beams
- HD Cubes

THE RANGE:

- Custom Frames
- Custom Access

THE RANGE:

- HD Beams
- Louvre System

THE RANGE:

- Step Overs
- Rapid Walkway
- Plant Deck Frame

Information correct at time of going to press.

AC UNIT SUPPORT RANGE

Our range provides a quick to install, non-penetrative solution to suit all leading AC manufacturers units.

Our standard product range is available next day from stock. With an ever increasing number of AC manufacturers, our Bespoke Frames are dimensionally configurable at design stage and utilise standard componentry.



Find the Big Foot Systems product - best suited for the Air Conditioning units you wish to support - using this simple selector...



Mini Split Kit

Pages 36



Lock 'n' Load

Pages 37



Mini Split Stand Range

Page 38



VRF/VRV Stand Range

Page 39



Multi Frame

Page 40



Standard Frames

Page 41



Bespoke Frames

Page 42

	1-2 No. A/C Split units	3-4 No. A/C Split units	5-6 No. A/C Split units	7+ A/C Split units	1 No. VRF/VRV unit*	2 No. VRF/VRV units*	3 No. VRF/VRV units*	4 + VRF/VRV units*
✓	✓							
	✓							
	✓							
	✓							
					✓	✓	✓	✓
					✓	✓	✓	✓
					✓	✓	✓	✓
					✓	✓	✓	✓

* Based on typical carcase size of 990mm x 760mm (39" x 29 1/2")

Information correct at time of going to press.

Information correct at time of going to press.

Mini Split Kit

The Mini Split Kit is a simple and neat solution. With channel recessed into the rubber foot, it allows for easy fixing and also offers built-in anti-vibration



MINI SPLIT KIT

Description	Part no.	Length		Width		Height		Weight		Max. Load	
		mm	Inches	mm	Inches	mm	Inches	Kg	Lbs	Kg	Lbs
600mm (24")	B9284	600	23 5/8	180	7 1/8	95	3 3/4	11	12.1	448	494
1000mm (40")	B9530	1000	39 3/8	180	7 1/8	95	3 3/4	19	20.9	590	650

KIT INCLUDES

Rubber Foot	× 2
Fixing kit	× 2

Information correct at time of going to press.



Lock 'n' Load

With its unique design, the Lock 'n' Load combines a steel frame and reinforced plastic connectors, offering flexibility and a quick installation - in one box!



LOCK 'N' LOAD FRAME

Description	Part no.	Length mm Inches	Width mm Inches	Height mm Inches	Weight Kg Lbs	Max. Load Kg Lbs					
Low Frame	B5623	1096	43 3/16	767	30 3/16	305	12	9.9	22	150	331
Medium Frame	B5625	1096	43 3/16	767	30 3/16	450	18	13.5	30	150	331
High Frame	B5627	1096	43 3/16	767	30 3/16	600	24	14.4	32	150	331
Low Extender	B5624	1096	43 3/16	820	32 5/16	305	12	7.5	17	150	331
Medium Extender	B5626	1096	43 3/16	820	32 5/16	450	18	11	24	150	331
High Extender	B5628	1096	43 3/16	820	32 5/16	600	24	11.5	25	150	331
Tower	B5629	1096	43 3/16	767	30 3/16	305 & 1426	12 & 56	26.2	58	150 & 150	331 & 331

FEATURES

- 200mm (8") Feet
- 3 heights available with optional Extender Kits
- Fast assembly
- Fully adjustable cross bars
- Support individual or multiple mini split units
- Galvanized steel frame with reinforced plastic connectors
- Anti-vibration mounts



KIT INCLUDES

Description	Frame	Ext.	Tower
200mm (8") Foot & insert	× 4	× 2	× 4
End bar assembly	× 2	× 1	× 2
Cross bar assembly	× 2	× 2	× 4
Assembly fixing kit	× 2	× 2	× 4
Mounting fixing kit (2 pack)	× 2	× 2	× 4

Information correct at time of going to press.

Mini Split Stand Range

The Mini Split Stand Range is available in a variety of frame sizes to suit a single unit or, with the addition of extender kits, you can support multiple mini splits



MINI SPLIT STAND RANGE

Description	Part no.	Length		Width		Height		Weight		Max. Load	
		mm	Inches	mm	Inches	mm	Inches	Kg	Lbs	Kg	Lbs
Low	B5550	475	18 1/8	419 - 619	16 1/2 - 24 3/8	305	12	20	44	175	385
High	B5551	475	18 1/8	419 - 619	16 1/2 - 24 3/8	450	17 1/8	22	49	175	385
Tower	B5552	475	18 1/8	419 - 619	16 1/2 - 24 3/8	305 & 1000	12 & 39 3/8	35	77	300	661
Low Extender	B5553	950	37 3/8	419 - 619	16 1/2 - 24 3/8	305	12	18	40	175	385
High Extender	B5554	950	37 3/8	419 - 619	16 1/2 - 24 3/8	450	17 1/8	19	42	175	385
Riser (4 Pack)	B5555	-	-	-	-	152	6	1.5	3	-	-
Riser (2 Pack)	B5562	-	-	-	-	152	6	0.75	2	-	-

KIT INCLUDES

Description	Frame	Ext.	Tower
200mm (8") Foot & insert	× 4	× 2	× 4
End bar	× 2	× 1	× 2
Cross bar	× 2	× 2	× 4
Fixing kit	× 4	× 4	× 8

VRF/VRV Stand Range

The Stand Range is a versatile ground mount frame system, and with the optional Extender Kits, it is compatible with all leading VRF/VRV units



VRF/ VRV STAND RANGE

Description	Part no.	Length		Width		Height		Weight		Max. Load	
		mm	Inches	mm	Inches	mm	Inches	Kg	Lbs	Kg	Lbs
990 (38") Frame	B5556	990	32 5/8	620 - 780	24 3/8 - 30 1/8	305	12	35	77	600	1323
1290 (51") Frame	B5557	1290	44 1/2	620 - 780	24 3/8 - 30 1/8	305	12	38	84	500	1102
1450 (57") Frame	B5558	1450	50 3/8	620 - 780	24 3/8 - 30 1/8	305	12	41	90	400	882
990 (38") Extender	B5559	990	32 5/8	620 - 780	24 3/8 - 30 1/8	305	12	25	55	600	1323
1290 (51") Extender	B5560	1290	44 1/2	620 - 780	24 3/8 - 30 1/8	305	12	28	62	500	1102
1450 (57") Extender	B5561	1450	50 3/8	620 - 780	24 3/8 - 30 1/8	305	12	31	68	400	882

KIT INCLUDES

Description	Frame	Ext.
200mm (8") Foot & insert	× 4	× 2
End bar	× 2	× 1
Cross bar	× 2	× 2
Fixing kit	× 4	× 4

Information correct at time of going to press.

Information correct at time of going to press.

Multi Frame

The Multi Frame has the ability to extend from any side using the Extension Kit, giving you the flexibility to create the frame configuration to suit your install



MULTI FRAME & EXTENSION

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Height mm	Height Inches	Weight Kg	Weight Lbs	Max. Load Kg	Max. Load Lbs
Multi Frame	B9720	1000	39 5/8	1200	47 1/4	335 - 440	13 5/8 - 17 5/8	36	79	500	1102
Extension Kit	B9721	1000	39 5/8	1200	47 1/4	335 - 440	13 5/8 - 17 5/8	26	57	500	1102

KIT INCLUDES

Description	Frame	Ext.
305mm (12") Foot & insert	× 4	× 2
1m (40") End bar	× 2	× 2
1.2m (48") Cross bar	× 2	× 2
Unit clamp kit (4 pack)	× 2	× 2
Connector	-	× 2

Standard Frames

The Standard Frames are available in 1m (40"), 2m (80") and 3m (120") arrangements, to suit mini splits, VRF/VRV or a combination of both



STANDARD FRAMES

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Height mm	Height Inches	Weight Kg	Weight Lbs	Max. Load Kg	Max. Load Lbs
1m x 1.2m (40" x 48")	B6075	1000	39 5/8	1200	47 1/4	290 - 400	11 5/8 - 15 3/4	39	86	500	1102
2m x 1.2m (80" x 48")	B6077	2000	78 3/4	1200	47 1/4	290 - 400	11 5/8 - 15 3/4	67	148	1000	2205
3m x 1.2m (120" x 48")	B6078	3000	118 1/8	1200	47 1/4	290 - 400	11 5/8 - 15 3/4	97	214	1500	3307
1m x 1.5m (40" x 60")	B9442	1000	39 5/8	1500	59 1/8	290 - 400	11 5/8 - 15 3/4	42	93	400	882
2m x 1.5m (80" x 60")	B9443	2000	78 3/4	1500	59 1/8	290 - 400	11 5/8 - 15 3/4	72	159	800	1764
3m x 1.5m (120" x 60")	B9444	3000	118 1/8	1500	59 1/8	290 - 400	11 5/8 - 15 3/4	103	227	1200	2646

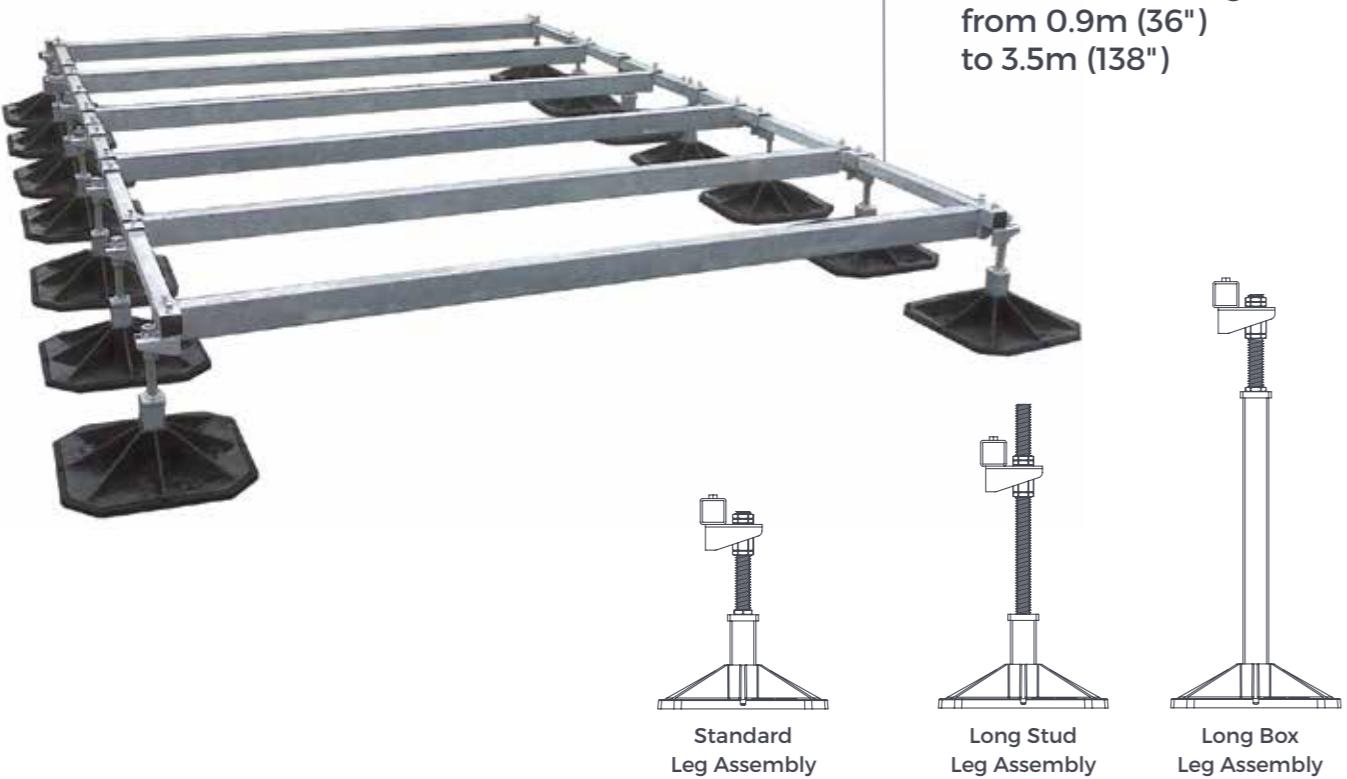
FEATURES

- Adjustable leg assemblies
- 3 lengths available
- 1.2m (48") or 1.5m (60") cross bars
- Simple to assemble
- Supplied boxed with clamp kits



Bespoke Frames

Bespoke Frames are kitted from standard componentry, offering a solution where our Standard Frames may not be suitable in meeting specific needs



CROSS BAR OPTIONS

Section		Range of Sizes	
mm	Inches	mm	Inches
40 x 40	1 1/16 x 1 1/16	900 - 1500	36 - 60
50 x 50	2 x 2	1500 - 2100	60 - 83
100 x 50	4 x 2	1600 - 3500	66 - 138

LEG ASSEMBLY OPTIONS

Description	Height Adjustment	
	mm	Inches
Standard Leg Assembly	290 - 400	11 7/16 - 15 3/4
Long Stud Leg Assembly	290 - 610	11 7/16 - 24
Long Box Leg Assembly	730 - 825	28 3/4 - 32 1/2

Information correct at time of going to press.



Rooftop Building Services Support Systems



On a building near you...



We have local sales and technical support operating in your area. To find out more about the Big Foot Systems product range and the services we offer, contact our experienced team today!

www.bigfootsupport.com

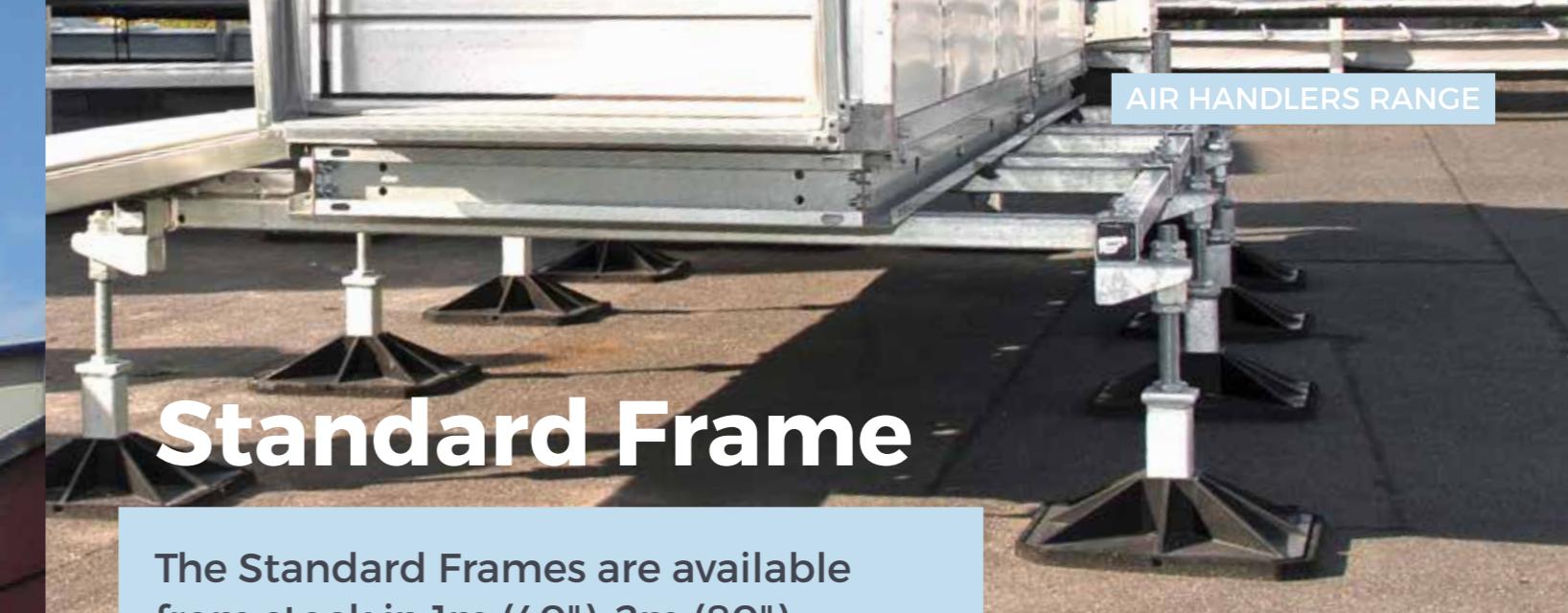
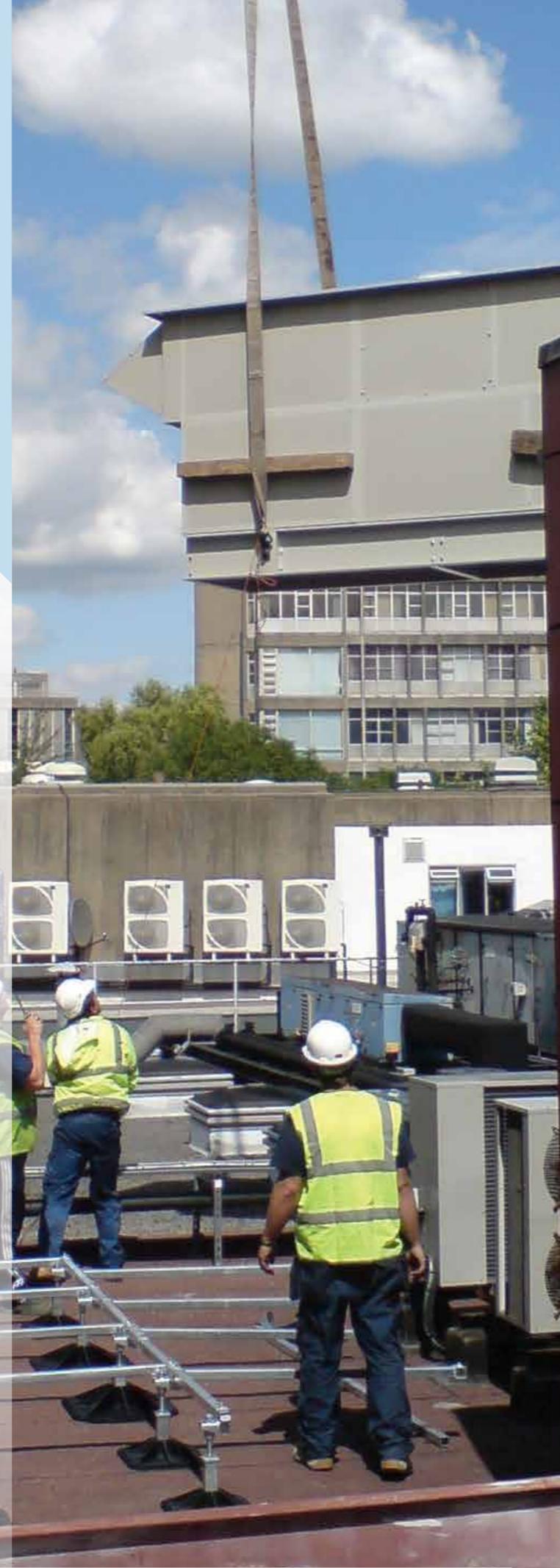
+44 (0)1323 844 355

sales@bigfootsupport.com

AHU SUPPORT RANGE

Our packaged standardised approach is delivered to site, with the systems requiring minimal on-site assembly and, without the need to penetrate the roof, are easily positioned.

Where the install requires, we also offer a bespoke solution which is dimensionally configurable at design stage, in footprint and height.


AIR HANDLERS RANGE

Standard Frame

The Standard Frames are available from stock in 1m (40"), 2m (80") and 3m (120") arrangements, for the support of small Air Handlers



STANDARD FRAMES

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Height mm	Height Inches	Weight Kg	Weight Lbs	Max. Load Kg	Max. Load Lbs
1m x 1.2m (40" x 48")	B6075	1000	39 5/8	1200	47 1/4	290 - 400	11 7/16 - 15 3/4	39	86	500	1102
2m x 1.2m (80" x 48")	B6077	2000	78 3/4	1200	47 1/4	290 - 400	11 7/16 - 15 3/4	67	148	1000	2205
3m x 1.2m (120" x 48")	B6078	3000	118 1/8	1200	47 1/4	290 - 400	11 7/16 - 15 3/4	97	214	1500	3307
1m x 1.5m (40" x 60")	B9442	1000	39 5/8	1500	59 1/8	290 - 400	11 7/16 - 15 3/4	42	93	400	882
2m x 1.5m (80" x 60")	B9443	2000	78 3/4	1500	59 1/8	290 - 400	11 7/16 - 15 3/4	72	159	800	1764
3m x 1.5m (120" x 60")	B9444	3000	118 1/8	1500	59 1/8	290 - 400	11 7/16 - 15 3/4	103	227	1200	2646

FEATURES

- Adjustable leg assemblies
- 3 lengths available
- 1.2m (48") or 1.5m (60") cross bars
- Simple to assemble
- Supplied boxed with clamp kits

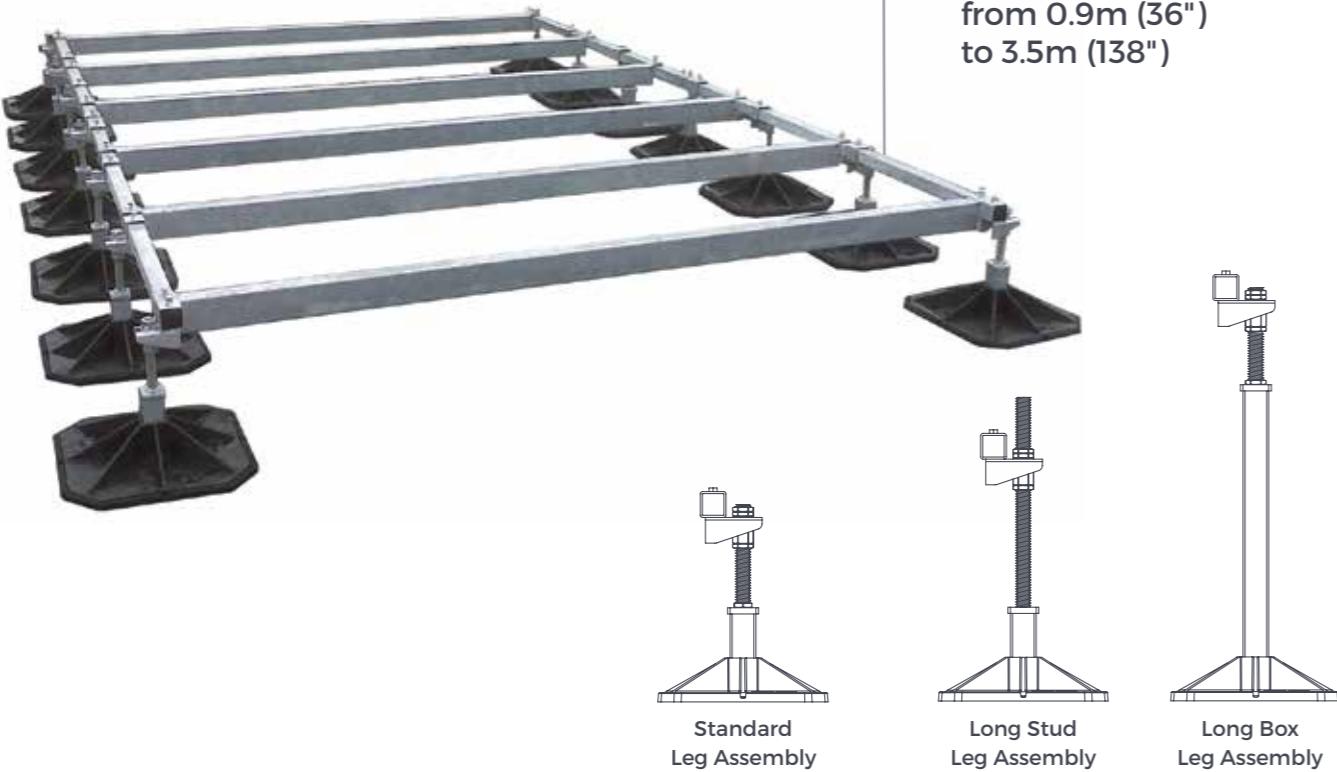


KIT INCLUDES

40mm x 40mm (1 1/16" x 1 1/16") box section end bars
Cross bars
305mm (12") Leg assemblies
Clamp kits
Assembly instructions

Bespoke Frames

Bespoke Frames are configured in footprint and height, from our standard componentry, offering a free-standing solution to suit your specific project needs



CROSS BAR OPTIONS

Section		Range of Sizes	
mm	Inches	mm	Inches
40 x 40	1 1/16 x 1 1/16	900 - 1500	36 - 60
50 x 50	2 x 2	1500 - 2100	60 - 83
100 x 50	4 x 2	1600 - 3500	66 - 138

LEG ASSEMBLY OPTIONS

Description	Height Adjustment	
	mm	Inches
Standard Leg Assembly	290 - 400	11 1/16 - 15 3/4
Long Stud Leg Assembly	290 - 610	11 1/16 - 24
Long Box Leg Assembly	730 - 825	28 3/4 - 32 1/2

Information correct at time of going to press.



HD Beams

The HD Beam enables the AHU to be positioned accurately, such as directly over existing structural beams, so the load can be evenly distributed



HD BEAM

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Height mm	Height Inches	Weight Kg	Weight Lbs	Max. Load Kg	Max. Load Lbs
360/305 (14"/12")	B9722	1066	42	330	13	300 - 360	11 1/16 - 14 3/16	16	35	500	1102
560/305 (22"/12")	B9723	1066	42	330	13	300 - 560	11 1/16 - 22 1/2	18	40	500	1102
360/450 (14"/18")	B9423	1222	48 1/2	486	19 1/2	300 - 360	11 1/16 - 14 3/16	23	51	1000	2205
560/450 (22"/18")	B9690	1222	48 1/2	486	19 1/2	300 - 560	11 1/16 - 22 1/2	25	55	1000	2205
360/600 (14"/24")	B9373	1378	54 1/4	642	25 1/4	300 - 360	11 1/16 - 14 3/16	33	73	1500	3307
560/600 (22"/24")	B9692	1378	54 1/4	642	25 1/4	300 - 560	11 1/16 - 22 1/2	35	77	1500	3307

FEATURES

- Adjustable height
- Standard or Long Stud leg assemblies
- Available with 305mm (12"), 450mm (18") or 600mm (24") feet
- Supplied boxed with beam clamps

KIT INCLUDES

Leg assembly	× 2
Cross bar	× 1
Beam clamps	× 2
Assembly instructions	× 1

Information correct at time of going to press.

CHILLER SUPPORT RANGE

Our range provides a highly effective support solution for the unique heavy duty requirements of a chiller.

Offering unparalleled load distribution and the ability to accurately position the chiller directly over existing structural roof beams when required, our support systems offer the best solution every time.



HD Cube

Due to the close proximity of the four feet, the HD Cube has a large square base which naturally affords excellent load distribution qualities



FEATURES

- Available in 9 configurations
- Available with 305mm (12"), 450mm (18") or 600mm (24") feet
- Alternative to heavy complex frameworks
- Fast assembly
- Excellent load distribution
- Supplied boxed



B5104
HD Mounting Plate



B9306
HD Clamp

HD CUBE

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Height mm	Height Inches	Weight Kg	Weight Lbs	Max. Load Kg	Max. Load Lbs
360/305	B5611	1066	42	979	38 1/2	350 - 410	13 3/4 - 16 1/8	39	86	1000	2205
560/305	B5612	1066	42	979	38 1/2	350 - 610	13 3/4 - 24	42	93	1000	2205
800/305	B5613	1066	42	979	38 1/2	800 - 860	31 1/2 - 33 3/4	48	106	1000	2205
360/450	B5614	1222	48 1/8	1135	44 1/8	350 - 410	13 3/4 - 16 1/8	52	115	2000	4409
560/450	B5615	1222	48 1/8	1135	44 1/8	350 - 610	13 3/4 - 24	56	123	2000	4409
800/450	B5616	1222	48 1/8	1135	44 1/8	800 - 860	31 1/2 - 33 3/4	64	141	2000	4409
360/600	B5617	1378	54 1/4	1291	50 1/8	350 - 410	13 3/4 - 16 1/8	74	163	3000	6614
560/600	B5618	1378	54 1/4	1291	50 1/8	350 - 610	13 3/4 - 24	76	168	3000	6614
800/600	B5619	1378	54 1/4	1291	50 1/8	800 - 860	31 1/2 - 33 3/4	83	183	3000	6614

KIT INCLUDES

Adjustable leg	× 4
Cube end bar	× 2
Cube cross bar	× 1
Assembly instructions	× 1

Information correct at time of going to press.



HD Beam

The HD Beam enables the heavy plant to be positioned accurately, such as directly over existing structural beams, so the load can be evenly distributed



HD BEAM

Description	Part no.	Length mm	Width mm	Height mm	Weight Kg	Max. Load Kg				
		inches	inches	inches	lbs	lbs				
360/305 (14"/12")	B9722	1066	42	330 - 360	11 1/16 - 14 3/16	16	35	500	1102	
560/305 (22"/12")	B9723	1066	42	330 - 560	11 1/16 - 22 1/16	18	40	500	1102	
360/450 (14"/18")	B9423	1222	48 1/8	486 - 19 1/8	300 - 360	11 1/16 - 14 3/16	23	51	1000	2205
560/450 (22"/18")	B9690	1222	48 1/8	486 - 19 1/8	300 - 560	11 1/16 - 22 1/16	25	55	1000	2205
360/600 (14"/24")	B9373	1378	54 1/4	642 - 25 1/4	300 - 360	11 1/16 - 14 3/16	33	73	1500	3307
560/600 (22"/24")	B9692	1378	54 1/4	642 - 25 1/4	300 - 560	11 1/16 - 22 1/16	35	77	1500	3307

Information correct at time of going to press.

FEATURES

- Adjustable height
- Standard or Long Stud leg assemblies
- Available with 305mm (12"), 450mm (18") or 600mm (24") feet
- Supplied boxed with beam clamps

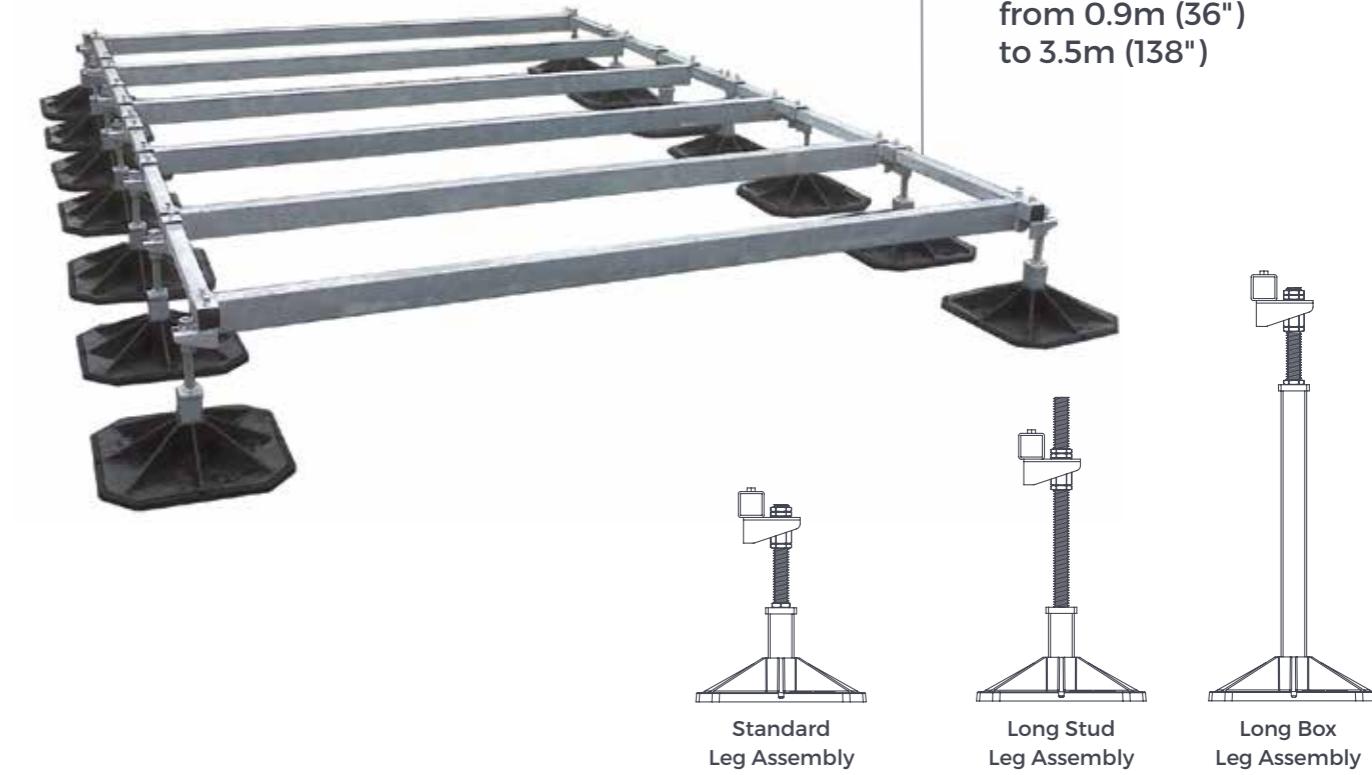


Bespoke Frame

Bespoke Frames are configured in footprint and height, from our standard componentry, offering a free-standing solution to suit your specific project needs

FEATURES

- 3 Leg assembly heights
- 3 Cross bar sizes
- Frame width range from 0.9m (36") to 3.5m (138")



KIT INCLUDES

Leg assembly	x 2
Cross bar	x 1
Beam clamps	x 2
Assembly instructions	x 1

CROSS BAR OPTIONS

Section	Range of Sizes		
mm	inches	mm	inches
40 x 40	1 1/16 x 1 1/16	900 - 1500	36 - 60
50 x 50	2 x 2	1500 - 2100	60 - 83
100 x 50	4 x 2	1600 - 3500	66 - 138

LEG ASSEMBLY OPTIONS

Description	Height Adjustment	
	mm	inches
Standard Leg Assembly	290 - 400	11 1/16 - 15 3/4
Long Stud Leg Assembly	290 - 610	11 1/16 - 24
Long Box Leg Assembly	730 - 825	28 3/4 - 32 1/2

Information correct at time of going to press.



ANCILLARY SUPPORT RANGE



Service containment such as duct, pipework and cable ladder/tray can be supported using a number of products from Big Foot Systems Ancillaries range.

Designed to protect lightweight modern roofs, these offer a range of benefits including cost and time-effective installation and improved system aesthetics without penetrating the roof top.



Find the best solution for supporting services on your roof top using the simple Big Foot Systems Ancillaries range selector...

ANCILLARIES SELECTOR		H Frame Set 305 Page 54	H Frame Set 450 & 600 Page 55	Fix-it Foot Page 56	Multi Foot Page 57
ELECTRICAL	Cable Basket			✓	
	Small Cable Tray	✓		✓	✓
	Larger Cable Tray	✓	✓	✓	✓
	Cable Ladder		✓		
	*Bus Bars		✓		
DUCT	Small Duct	✓			✓
	*Larger Duct	✓	✓		
	*Attenuators, (Silencers)		✓		
PIPE	Small F&R Pipe			✓	✓
	Medium F&R Pipe	✓			✓
	Large F&R Pipe		✓		
	*Multiple Pipe Runs		✓		

* Weight dependant

Information correct at time of going to press.

H Frame Set 305mm (12")

H Frame Sets are an economical support solution for pipe or duct. They accept a range of strut, and by fabricating the frame on-site, they are the flexible choice



H FRAME SET

Description	Part no.	Foot Size mm	Foot Size Inches	Weight Kg	Weight Lbs	Max. Load Kg	Max. Load Lbs
305mm (12")	B6088	305	12	3.65	8	300	661
305mm (12") - 5 Pack	B9645	305	12	18.25	40	300	661

KIT INCLUDES

Foot with adhered mat	× 2
Bracket & fixings	× 4
Assembly instructions	× 1

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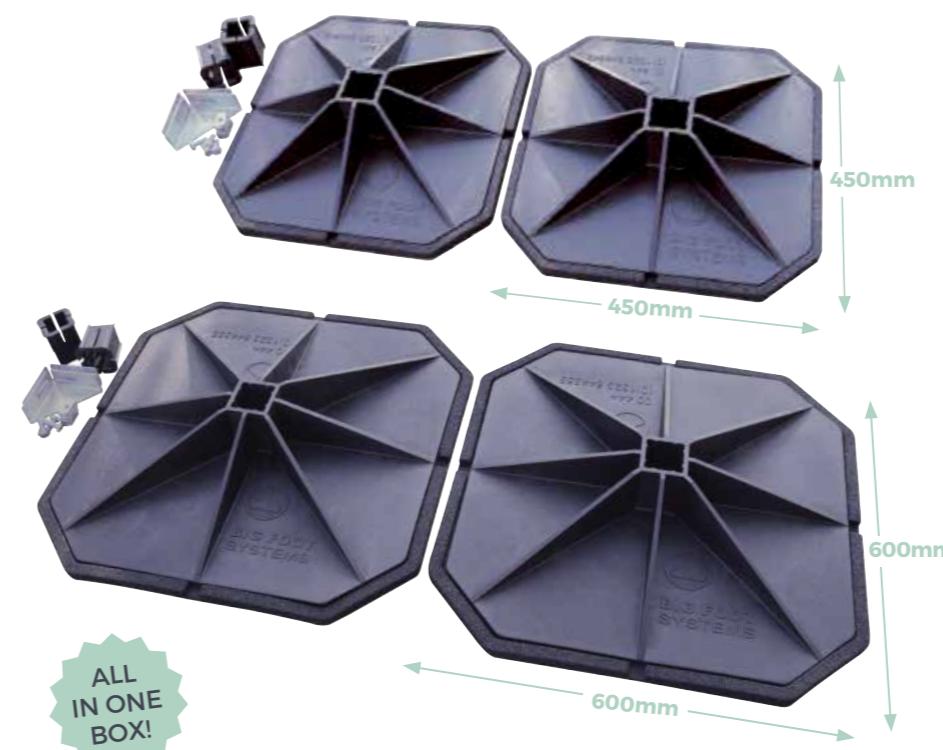


H Frame Set 450mm (18") 600mm (24")

Where a greater load distribution is required for applications such as large ductwork, 450mm (18") or 600mm (24") H Frame Sets are also available

FEATURES

- 450mm (18") or 600mm (24") feet
- Suits 41 × 41mm (1½ × 1½") strut*
- Excellent load distribution
- Versatile application
- Rubber mats provide additional roof protection
- Boxed for convenience



APPLICATION



* Please note: Strut is not included in kit, and is shown as an example

H FRAME SET

Description	Part no.	Foot Size mm	Foot Size Inches	Weight Kg	Weight Lbs	Max. Load Kg	Max. Load Lbs
450mm (18")	B6089	450	17 1/16	14	31	500	1102
600mm (24")	B9222	600	23 3/8	25	55	500	1102

Information correct at time of going to press.

KIT INCLUDES

Foot	× 2
Rubber mat	× 2
Strut Insert	× 2
Bracket & fixings	× 2
Assembly instructions	× 1

Fix-it Foot & High Bloc

The neat and tidy rubber Fix-it Foot is simple, durable and comes in a variety of sizes. Extra clearance can be created using a High Bloc which fits underneath



FEATURES

- Quick and simple install
- Aluminium channel securely anchored in top for easy fixing of services
- Wide range of height and length options available
- Durable recycled rubber reduces vibration and adds stability

FIX-IT FOOT

Description	Part no.	Length		Width		Height		Weight		Max. Load	
		mm	Inches	mm	Inches	mm	Inches	Kg	Lbs	Kg	Lbs
250 (10")	B6735	250	9 1/16	180	7 1/16	95	3 3/4	2.4	5.3	82	181
400 (16")	B6736	400	15 3/4	180	7 1/16	95	3 3/4	3.5	7.8	128	282
600 (24")	B6737	600	23 5/8	180	7 1/16	95	3 3/4	5.8	12.7	224	494
1000 (40")	B9096	1000	39 3/8	180	7 1/16	95	3 3/4	9.9	21.9	295	650
250 (10") Low	B9043	250	9 1/16	130	5 1/8	50	1 15/16	1.3	2.9	82	181
400 (16") Low	B9045	400	15 3/4	130	5 1/8	50	1 15/16	2.1	4.5	128	282
500 (20") Low	B9368	500	19 11/16	130	5 1/8	50	1 15/16	2.5	5.4	134	295
600 (24") High Bloc	B6974	600	23 5/8	180	7 1/16	120	4 3/4	10.2	22.4	224	494
1000 (40") High Bloc	B6973	1000	39 3/8	180	7 1/16	120	4 3/4	17.7	38.9	295	650

Information correct at time of going to press.

Multi Foot

Multi Foot is a multi-purpose support for cable tray or pipe. Used with channel, strut or threaded rod, this simple nylon foot is both versatile and economical



MULTI FOOT PACKS

Description	Part no.	Length		Width		Height		Weight		Max. Load	
		mm	Inches	mm	Inches	mm	Inches	Kg	Lbs	Kg	Lbs
400mm (16") - 4 Pack	B9640	400	15 3/4	180	7 1/16	80	3 1/8	6	13.2	259	571
600mm (24") - 3 Pack	B9655	600	23 5/8	220	8 1/16	80	3 1/8	11.7	25.7	474	1045

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FEATURES

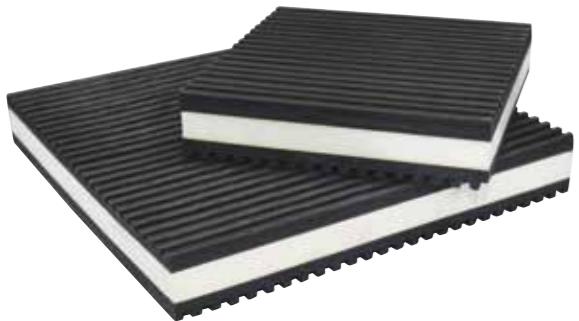
- Quick and easy install
- Available in 2 sizes
- Rigid nylon foot
- Versatile application using channel, strut or threaded rod
- Accepts a full range of strut sizes
- Adhered rubber mats provide additional roof protection
- Boxed for convenience

APPLICATION



AV Pads

AV Pads come in a range of sizes and offer isolation against vibration between the unit and the Big Foot Frame



AV PADS

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Height mm	Height Inches
51mm (2")	B6909	51	2	51	2	22.2	7/8
76mm (3")	B6910	76	3	76	3	22.2	7/8
101mm (4")	B6911	101	4	101	4	22.2	7/8
152mm (6")	B6912	152	6	152	6	22.2	7/8
305mm (12")	B6913	305	12	305	12	22.2	7/8
457mm (18")	B6914	457	18	457	18	22.2	7/8

FEATURES

- Anti-vibration core
- Outer layer corrugated anti-slip rubber
- Available in 6 sizes

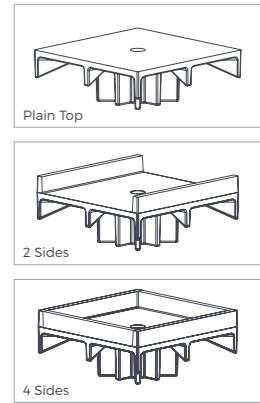
Mounting Platforms

A simple platform support using either our 305mm (12") or 450mm (18") feet, available with a plain, 2 or 4 sided top



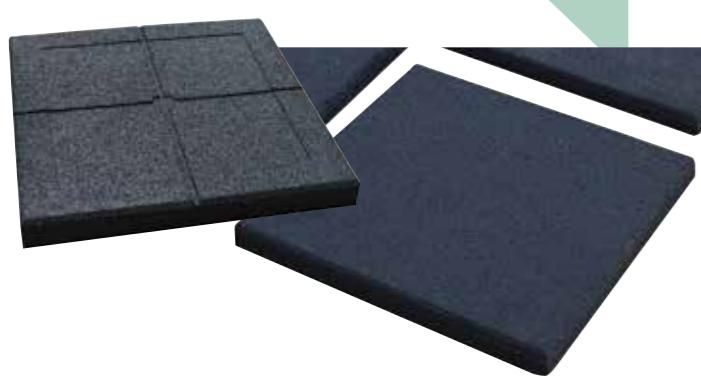
MOUNTING PLATFORMS

Description	Part no.	Useable Area mm	Useable Area Inches
305mm (12") Plain Top	B9098	126 x 126	5 x 5
305mm (12") 2 Sides	B9099	114 x 126	4 1/2 x 5
305mm (12") 4 Sides	B9100	114 x 114	4 1/2 x 4 1/2
450mm (18") Plain Top	B9101	126 x 126	5 x 5
450mm (18") 2 Sides	B9102	114 x 126	4 1/2 x 5
450mm (18") 4 Sides	B9103	114 x 114	4 1/2 x 4 1/2



Vibromats

A range of durable rubber mats that can lay directly on the rooftop to protect it from potential damage from foot fall and ancillary equipment



VIBROMATS

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Height mm	Height Inches
Small Strip*	B6491	600	23 5/8	150	5 1/8	30	1 3/16
Large Strip*	B6282	1000	39 5/8	500	19 1/16	30	1 3/16
Plain Tile 400	B9641	400	15 3/4	400	15 3/4	36	1 1/2
Plain Tile 500	B6416	500	19 1/16	500	19 1/16	45	1 3/4
Plain Strip	B6024	1000	39 5/8	75	3	15	5/8

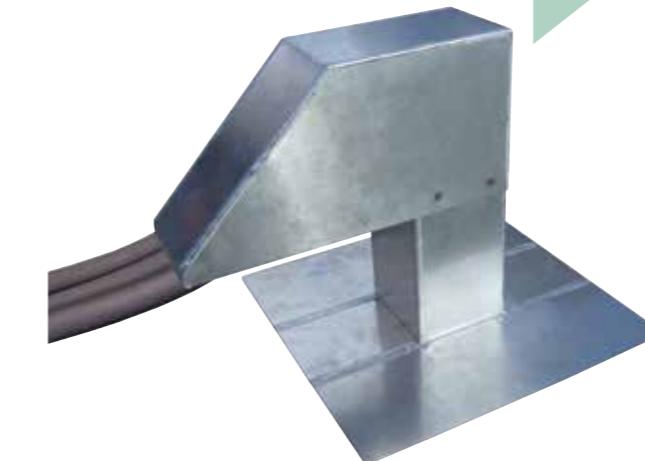
*NOTE: Small Strip and Large Strip include 2 no. steel plate core at either end

Information correct at time of going to press.

Information correct at time of going to press.

Swan Necks

When penetrating the roof with cable or pipe runs, our Swan Necks make a full seal with the roof membrane



SWAN NECKS

Description	Part no.	Outlet Size mm	Outlet Size Inches	No. of Outlets	Height mm	Height Inches
Square Small	B9154	75 x 75	3 x 3	1	484	15 3/16
Square Medium	B9148	125 x 125	5 x 5	1	484	15 3/16
Square Large	B9149	200 x 200	8 x 8	1	484	15 3/16
Oblong Small	B9150	125 x 250	5 x 10	1	484	15 3/16
Oblong Double	B9152	125 x 250	5 x 10	2	484	15 3/16
Oblong Large	B9151	125 x 500	5 x 20	1	484	15 3/16

FEATURES

- Lightweight aluminium
- Full hood to protect against rain ingress
- Range of sizes

SAFE ACCESS RANGE

Offering secure and easy access to rooftop services the Safe Access range provides standard site-assembled Rapid Walkway, Step Overs and Plant Deck Frame.

In addition, Big Foot Systems highly skilled engineering team will survey and design Custom Safe Access systems tailored specifically to meet individual design parameters.

Our engineers are fully conversant with the relevant BS/EN standards and best practices, meeting the health and safety requirements of your site operatives and ensuring that your on-site access systems are fully compliant.



Step Overs

Step Overs are the ideal solution for safe and easy access around most obstacles and are available with 2, 3 and 4 steps and a 1m landing section



STEP OVER

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Clearance Height mm	Clearance Height Inches	Weight Kg	Weight Lbs
2 Step Unit	B6939	2060	81 1/8	1472	56	1770	69 1/16	215	474
3 Step Unit	B6940	2560	100 13/16	1472	56	1990	78 3/8	255	562
4 Step Unit	B6941	3060	120 1/2	1472	56	2210	87	295	650

Information correct at time of going to press.

FEATURES

- 3 step options available
- 1m landing section
- Adjustable leg assemblies
- Flat packed for ease of handling
- Simple to assemble

STEP OVER PLATFORM

- 200mm feet
- 155mm clearance height
- Simple to assemble



Description	Part no.	Length mm	Length Inches	Width mm	Width Inches
600 (24")	B9200	1000	39 3/8	600	23 5/8
1000 (40")	B9201	1000	39 3/8	1000	39 3/8
Handrail	B6942	1000	39 3/8	-	-

Rapid Walkway

Ideal for establishing a safe path around installations on a flat roof. The gritted GRP top is non-slip in any weather and supported by our tried and tested Fix-it Foot



RAPID WALKWAY

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Height mm	Height Inches	Weight Kg	Weight Lbs
1m x 1m (40" x 40")	B9105	1000	39 5/8	1000	39 5/8	121	4 3/4	32	71
2m x 1m (80" x 40")	B9106	2000	78 3/4	1000	39 5/8	121	4 3/4	54	119
3m x 1m (120" x 40")	B9107	3000	118 1/8	1000	39 5/8	121	4 3/4	77	170
1m (40") Handrail	B9111	1000	39 5/8	-	-	1100	43 5/16	13	29
2m (80") Handrail	B9112	2000	78 3/4	-	-	1100	43 5/16	22	49
3m (120") Handrail	B9113	3000	118 1/8	-	-	1100	43 5/16	30	66
1m (40") Corner Handrail	B9104	1000	39 5/8	1000	39 5/8	1100	43 5/16	23	51

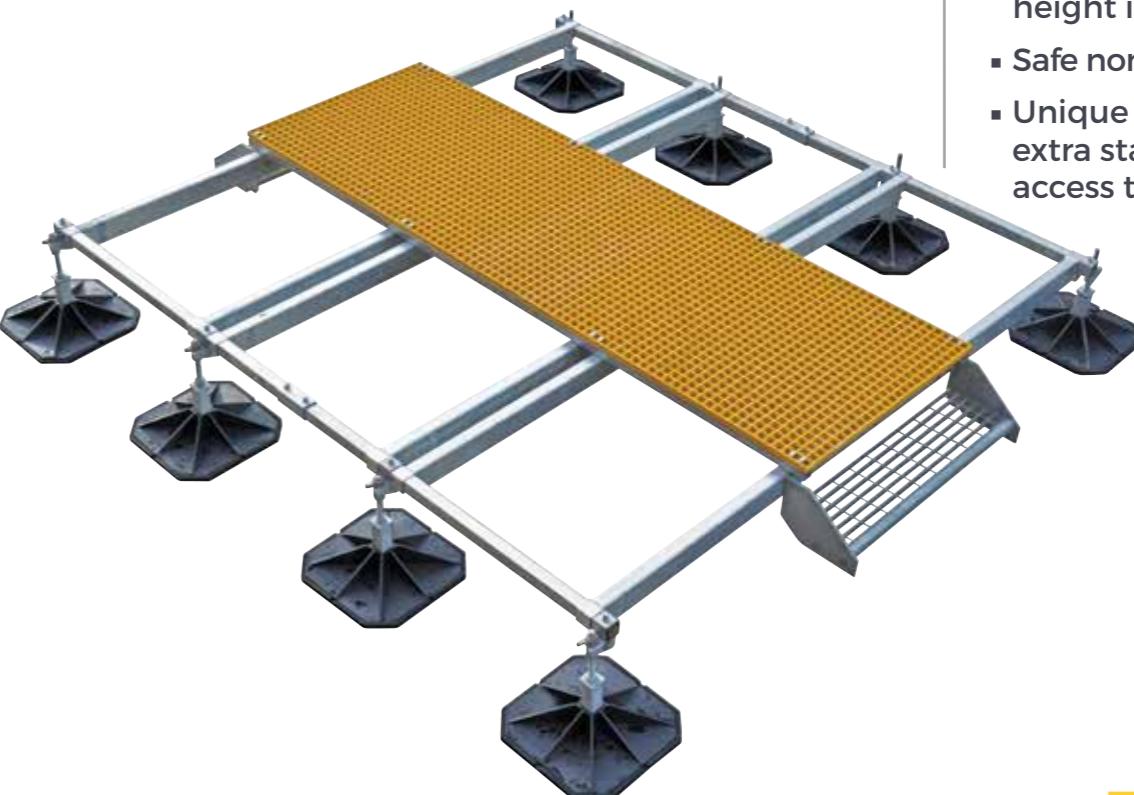
KIT INCLUDES

- Fix-it Foot 1000 feet
- GRP Grid
- Assembly instructions

Information correct at time of going to press.

Plant Deck Frame

Designed to facilitate multiple VRF/VRV installations with access requirements, available in 3 sizes, the wide base also offers stability in high wind locations



PLANT DECK FRAME

Description	Part no.	Length mm	Length Inches	Width mm	Width Inches	Height mm	Height Inches	Weight Kg	Weight Lbs	Max. Load Kg	Max. Load Lbs
4 Unit	B4040	2436	95 1/16	3450	135 13/16	380 - 480	15 - 19	230	507	1600	3527
6 Unit	B4060	3436	135 1/16	3450	135 13/16	380 - 480	15 - 19	329	705	2400	5291
8 Unit	B4080	4436	174 1/16	3450	135 13/16	380 - 480	15 - 19	410	904	3200	7055

Information correct at time of going to press.

FEATURES

- Fast installation
- 3 standard sizes available from stock
- Adjustable leg assemblies ensure that clearance height is met
- Safe non-slip GRP walkway
- Unique design enabling extra stability and easy access to multiple units

KIT INCLUDES

- Adjustable leg assemblies
- End bars
- Cross bars
- GRP Grid
- Assembly instructions

ASPEN PUMPS GROUP

designed for engineers by engineers



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