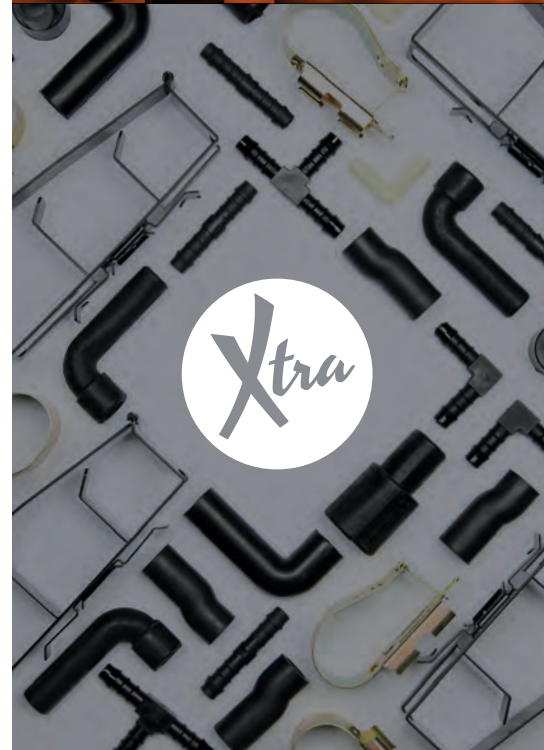
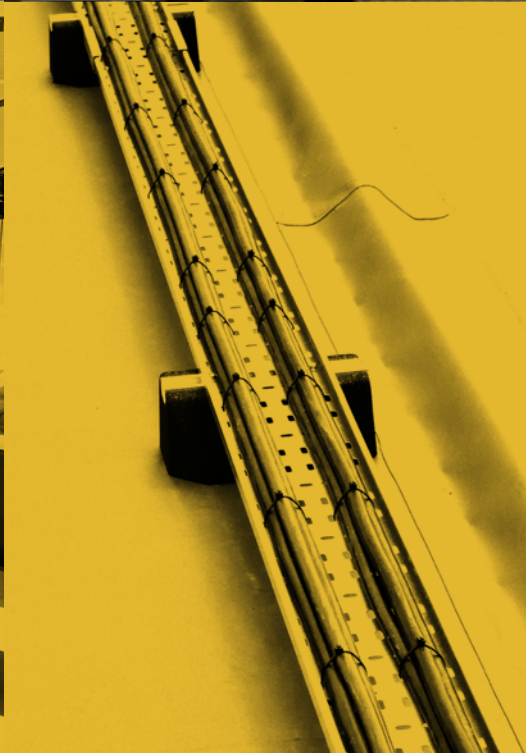
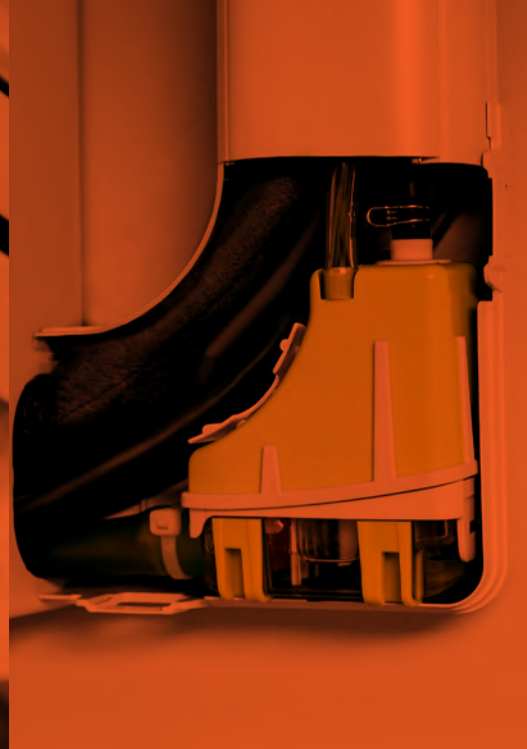
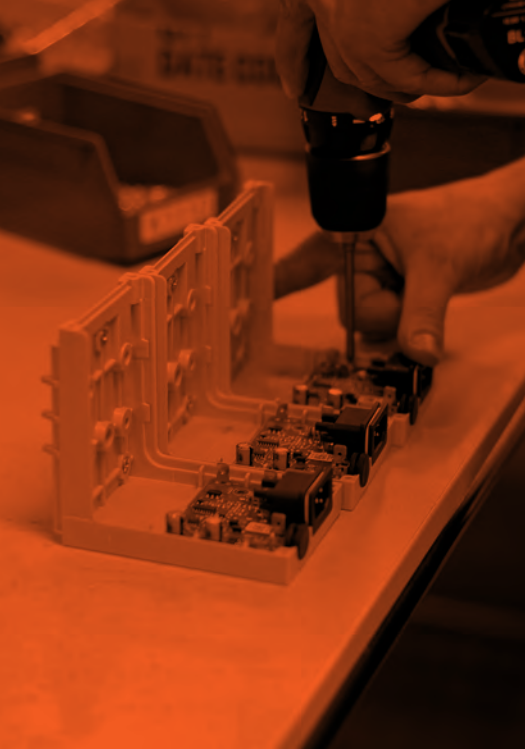




# PRODUCT GUIDE

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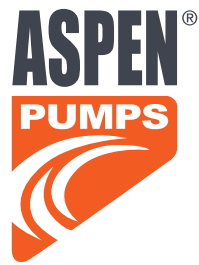


# Making life easier for the installer

A global commercial resource with business premises on  
4 continents, all committed to business growth.

An HVAC/R ancillaries business that can support you globally.  
Trading in over 100 countries.





Aspen Pumps are at the forefront of condensate pump technology. As engineers, we understand the complexity of installations and so create market leading products that are designed to best suit the application and environment. We pride ourselves on providing professionals with everything they need for the perfect installation; from pumps to pipe we have it all.










# Contents



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# Pump Selector

		System Type							Duty @ 50Hz					Mounting			
									Max. flow (L/hr)	Max. rec. head (m)	Suction lift (m)	Sound dB(A)	Max. kW / Btu/s*	Trunking	In unit	Remotely	Below unit
		Cassette	Wall mount	Ducted	Under ceiling	Humidifier	De-humidifier	Floor type									
Silent+	Micro-v i <sup>4</sup> (100-250V)		•	•	•			•	14.5	10	2	19	19.3 / 66k	✓			-
	Mini Orange (230V)		•	•	•		•	12	✓								
	Mini Lime (230V)		•				•		-				20	✓	-		
	Mini Aqua (230V)		•	•	•		•		•				2	19	✓		
Mini	Mini Orange (230V)		•	•	•		•		12	10	2	21	16 / 54k	✓			-
	Maxi Orange (230V)		•	•	•		•	35	15	-		35	46 / 157k	-	✓		
	Maxi Lime (230V)		•				•				✓	-					
	Mini Aqua (230V)		•	•	•		•				•	12	10	2	21	16 / 54k	
	Mini Blanc (230V)		•						-		-			✓			
Tank	Mini Tank (230V)			•			•	•	35	15	-	35	46 / 157k	-	✓	-	✓
	Max Hi-Flow (230V)	•		•			•		550	5		44	733 / 2.5m	-			
	Hi-Lift 1L & 2L (230V)	•		•			•		11	12		51	14 / 47k				
	Heavy Duty 6 (230V)	•					•		900	6		60	1200 / 4m				
	Heavy Duty 10 (230V)	•					•		1070	9		64	1460 / 4.9m				
	HW Economy (230V)					•			900	7		60	1200 / 4m				
	Hot Water HD (230V)					•			1800	15		63	2400 / 8m				
Peristaltic	Universal (230V)		•	•	•			•	6.5	12	3	47	8.5 / 29k	-	✓	✓	
	Standard (230V)		•	•	•			•									
	Mk4 (230V)		•	•	•			•									
	Mechanical (230V)		•	•	•			•									

System Type		Duty @ 50Hz				Mounting	
		Max. flow (L/hr)	Max. rec. head (m)	Sound dB(A)	Max. kW / Btu's*	In unit	Below unit
Supermarket	✓	190	21	60	-	✓	✓
					-		
					-		
					-		
		780	8.5	64	-		
					-		
LP ERRP (230V)		190	21	60	-	✓	✓
ERRP (230V)		225	35		-		
LP Cold Cabinet (230V)		700	18		-		
Cold Cabinet (230V)		225	35		-		
Macerator 4L (230V)		780	8.5	64	-		
Macerator 10 L (230V)					-		

Condensing Boiler Type		Duty @ 50Hz				Mounting	
		Max. flow (L/hr)	Max. rec. head (m)	Sound dB(A)	Max. kW / Btu's*	Wall	Floor
Gas	Oil	550	5	44	200 / 682k		
Hi-Capacity (230V)	✓						

\*Water quantity based on cooling capacity may vary geographically

# Micro-v<sup>i<sup>4</sup></sup>: no breather tube and soft start

The award-winning Micro-v condensate removal pump with no breather tube fits into the smallest of spaces. On-demand operation and floatless technology delivers silent running and a longer pump life.

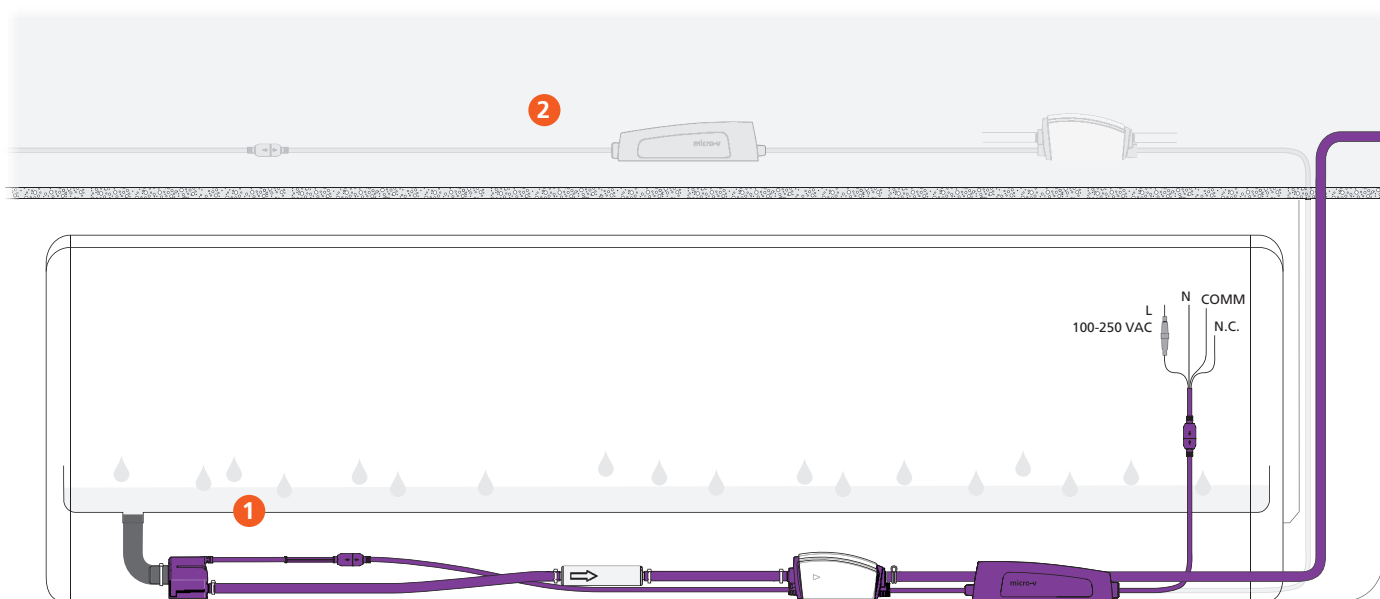
- No breather tube
- Small multi orientation sensor with visual pump status diagnostics
- Unrivalled controlled soft start function for truly quiet running and prolonged pump life
- **i<sup>4</sup> technology** built in – installation, operation & maintenance even easier
- All backed by a 2 year maintenance free warranty!



Micro-v i<sup>4</sup>

✓ **Perfect for...**

Installing directly inside the unit



1 In the AC unit

2 In the ceiling

Information correct at time of going to press.





# Micro-v <sup>i4</sup>

## INTELLIGENT CONDENSATE REMOVAL PUMP

The award-winning Micro-v condensate removal pump with no breather tube, fits into the smallest of spaces. On-demand operation and floatless technology delivers silent running and a longer pump life.

14.5L/h max. flow

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

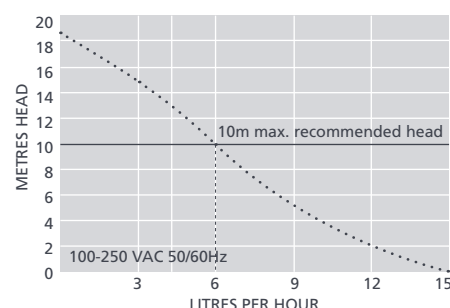
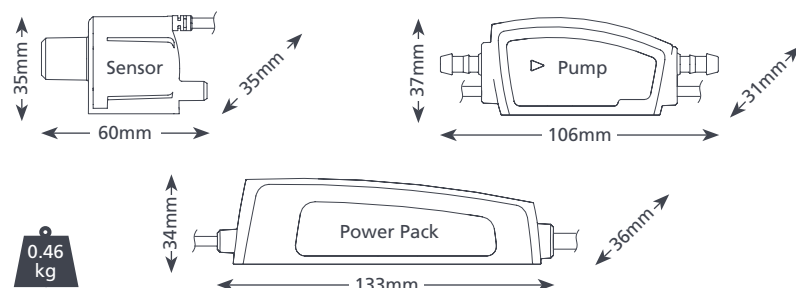
19dB(A) @ 1m

### KEY FEATURES

- No breather tube
- Soft start
- Small multi orientation sensor
- 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 i <sup>4</sup> @ 100-250 VAC 50/60Hz	
Max. flow	14.5L/h @ 0m head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	19
Power supply	100-250 VAC, 0.45A, 50/60Hz
Rated Class	Continuous 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 i <sup>4</sup> OPTIONS	
Micro-v i <sup>4</sup>	FP1200

SUGGESTED XTRA ACCESSORIES	
Description	Part No.
Rubber adaptor	FP2002
90° long arm bend	FP2006
Tube To Soil Stack Adaptor	FP2038



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

### IN THE BOX

Micro-v i<sup>4</sup> 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

- Download manual at [aspenpumps.com](http://aspenpumps.com)
- View install video at [aspenpumps.com](http://aspenpumps.com)

# 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.



Silent+ Mini Orange®

✓ **Perfect for...**  
Smaller commercial and domestic units in quiet environments



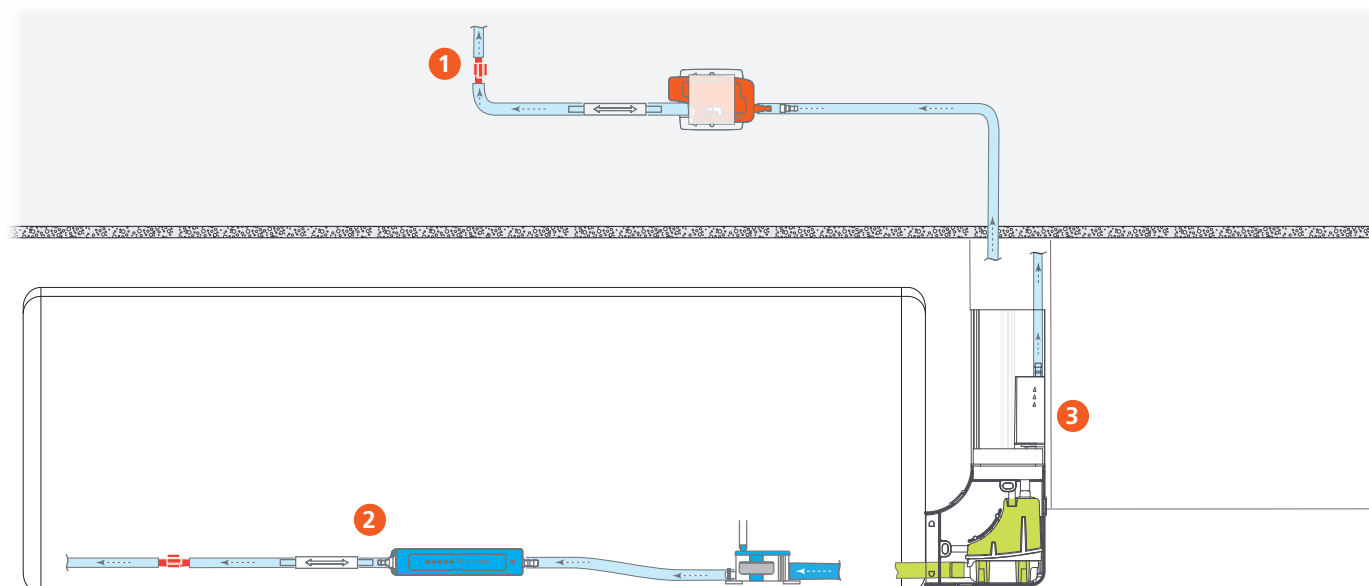
Silent+ Mini Aqua®

✓ **Perfect for...**  
Small & quiet – you'll never know it's there!



Silent+ Mini Lime®

✓ **Perfect for...**  
Commercial use where silence is important



**1** In the ceiling (Note: anti vibration bracket)

**2** In the AC unit

**3** Within the trunking

Information correct at time of going to press.

# 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) @ 1m

### KEY FEATURES

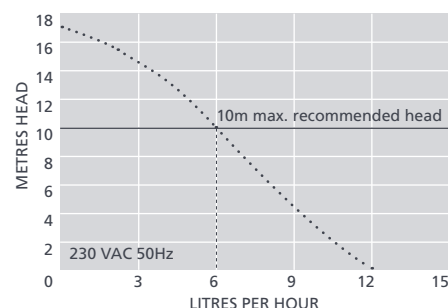
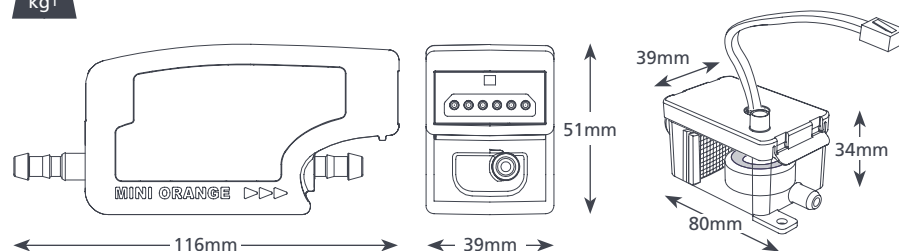
- Quietest in its class
- Submersible secondary reservoir included
- Plug & play

### SUITABILITY

- Up to 16kW / 54,000Btu/h
- Ducted units; Floor standing & Chassis units; High wall split systems
- ✓ **Perfect for...** Smaller commercial and domestic units in quiet environments



0.25  
kg†



### SILENT+ MINI ORANGE @ 230 VAC 50Hz

Max. flow	12L/h @ 0m head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	19
Power supply	230 VAC, 0.11A, 16W 50/60Hz
Rated Class	Non continuous 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

† Pump only

### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 1/4" (6mm)	AX5100



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

### IN THE BOX

Silent+ Mini Orange pump • 1.5m Plug & play power cable • 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



Download manual at [aspenpumps.com](http://aspenpumps.com)



View install video at [aspenpumps.com](http://aspenpumps.com)





Naturally fitting inside the A/C unit and with an incredibly low operating noise level, you can be sure your client will enjoy a stress free A/C system.



# Silent+ Mini Aqua®

## CONDENSATE REMOVAL 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) @ 1m

### KEY FEATURES

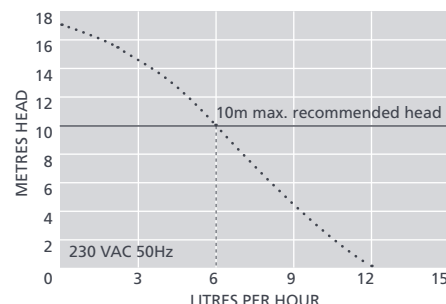
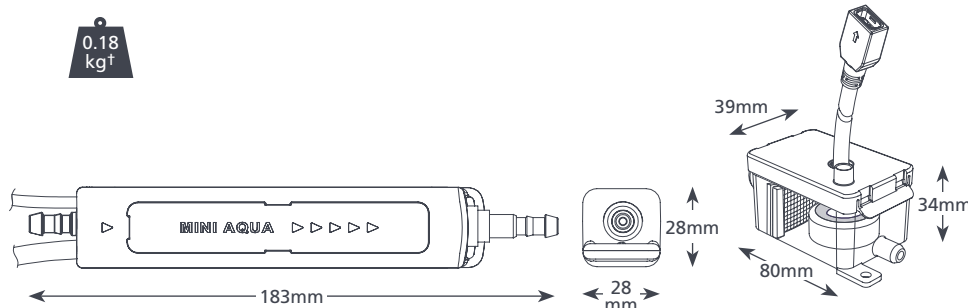
- Quietest in its class
- Acoustic damper
- Plug & play
- Anti siphon device

### 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 @ 230 VAC 50Hz

Max. flow	12L/h @ 0m head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	19
Power supply	230 VAC, 0.1A, 16W, 50/60Hz
Rated Class	Non continuous 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	IP24
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓

#### SILENT+ MINI AQUA OPTIONS

Silent+ Mini Aqua FP3326

† Pump only

#### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 1/4" (6mm)	AX5100

#### 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 • 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



Download manual at [aspenpumps.com](http://aspenpumps.com)



View install video at [aspenpumps.com](http://aspenpumps.com)



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

Silent+ Mini Lime sits in the trunking elbow. Perfect for commercial use and retrofit installs.





# Silent+ Mini Lime®

## CONDENSATE REMOVAL PUMP

The next generation Silent+ Mini Lime has an anti-vibration damper and built-in sound absorbing materials. As well as a quick release reservoir, you can also commission the pump on site, and check operation via the LED system in the reservoir. Silence isn't golden, it's lime.



12L/h max. flow



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



20dB(A) @ 1m

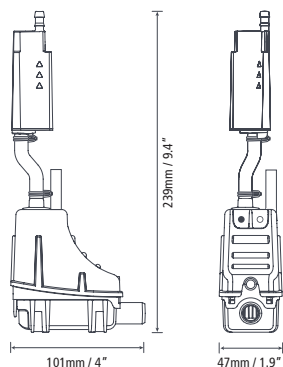
### KEY FEATURES

- Anti-vibration damper
- Pump sits in trunking elbow
- LEDs provide visual operating feedback

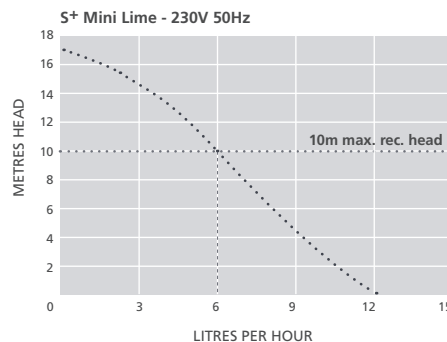
### SUITABILITY

- Up to 16kW / 54,000Btu/h
- High wall split systems
- Left or right install with range of trunking systems

✓ **Perfect for...** Commercial use where silence is important



0.31  
kg†



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 1/4" (6mm)	AX5100



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

### SILENT+ MINI LIME @ 230 VAC 50Hz

Max. flow	12L/h @ 0m head
Max. rec. head	10m
dB(A) @ 1m	20*
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	5.0A N.C. / N.O.**
Thermal protection	✓
Self priming	✓

### SILENT+ MINI LIME SYSTEM OPTIONS

System	Colour	Part No.
Slimline	Ivory	FP3312/2
"	White	FP3319/2
SpeediDuct (BBJ)	Ivory	FP3316/2
"	White	FP3320/2
Inoac	Ivory	FP3317/2
"	White	FP3321/2
Artiplastic	Ivory	FP3315/2
"	White	FP3314/2
Silent+ Mini Lime Replacement†		FP3322/2

† Pump only – no trunking included

### IN THE BOX

Silent+ Mini Lime pump (including 1.5m hard wired power cable) • Anti-vibration pulse damper, anti-siphon device • 500mm Lime green inlet hose 14mm ID • 40mm Vinyl breather tube 6mm ID • Elbow front and back • 800mm Conduit front and back • Internal conduit sleeve (Slimline system only) • Gasket (Slimline, Speediduct and Inoac systems only) • Ceiling plate • Drain connector kit • Fixing kit • Install manual



Download manual at [aspenpumps.com](http://aspenpumps.com)



View install video at [aspenpumps.com](http://aspenpumps.com)

\*Assuming solid wall construction with a 2kW unit.  
\*\* 5.0A volt free with Normally Closed/Normally Open contacts. Default factory set to Normally Closed mode.

Information correct at time of going to press.

# Mini pumps 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.



Mini & Maxi Orange

✓ Perfect for...

Smaller commercial & domestic units



Maxi Lime

✓ Perfect for...

Large commercial high wall split units



Mini Blanc

✓ Perfect for...

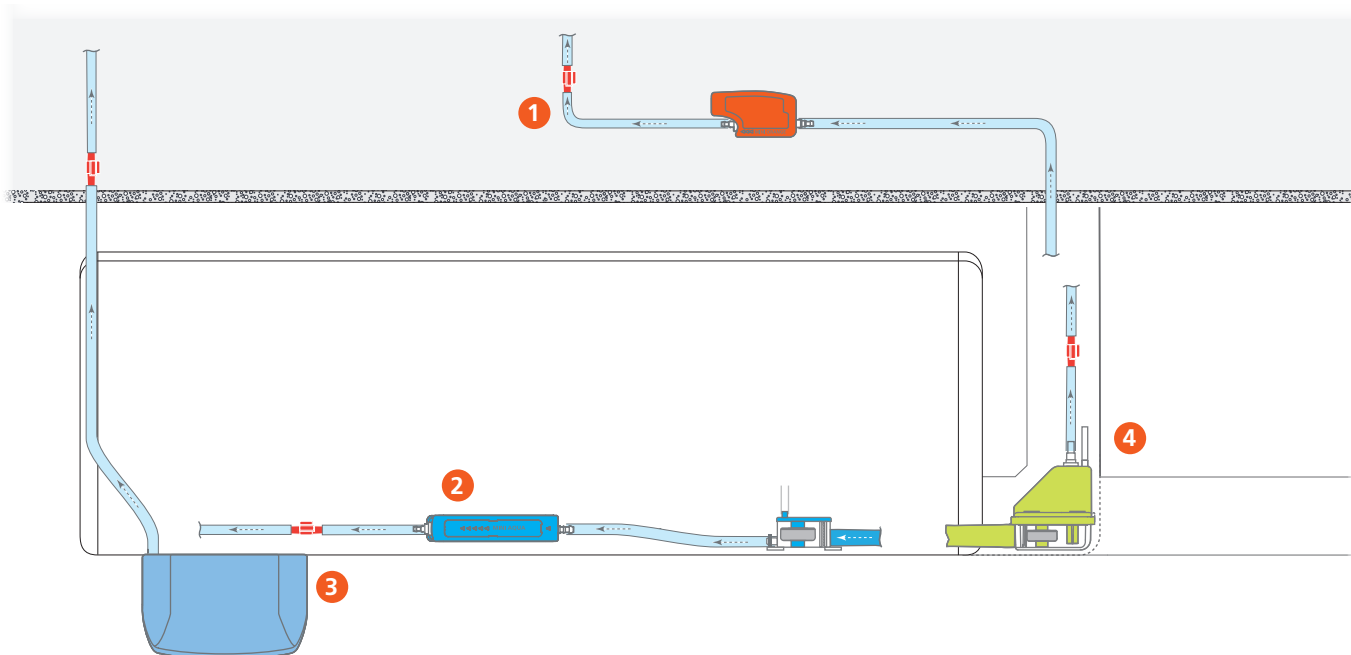
Domestic use – where easy maintenance is key



Mini Aqua

✓ Perfect for...

Installing directly inside the unit



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

Information correct at time of going to press.

# Mini Orange<sup>®</sup>

## CONDENSATE REMOVAL 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) @ 1m

### KEY FEATURES

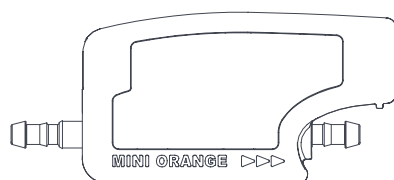
- Submersible secondary reservoir included
- Plug & play
- Anti siphon device

### SUITABILITY

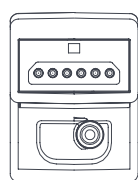
- Up to 16kW / 54,000Btu/h
  - High wall split systems; Ducted units; Floor standing & Chassis units
- ✓ **Perfect for...** Smaller commercial & domestic units



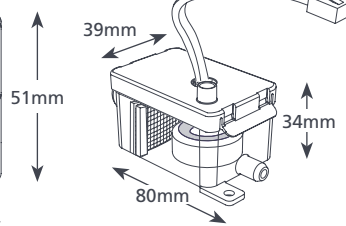
0.25  
kg<sup>†</sup>



116mm



39mm

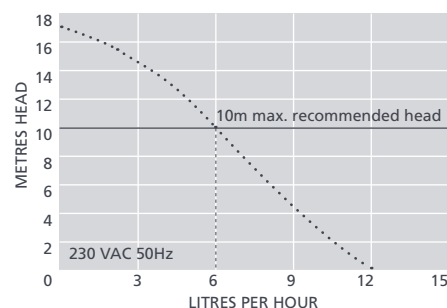


51mm

39mm

34mm

80mm



MINI ORANGE @ 230 VAC 50Hz	
Max. flow	12L/h @ 0m head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	21
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	✓

MINI ORANGE OPTIONS	
Mini Orange	FP2212
† Pump only	

SUGGESTED XTRA ACCESSORIES	
Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 1/4" (6mm)	AX5100

IN THE BOX
Mini Orange pump • 1.5m Plug & play power cable • 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

Download manual at [aspenpumps.com](http://aspenpumps.com)

View install video at [aspenpumps.com](http://aspenpumps.com)



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



A woman with short brown hair and a headband is sitting on a light blue sofa, reading a book and using a laptop. She is wearing a black tank top and blue jeans. In front of her is a round wooden coffee table with a potted plant and a smartphone on it. A white Mini Aqua air conditioner is mounted on the wall above the sofa. A large window on the right side of the frame shows a view of trees outside.

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

# Mini Aqua<sup>®</sup>

## CONDENSATE REMOVAL PUMP

The world's slimmest condensate removal pump is designed to fit where other's can't!



12L/h max. flow



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



21dB(A) @ 1m

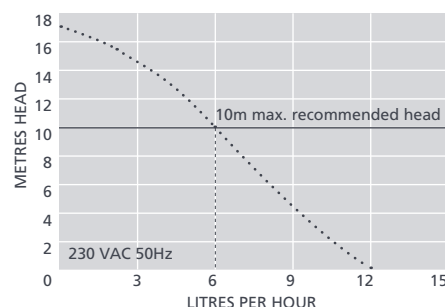
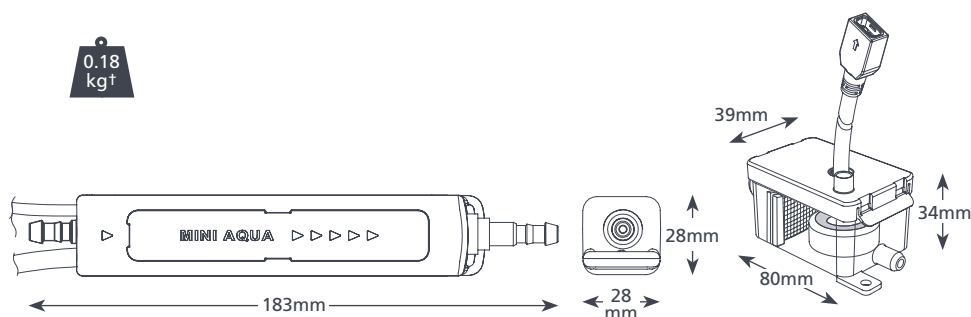
### KEY FEATURES

- 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



MINI AQUA @ 230 VAC 50Hz	
Max. flow	12L/h @ 0m head
Max. rec. head	10m
Max. suction lift	2m
dB(A) @ 1m	21
Power supply	230 VAC, 0.1A, 16W, 50/60Hz
Rated Class	Non continuous 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	IP24
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓

MINI AQUA OPTIONS	
Mini Aqua	FP2406/2
† Pump only	

SUGGESTED XTRA ACCESSORIES	
Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 1/4" (6mm)	AX5100

IN THE BOX
Mini Aqua pump • 1.5m Plug & play power cable • Reservoir (inc. filter, float, lid) • 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

- Download manual at [aspenpumps.com](http://aspenpumps.com)  
 View install video at [aspenpumps.com](http://aspenpumps.com)



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



The Mini Blanc is discreet and excellent for areas where regular ease of inspection and maintenance is needed.



# 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)



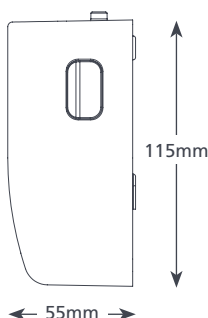
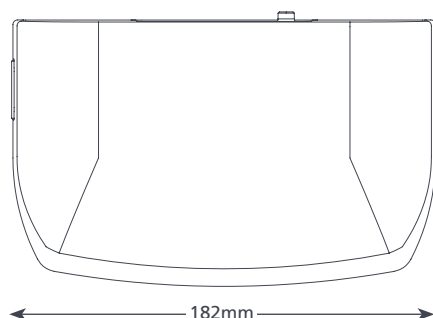
21dB(A) @ 1m

### KEY FEATURES

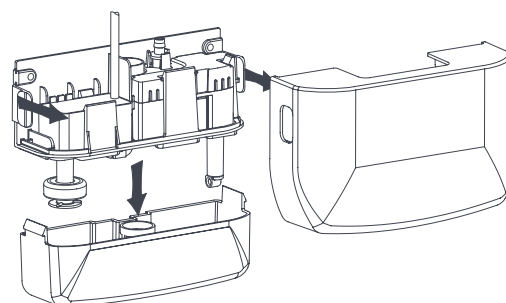
- Extra quick to fit
- Compact & discreet
- Clear removable reservoir
- Ultra quiet operation

### SUITABILITY

- Up to 16kW / 54,000Btu/h
- High wall mini split systems
- ✓ **Perfect for...** Domestic use – where easy maintenance is key

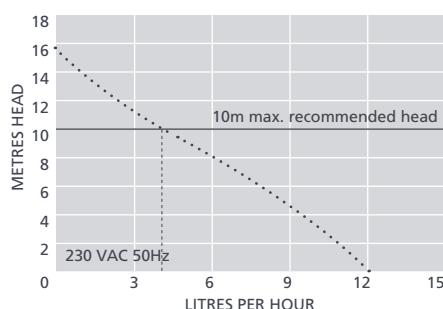


0.46 kg



### MINI BLANC @ 230 VAC 50Hz

Max. flow	12L/h @ 0m head
Max. rec. head	10m
Tank capacity	0.24L
dB(A) @ 1m	21
Power supply	230 VAC, 0.11A, 19W 50/60Hz
Rated Class	Non continuous II appliance <input type="checkbox"/>
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



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

### MINI BLANC OPTIONS

Mini Blanc	FP1080/2
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### 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](http://aspenpumps.com)
- View install video at [aspenpumps.com](http://aspenpumps.com)



# Maxi Orange

## CONDENSATE REMOVAL 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) @ 1m

### KEY FEATURES

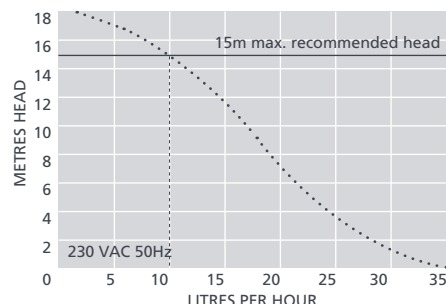
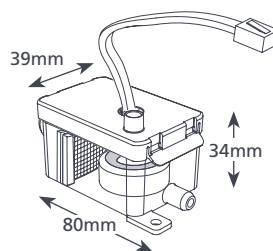
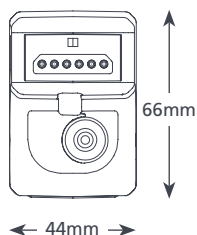
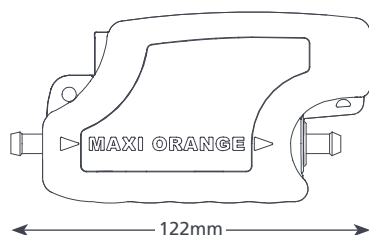
- High power motor
- Superior performance
- Submersible secondary reservoir included

### 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 @ 230 VAC 50Hz

Max. flow	35L/h @ 0m head
Max. rec. head	15m
Max. suction lift	2m
dB(A) @ 1m	35
Power supply	230 VAC, 0.11A, 16W, 50/60Hz
Rated Class	Non continuous II appliance <input type="checkbox"/>
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
† Pump only	

### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 1/4" (6mm)	AX5100



### IN THE BOX

Maxi Orange pump • 1.5m Plug & play power cable • 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



Download manual at [aspenpumps.com](http://aspenpumps.com)



View install video at [aspenpumps.com](http://aspenpumps.com)



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

# Maxi Lime

## CONDENSATE REMOVAL PUMP

Designed for larger units & humid environments, the 'all-in-one system' Maxi Lime elbow pump gives you supreme power when needed. ('Pump only pack' also available).



35L/h max. flow



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



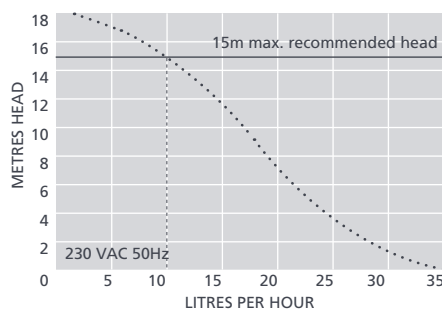
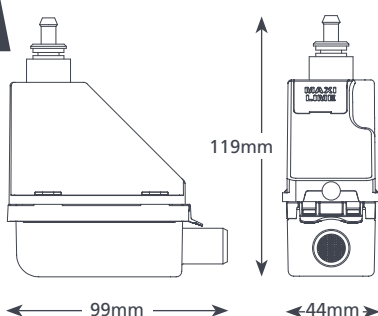
35dB(A) @ 1m

### KEY FEATURES

- Sits in trunking elbow
- Left or right install
- Range of trunking systems
- Easy access for servicing

### SUITABILITY

- Up to 46kW / 157,000Btu/h
- Large commercial AC units;  
High wall split systems
- ✓ **Perfect for...** Large commercial  
high wall split units



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 1/4" (6mm)	AX5100



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

### MAXI LIME @ 230 VAC 50Hz

Max. flow	35L/h @ 0m head
Max. rec. head	15m
Max. suction lift	n/a
dB(A) @ 1m	35
Power supply	230 VAC, 0.1A, 16W, 50/60Hz
Rated Class	Non continuous II appliance <input type="checkbox"/>
Max. unit output	46kW / 157,000Btu/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	✓

### MAXI LIME SYSTEM OPTIONS

System	Colour	Part No.
BBJ (Speediduct)	Ivory	FP2213
Maxi Lime Replacement†		FP2215

† Pump only – no trunking included

### IN THE BOX

Maxi Lime pump (inc. 750mm discharge tube with 6mm ID connector and 1.5m hard wired power cable) • 500mm Lime green inlet hose 14mm ID • 40mm Vinyl breather tube 6mm ID • Anti siphon device • Elbow front and back • 800mm conduit front and back • Gasket (BBJ and Inoac/Inaba systems only) • Ceiling plate • Drain connector kit • Fixing kit • Install manual



Download manual at [aspenpumps.com](http://aspenpumps.com)



View install video at [aspenpumps.com](http://aspenpumps.com)

# 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

✓ Perfect for...

Installation versatility



Max Hi-Flow

✓ Perfect for...

Large commercial units



Hi-lift 1L &amp; 2L

✓ Perfect for...

High head applications



Heavy Duty 6 &amp; 10

✓ Perfect for...

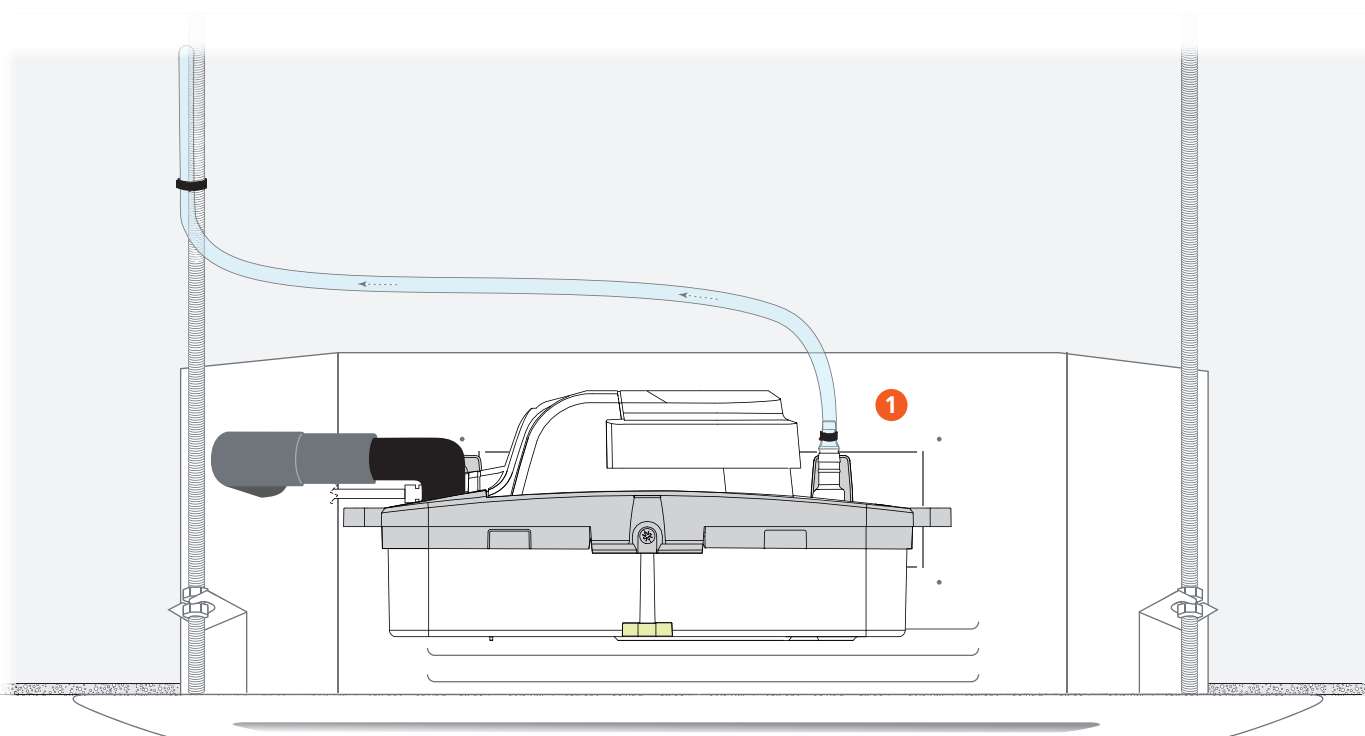
Large volumes of water



Hot Water Pumps

✓ Perfect for...

Hot water temperatures



1 Max Hi-Flow screw mounted to cassette unit

Information correct at time of going to press.



# Mini Tank

## CONDENSATE REMOVAL 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

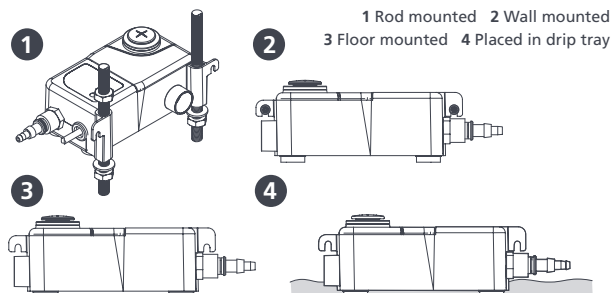
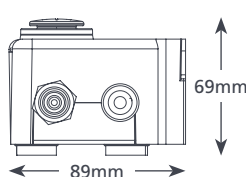
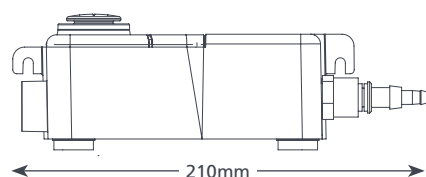
### SUITABILITY

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

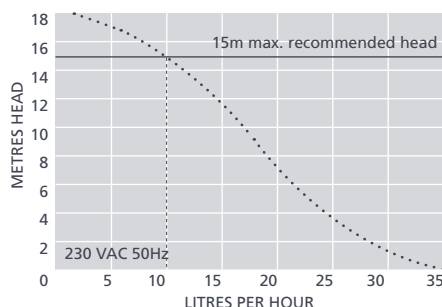
✓ **Perfect for...** Installation versatility



0.57  
kg



MINI TANK @ 230 VAC 50Hz	
Max. flow	35L/h @ 0m head
Max. rec. head	15m
Tank capacity	0.24L
dB(A) @ 1m	35
Power supply	230 VAC, 0.1A, 16W, 50/60Hz
Rated Class	Non continuous II appliance <input type="checkbox"/>
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



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Tank pump connector 16mm-21mm	FP2011
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 1/4" (6mm)	AX5100



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

### MINI TANK OPTIONS

Mini Tank	FP1056/2
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### 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



Download manual at [aspenpumps.com](http://aspenpumps.com)



View install video at [aspenpumps.com](http://aspenpumps.com)



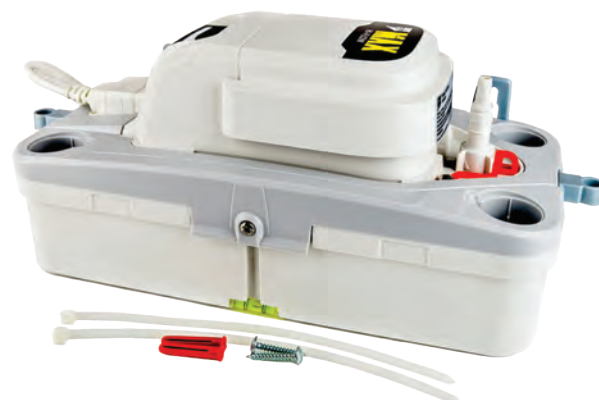
The lowest dB(A) of any tank pump, the Max Hi-Flow is the quietest & best pump in its class.



# Max Hi-Flow

## CONDENSATE REMOVAL PUMP

The best in class Max Hi-Flow tank pump carries on the Aspen Pumps tradition of build quality & high performance. With the lowest dB(A) rating of any tank pump, the Max Hi-Flow is the quietest & best pump in its class.



550 L/h max. flow



5m max. rec. head  
(flow rate 55L/h)

### KEY FEATURES

- IP24 - Splash proof
- Easy access tank
- Built in spirit level
- Plug & play

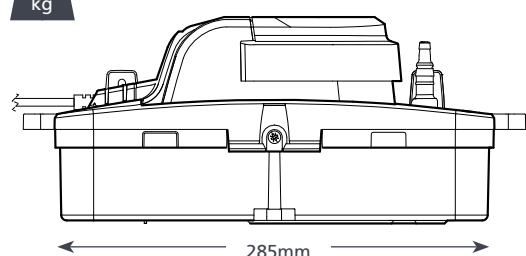
### SUITABILITY

- Up to 733kW / 2.5m Btu/h
- Ducted units; Floor standing & Chassis units; Cassette units

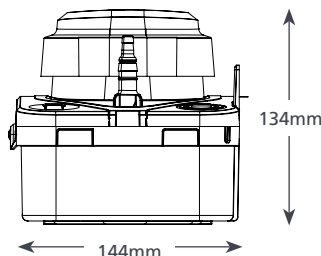
✓ **Perfect for...** Large commercial units



1.65 kg



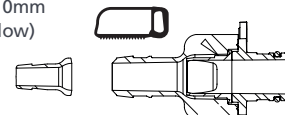
285mm



144mm

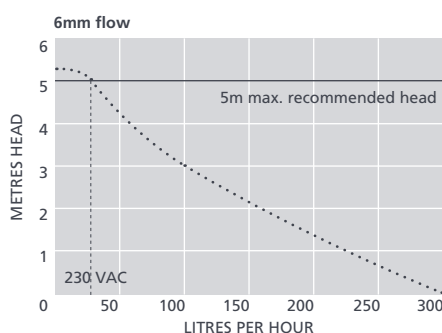
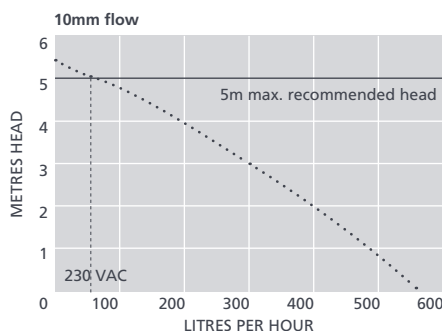
134mm

Non-return valve can be cut from 6mm to 10mm (see graphs below)



### MAX HI-FLOW (10MM FLOW) @ 230 VAC 50HZ

Max. flow	550L/h @ 0m head
Max. rec. head	5m
Tank capacity	1.7L
dB(A)@1m	44
Power supply	230 VAC, 0.8A, 50Hz
Rated	Non Continuous
Class	I appliance
Max. unit output	733kW / 2.5m Btu/h
Max. water temp	40°C / 104°F
Inlets	x4 21-27mm
Outlets	6mm & 10mm
IP Protection	IP24
Safety switch	3A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a



### TANK PUMP OPTIONS

Max Hi-Flow	FP3349
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### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Rubber adaptor	FP2013
Rigid pipe 15mm / 3/4"	B7501
Hose to waste	FP2038
Max Hi-Flow Insulation Sleeve	AX2500

### IN THE BOX

Max Hi-Flow tank pump • Plug & Play power cable • Fixing kit incl. rod mount and wall mount clips • Install manual

# Hi-Lift 1L & 2L

## CONDENSATE REMOVAL PUMP

The world's only persitaltic tank pump offers unsurpassed high head and unmatched reliability.



11L/h max. flow



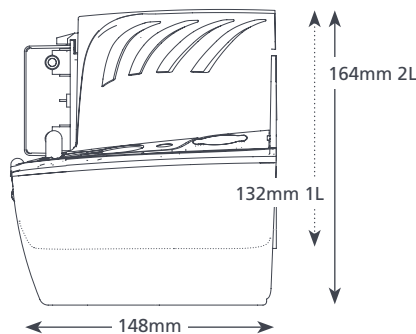
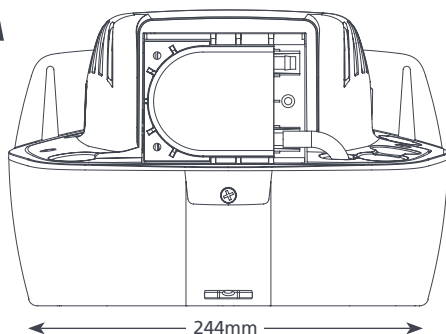
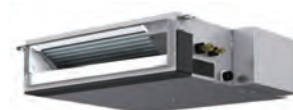
12m max. head  
(flow rate 11L/h)

### KEY FEATURES

- High head
- Easy fit & maintenance
- Easy access clean tray
- Built in spirit level

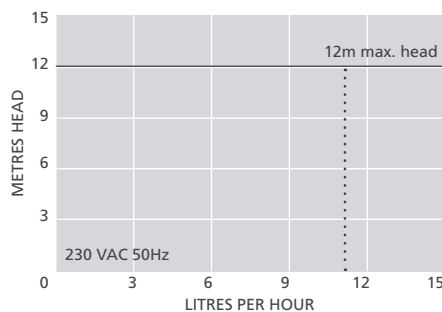
### SUITABILITY

- Up to 14kW / 47,000Btu/h
- Ducted units; Floor standing & Chassis units; Cassette units; Refrigerated units / cold store
- ✓ **Perfect for...** High head applications



### HI-LIFT 1L & 2L @ 230 VAC 50Hz

Max. flow	11L/h @ 0m head
Max. head	12m
Tank capacity	1L & 2L
dB(A) @ 1m	51
Power supply	230 VAC, 0.4A, 50/60Hz
Rated	Continuously
Class	I appliance
Max. unit output	14kW / 47,000Btu/h
Max. water temp	40°C / 104°F
Inlet/outlet	x3 25mm in, 6mm out
IP Protection	IP20
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a



### HI-LIFT 1L & 2L OPTIONS

Hi-lift 1L	FP2099/2
Hi-lift 2L	FP2071/2

### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Tank pump connector 16mm-21mm	FP2011
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 1/4" (6mm)	AX5110



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

### IN THE BOX

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



Download manual at [aspenpumps.com](http://aspenpumps.com)

# Heavy Duty 6 & 10

## CONDENSATE REMOVAL 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



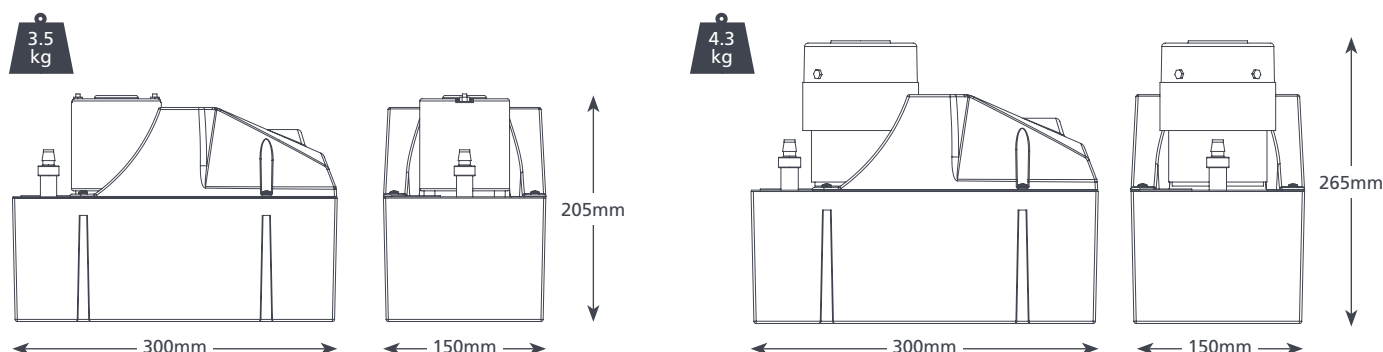
HD6: 6m max. rec. head  
(flow rate 180L/h)  
HD10: 9m max. rec. head  
(flow rate 100L/h)

### KEY FEATURES

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

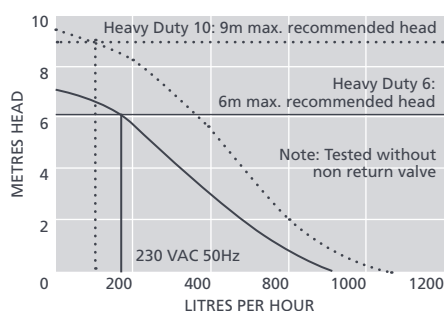
### SUITABILITY

- HD6: Up to 1200kW / 4m Btu/h  
HD10: Up to 1460kW / 4.9m Btu/h
- Dehumidifiers; Air handling units (AHUs)
- ✓ **Perfect for...** Large volumes of water



### HEAVY DUTY 6 & 10 @ 230 VAC 50Hz

Max. flow	HD6: 900L/h, HD10: 1070L/h
Max. rec. head	HD6: 6m, HD10: 9m
Tank capacity	4L
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



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Pipe to Pipe connector 21mm-40mm	FP2018
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 3/8" (10mm)	AX5101



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

### HEAVY DUTY 6 & 10 OPTIONS

Heavy Duty 6	FP2074/2
Heavy Duty 10	FP2066/2

### IN THE BOX

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



Download manual at [aspenpumps.com](http://aspenpumps.com)



# Hot Water Economy

## CONDENSATE REMOVAL PUMP

Built of heat resistant cyclopy, this economy pump is designed to handle high water temperatures.



900L/h max. flow



6m max. rec. head  
(flow rate 180L/h)

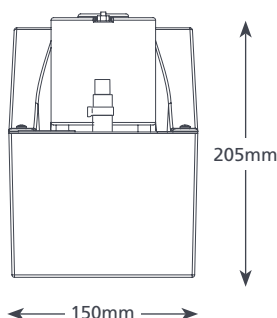
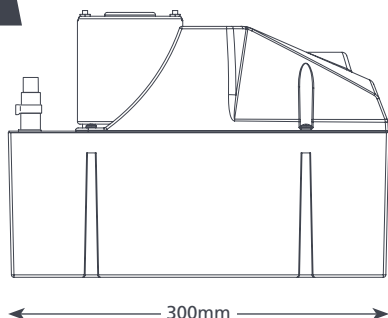
### KEY FEATURES

- High performance
- Handles 100°C water
- 2 inlets

### SUITABILITY

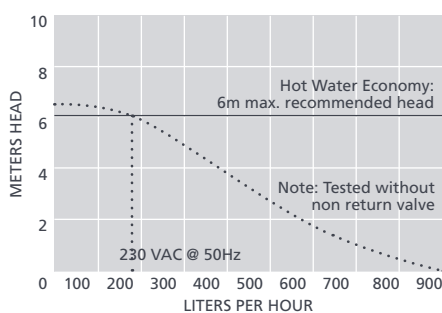
- Up to 1200kW / 4m Btu/h
- Humidifiers; Boilers; Refrigeration; Air handling units (AHUs)

✓ **Perfect for...** Hot water temperatures



### HOT WATER ECONOMY @ 230 VAC 50Hz

Max. flow	900L/h @ 0m head
Max. rec. head	6m
Tank capacity	4L
dB(A) @ 1m	60
Power supply	230 VAC, 1.5A, 50Hz
Rated	Non continuous
Class	I appliance
Max. unit output	1200kW / 4m Btu/h
Max. water temp	100°C / 212°F
Inlet/outlet size	x2 40mm in, 10mm out
IP Protection	IP20
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a



### HOT WATER ECONOMY OPTIONS

Hot Water Economy	FP2092/2
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### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Tank pump connector 16mm–21mm	FP2011
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 3/8" (10mm)	AX5111



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

### IN THE BOX

- Hot Water Economy Pump • 2m power cable
- Install manual

Download manual at [aspenpumps.com](http://aspenpumps.com)

# Hot Water Heavy Duty

## CONDENSATE REMOVAL PUMP

The Hot Water Heavy Duty pump is designed to handle 80°C water and with an outstanding 1800L/h water flow rate. No job is too big!



1800L/h max. flow



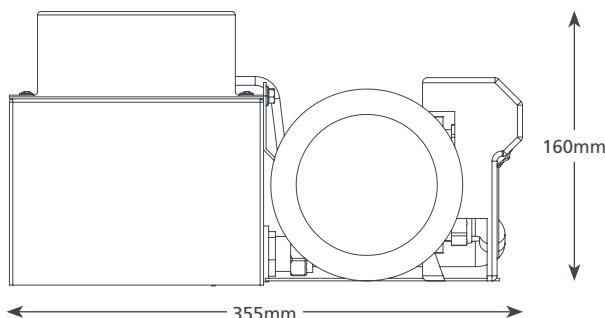
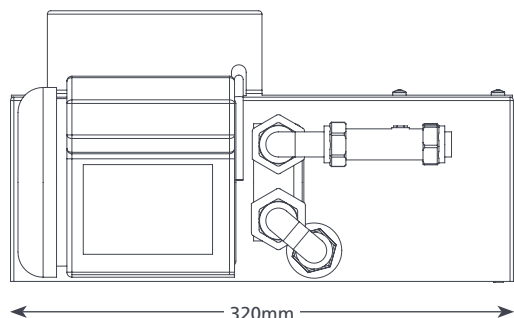
15m max. rec. head  
(flow rate 10L/h)

### KEY FEATURES

- High flow rate
- Handles 80°C water
- Non return valve
- Easy installation

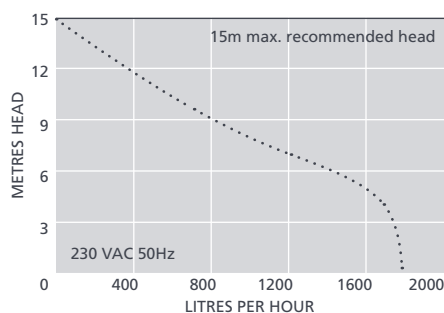
### SUITABILITY

- Up to 2400kW / 8m Btu/h
  - Air handling units (AHUs); Humidifiers, Boilers; Refrigeration
- ✓ **Perfect for...** Large volumes of hot water



### HOT WATER HEAVY DUTY @ 230 VAC 50Hz

Max. flow	1800L/h @ 0m head
Max. rec. head	15m
Tank capacity	5L
dB(A) @ 1m	63
Power supply	230 VAC, 1.5A, 50/60Hz
Rated	Continuously
Class	I appliance
Max. unit output	2400kW / 8m Btu/h
Max. water temp	80°C / 176°F
Inlet/outlet size	x2 40mm in, 15mm out
IP Protection	IP21
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Pipe to Pipe adaptor 21mm-40mm	FP2018



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

### HOT WATER HEAVY DUTY OPTIONS

Hot Water Heavy Duty	FP2132
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### IN THE BOX

- Hot Water Heavy Duty pump (including non-return valve)
- 2m power cable
- Install manual

Download manual at [aspenpumps.com](http://aspenpumps.com)

# Peristaltic pumps Moving forward

Our peristaltic pump range is the 'best of the best'. Offering unrivalled remote install possibilities, they can be placed up to 3 metres 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 that they can run dry, our peristaltic pump range is ideal for commercial remote applications.



Universal

✓ **Perfect for...**

Air temperature operation



Standard

✓ **Perfect for...**

230V Cooling unit  
signal operation



MK4

✓ **Perfect for...**

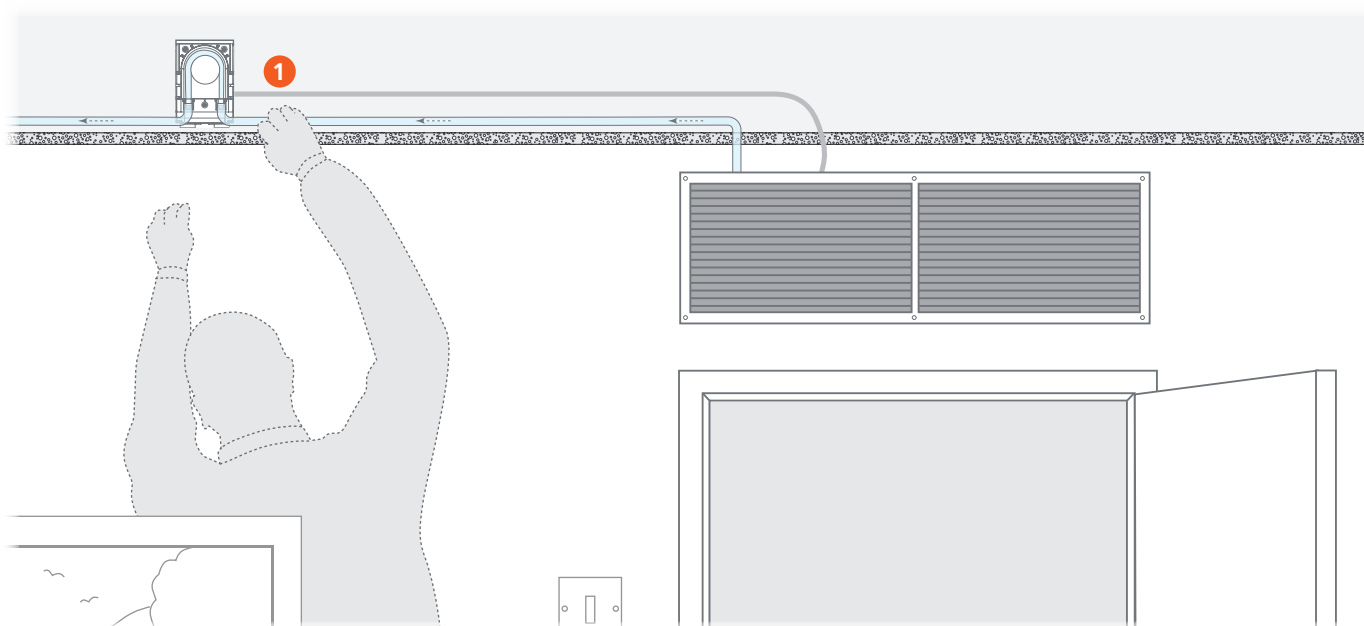
Drain pan water level  
sensor operation



Mechanical

✓ **Perfect for...**

Remote reservoir float  
switch operation



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

Information correct at time of going to press.

# Universal

## CONDENSATE REMOVAL PUMP



The top selling Universal is operated by two air temperature sensors. The peristaltic rotary movement creates a continuous pressure meaning the pump can be sited up to 3m away from the source with no effect in performance.



6.5L/h max. flow



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



### KEY FEATURES

- Air temp. sensor operated
- Remote install possible
- Pumps contaminated water
- Can run dry

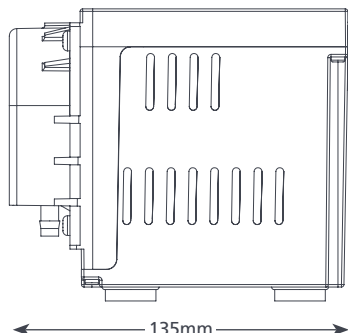
### SUITABILITY

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

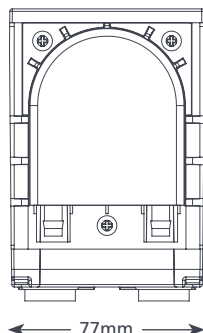
✓ **Perfect for...** Air temperature operation



1.35  
kg



135mm

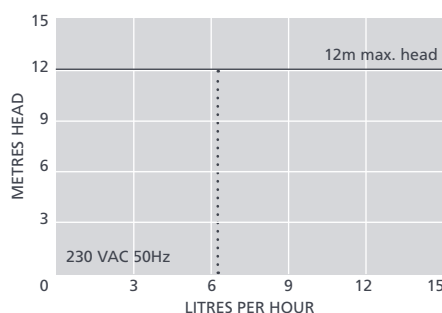


77mm

115mm

### UNIVERSAL @ 230 VAC 50Hz

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	✓



### UNIVERSAL OPTIONS

Universal

FP2082/2

### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Peri Spare Tube Kit	FP1282
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038



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

### IN THE BOX

Universal pump • 3m Plug & play power / sensor cable • Wall mounted bracket • Fixing kit • Install manual



Download manual at [aspenpumps.com](http://aspenpumps.com)



View install video at [aspenpumps.com](http://aspenpumps.com)

# Standard

## CONDENSATE REMOVAL 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

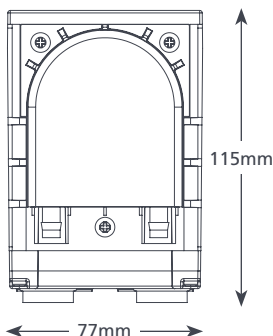
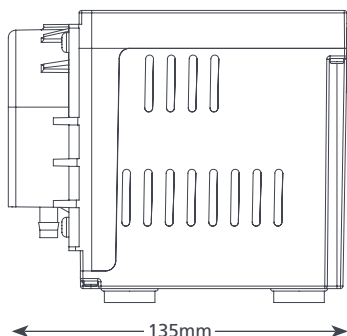
- AC cooling signal operated
- Remote install possible
- Pumps contaminated water
- Can run dry

### SUITABILITY

- Up to 8.5kW / 29,000Btu/h
- High wall split systems; Ducted units; Floor standing & Chassis units
- ✓ **Perfect for...** 230V Cooling unit signal operation

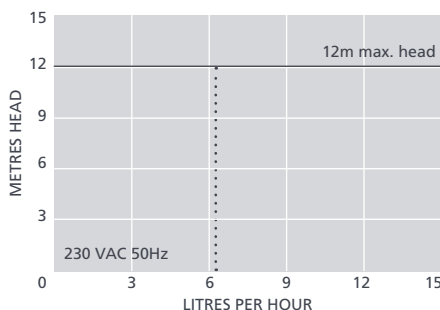


1.35  
kg



### STANDARD @ 230 VAC 50Hz

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

### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Peri Spare Tube Kit	FP1282
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038



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

### IN THE BOX

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



Download manual at [aspenpumps.com](http://aspenpumps.com)



View install video at [aspenpumps.com](http://aspenpumps.com)



# MK4

## CONDENSATE REMOVAL PUMP



The MK4 peristaltic is operated using two water sensors. The lower sensor comes into contact with water, the heat conductivity from that sensor provides a temperature difference between the second – energising the pump.



6.5L/h max. flow



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

### KEY FEATURES

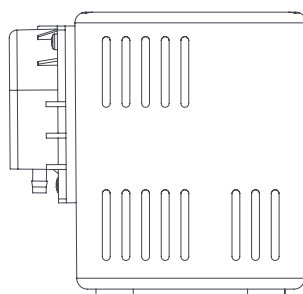
- Water sensor operated
- Remote install possible
- Pumps contaminated water
- Can run dry

### SUITABILITY

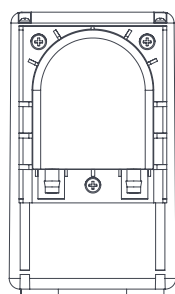
- Up to 8.5kW / 29,000Btu/h
  - High Wall Split Systems;  
Ducted units; Floor standing & Chassis units
- ✓ **Perfect for...** Drain pan water level sensor operation



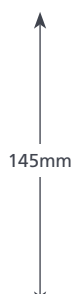
1.7  
kg



160mm



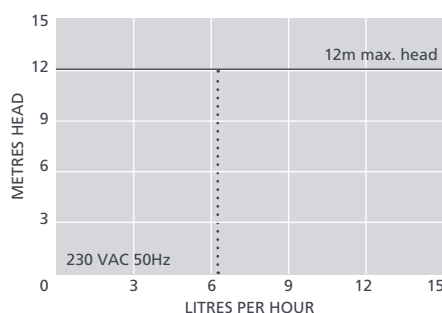
83mm



145mm

### MK4 @ 230 VAC 50Hz

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	✓



### MK4 OPTIONS

MK4

FP2080

### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Peri Spare Tube Kit	FP1282
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038



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

### IN THE BOX

MK4 pump • 2m Plug & play power cable • Wall mounted bracket • Fixing kit • Install manual



Download manual at [aspenpumps.com](http://aspenpumps.com)



View install video at [aspenpumps.com](http://aspenpumps.com)

# Mechanical

## CONDENSATE REMOVAL PUMP

Bringing mini pump and peristaltic pump technology together. Simply position the remote reservoir (float switch) in the condensate tray or fix to the drain-pipe connection (depending on chosen reservoir).



6.5L/h max. flow



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

### KEY FEATURES

- Float switch operated
- Remote install possible
- Submersible secondary reservoir included

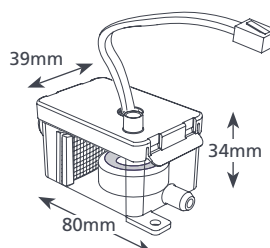
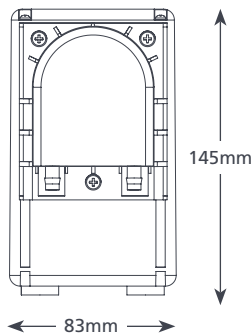
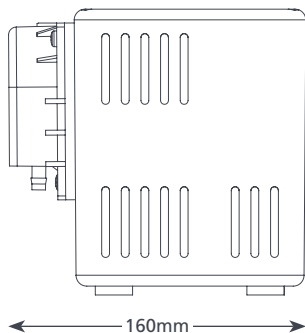
### SUITABILITY

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

✓ **Perfect for...** Remote reservoir float switch operation

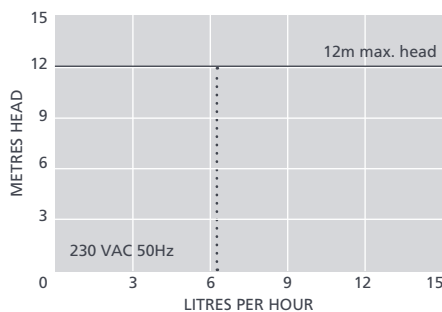


1.7  
kg



### MECHANICAL @ 230 VAC 50Hz

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	✓



### MECHANICAL OPTIONS

Mechanical

FP2078

### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Peri Spare Tube Kit	FP1282
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038



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

### IN THE BOX

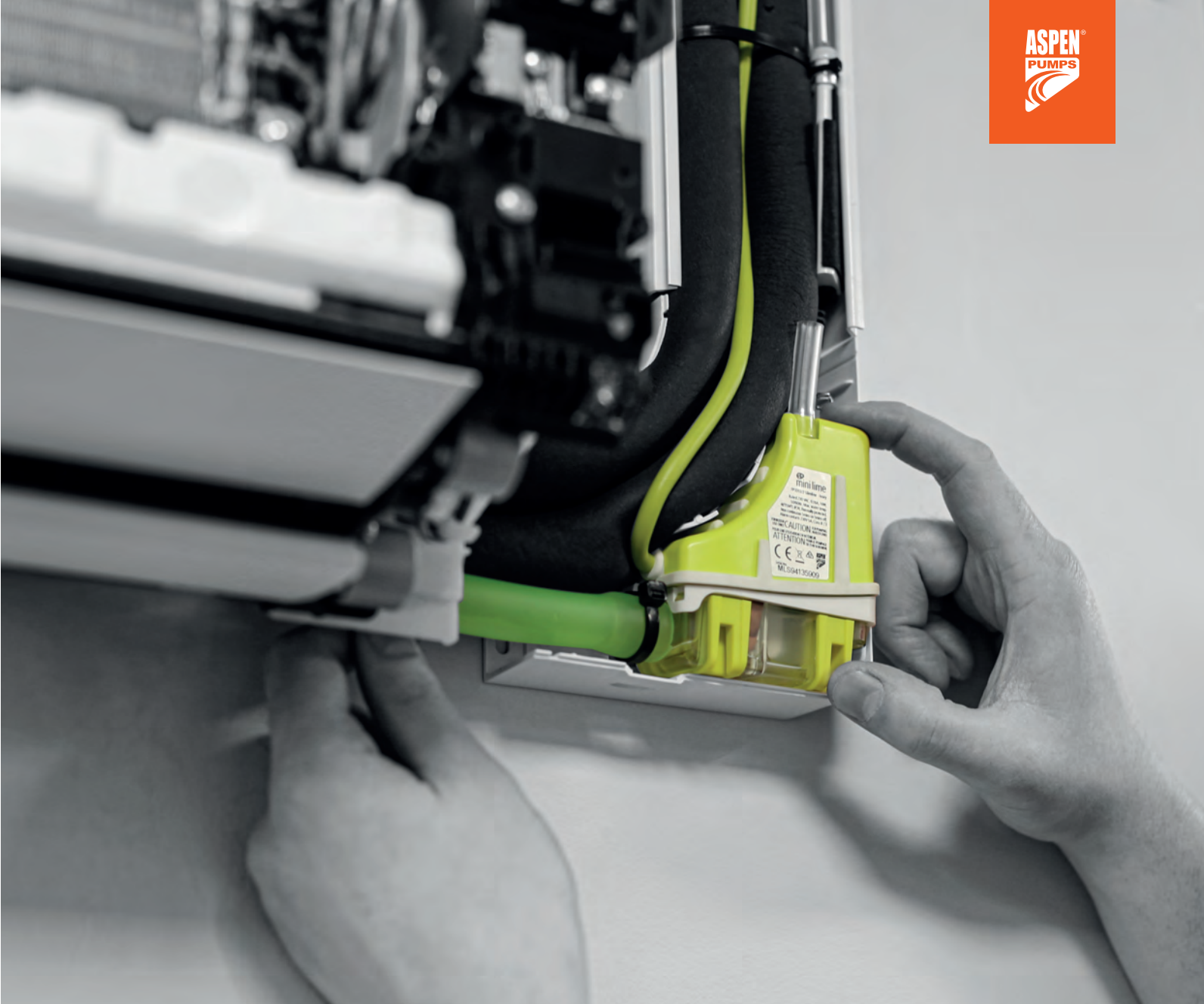
Mechanical pump • 2m Plug & play power cable • Reservoir • Reservoir lid with 3m Float switch cable • Submersible reservoir • Wall mounted bracket • Fixing kit • Install manual



Download manual at [aspenspumps.com](http://aspenspumps.com)



View install video at [aspenspumps.com](http://aspenspumps.com)



# 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.

- On & offsite training schools
- Online tutorials
- Technical helpline
- Educational marketing support
- Trade counter days & breakfast mornings

+44 (0) 1323 848842 [sales@aspenspumps.com](mailto:sales@aspenspumps.com)

# Supermarket pumps Leading the market

Designed for retail chiller cabinets, this range of pumps is extremely easy to install and maintain. Placed directly below the refrigeration unit they remove water during the defrost cycle. The Low Profile ERRP, ERRP and Cold Cabinet all feature a unique debris filter, whilst the Macerator features a filter blade to stop the pumps from clogging with food debris.



Macerator 4L & 10L

**✓ Perfect for...**

Handling food waste that may pass through the pump



Low Profile ERRP

**✓ Perfect for...**

Single & multiple refrigeration units



ERRP

**✓ Perfect for...**

Multiple refrigeration units



Low Profile Cold Cabinet

**✓ Perfect for...**

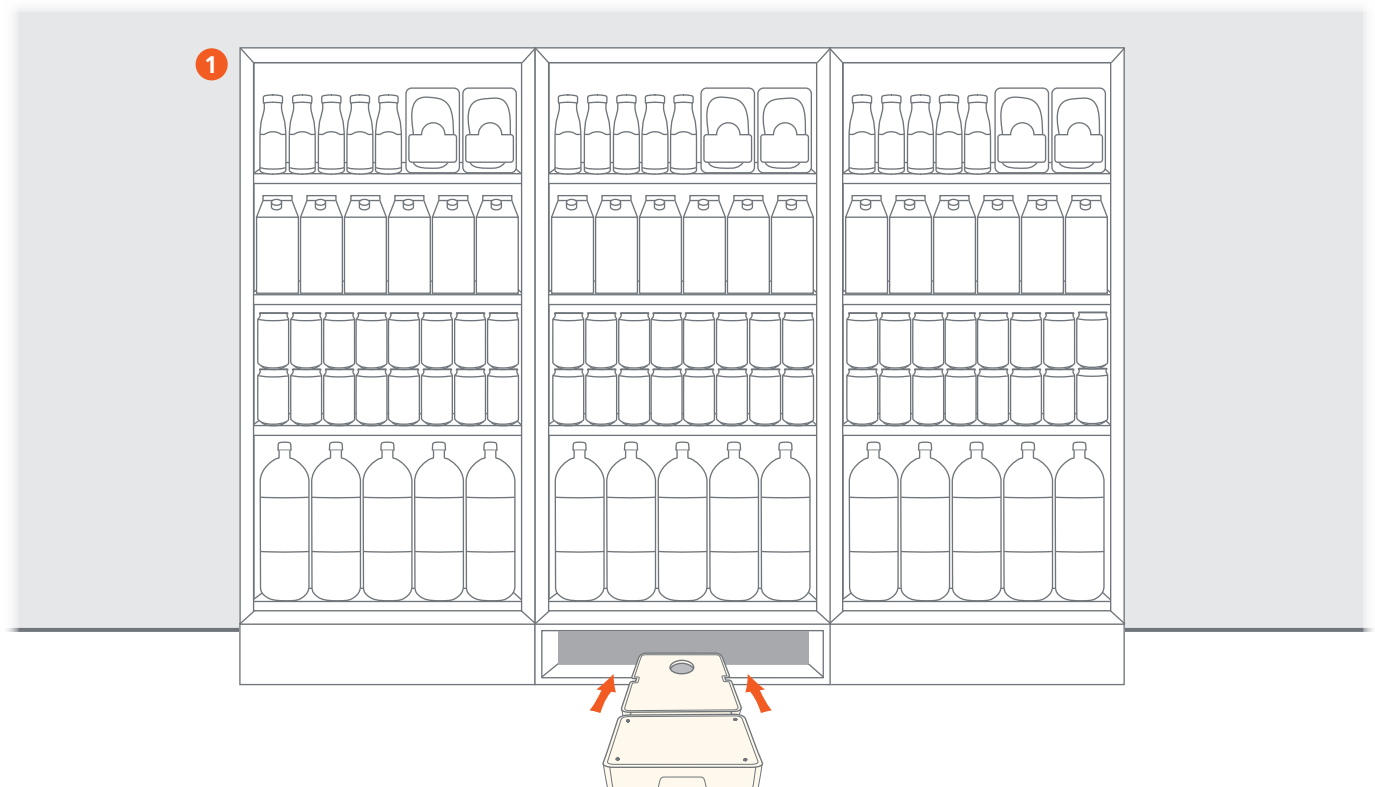
Refrigeration units with shallow access



Cold Cabinet

**✓ Perfect for...**

Multiple refrigeration units



**1** All our refrigeration pumps simply fit beneath the refrigeration unit

Information correct at time of going to press.



# Macerator 4L & 10L

## CONDENSATE REMOVAL PUMP

Designed to collect defrost water from multiple refrigeration cabinets. The internal filter blade prevents the pumps from clogging, allowing longer intervals between maintenance visits.



780L/h max. flow



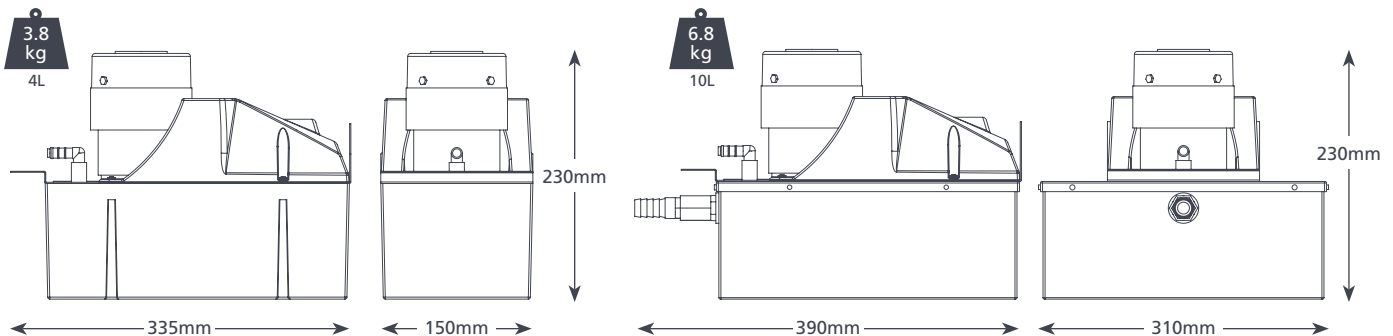
8.5m max. rec. head  
(flow rate 80L/h)

### KEY FEATURES

- Internal filter blade
- High flow & head
- Hi-level safety switch

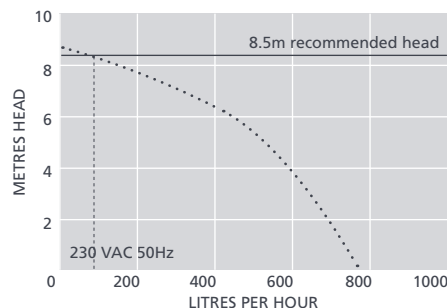
### SUITABILITY

- Single and multiple refrigeration units
- ✓ **Perfect for...** handling food waste that may pass through the pump



### MACERATOR 4L & 10L @ 230 VAC 50Hz

Max. flow	780L/h @ 0m head
Max. rec. head	8.5m
Tank capacity	4L & 10L
dB(A) @ 1m	64
Power supply	230 VAC, 0.38A, 50/60Hz
Rated	Non continuous
Class	I appliance
Max. unit output	n/a
Max. water temp	40°C / 104°F
Inlet/outlet	x2 40 & 55mm in, 10mm out
Additional inlet	3/4" in tank (10L only)
IP Protection	4L & 10L: IP21
Safety switch	4.0A Normally closed
Thermal protection	✓
Self priming	n/a



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 3/8" (10mm)	AX5101



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

### MACERATOR 4L & 10L OPTIONS

Macerator 4L	FP2305
Macerator 10L	FP2307

### IN THE BOX

Macerator 4L or 10L pump (including hard wired 2m power cable) • Install manual

Download manual at [aspenpumps.com](http://aspenpumps.com)

# Low Profile ERRP

## CONDENSATE REMOVAL PUMP

Designed exclusively to fit underneath retail refrigeration cabinets the lightweight plastic ERRP (Economical Retail Refrigeration Pump) allows for the removal of defrost and contaminated water.



190L/h max. flow



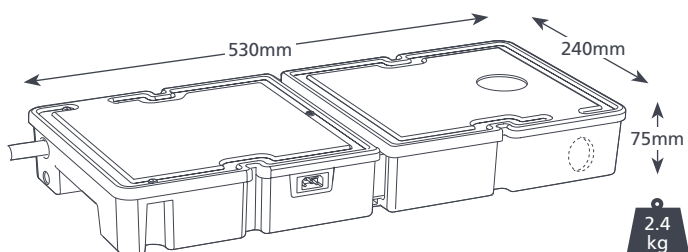
21m max. rec. head  
(flow rate 10L/h)

### KEY FEATURES

- Lightweight & slim
- Easy to clean and carry
- Filter to catch debris
- Plug & play

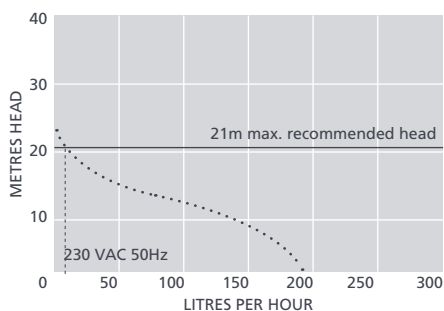
### SUITABILITY

- Refrigeration units; cold store cabinets
- ✓ **Perfect for...** Single & multiple refrigeration units



### LOW PROFILE ERRP @ 230 VAC 50Hz

Max. flow	190L/h @ 0m head
Max. rec. head	21m
Tank capacity	3.5L
dB(A) @ 1m	60
Power supply	230 VAC, 0.2A, 50/60Hz
Rated	Non continuous
Class	I appliance
Max. unit output	n/a
Max. water temp	40°C / 104°F
Inlet/outlet	50mm in, 10mm out
IP Protection	IP24
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 3/8" (10mm)	AX5101



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

### LOW PROFILE ERRP OPTIONS

Low Profile ERRP – top inlet	FP2597
Low Profile ERRP – side inlet	FP2805

### IN THE BOX

Low Profile ERRP pump • 2m Plug & play power cable • 1 1/2" BSP connector (for 40mm ID waste pipe)\* • Install manual

\* Side inlet only

Download manual at [aspenpumps.com](http://aspenpumps.com)

# ERRP

## CONDENSATE REMOVAL PUMP

Made of robust plastic, the lightweight ERRP (Economical Retail Refrigeration Pump) effectively pumps away defrost water and filters debris.



225L/h max. flow



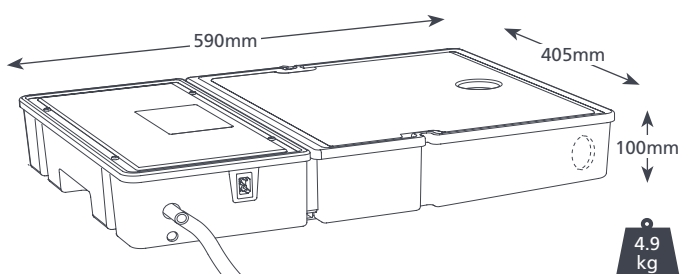
35m max. rec. head  
(flow rate 25L/h)

### KEY FEATURES

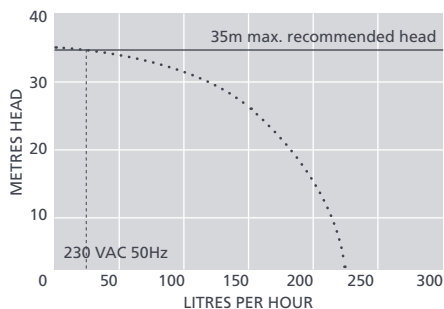
- Top & side inlet options
- Easy to clean & carry
- Filter to catch debris
- Plug & play

### SUITABILITY

- Refrigeration units;  
cold store cabinets
- ✓ **Perfect for...** Multiple  
refrigeration units



ERRP @ 230 VAC 50Hz	
Max. flow	225L/h @ 0m head
Max. rec. head	35m
Tank capacity	11L
dB(A) @ 1m	60
Power supply	230 VAC, 0.2A, 50/60Hz
Rated	Non continuous
Class	I appliance
Max. unit output	n/a
Max. water temp	40°C / 104°F
Inlet/outlet	50mm in, 10mm out
IP Protection	IP24
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 3/8" (10mm)	AX5101



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

### ERRP OPTIONS

ERRP – top inlet	FP2318
ERRP – side inlet	FP2320

### IN THE BOX

ERRP pump • 2m Plug & play power cable  
• 1 1/2" BSP connector (for 40mm ID waste pipe)\* • Install manual

\* Side inlet only

Download manual at [aspenpumps.com](http://aspenpumps.com)

# Low Profile Cold Cabinet

## CONDENSATE REMOVAL PUMP

Made from robust stainless steel, this pump is extremely easy to install and maintain. With a feature designed to keep waterways moving, reducing the opportunity for biofilm to settle, the pump is placed directly below retail refrigeration cabinets removing condensate during the defrost cycle.



700L/h max. flow



20m max.  
(flow rate 10L/h)

### KEY FEATURES

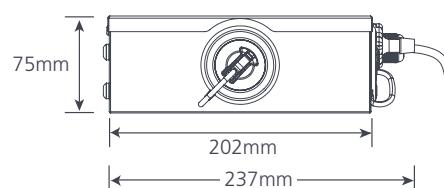
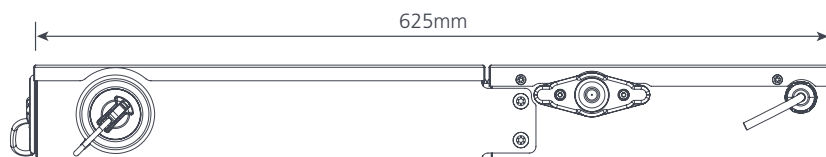
- Integrated jet flow dispersal system to reduce biofilm build up
- Robust, abrasion resistant stainless steel casing
- Multiple inlets for flexible installation (top, end & both sides)
- Shallow 75mm height, lower than traditional dairy units
- Removable barbed brass outlet connector for ease of maintenance
- Highest performing Aspen refrigeration pump

### SUITABILITY

- Refrigeration units, OEM
- ✓ **Perfect for...**refrigeration units with shallow access

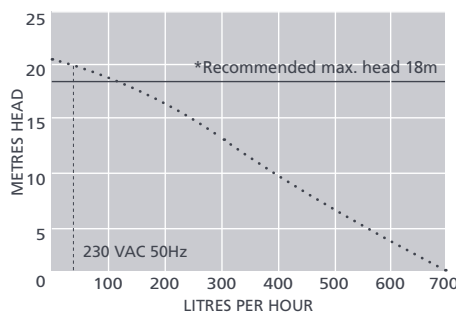


4.8  
kg



### LOW PROFILE COLD CABINET @ 230 VAC 50Hz

Max. flow	700L/h @ 0m head
Max. head	20m (Rec. max. 18m)
Tank capacity	4.6L
dB(A) @ 1m	60
Power supply	230 VAC, 0.6A, 50/60Hz
Rated	Non continuous
Class	I appliance
Max. unit output	1.59m Btu/h – 460kW
Max. water temp	40°C / 104°F
Inlet/outlet	4 x ø48mm holes with plugs with 3 x inlet plug assemblies
IP Protection	IP44
Safety switch	1A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a



### COLD CABINET OPTIONS

LP Cold Cabinet – top, end and both side inlets	FP3393
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### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 3/8" (10mm ID)	AX5101
Vinyl Tube Braided 1/2" (12mm ID)	AX5102



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

### IN THE BOX

- Low Profile Cold Cabinet pump • 3 x inlet plug assemblies • 1 x inline Non-return valve (NRV) • 1 x 1 1/2" waste connector for 40mm waste pipe • 1 x 3/8"-1/2" outlet pipe adaptor
- Install manual

Download manual at [aspenpumps.com](http://aspenpumps.com)



# Cold Cabinet

## CONDENSATE REMOVAL PUMP

A superior stainless steel refrigeration pump built to last. Designed to fit beneath refrigeration units, it pumps away defrost water and filters debris.



225L/h max. flow



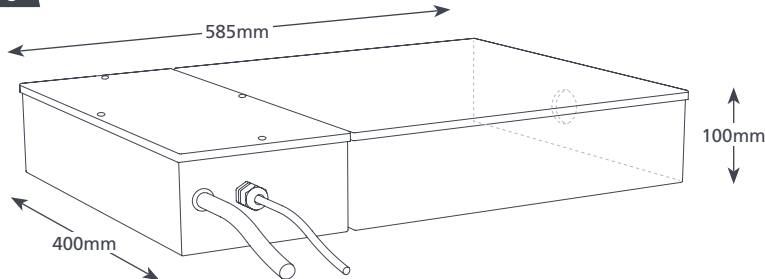
35m max. rec. head  
(flow rate 10L/h)

### KEY FEATURES

- Large reservoir
- Stainless steel case
- Plug & play

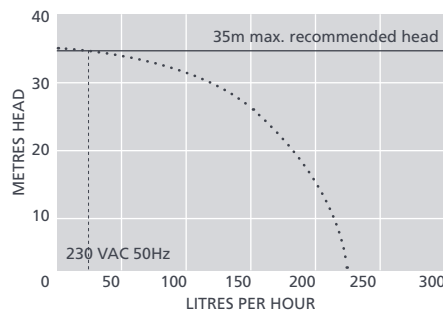
### SUITABILITY

- Single refrigeration units, OEM
- ✓ **Perfect for...**  
Refrigeration units, OEM



### COLD CABINET @ 230 VAC 50Hz

Max. flow	225L/h @ 0m head
Max. rec. head	35m
Tank capacity	11L
dB(A) @ 1m	60
Power supply	230 VAC, 0.38A, 50/60Hz
Rated	Non continuous
Class	I appliance
Max. unit output	n/a
Max. water temp	40°C / 104°F
Inlet/outlet	50mm in, 10mm out
IP Protection	IP21
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
1 Amp Fuse	FP2620
Tube To Soil Stack Adaptor	FP2038
Vinyl Tube Braided 3/8" (10mm)	AX5101



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

### COLD CABINET OPTIONS

Cold Cabinet – side inlet	FP2120
---------------------------	--------

### IN THE BOX

Cold Cabinet pump • 2m Plug & play power cable • 1 1/2" BSP connector (for 40mm ID waste pipe) • Install manual

Download manual at [aspenpumps.com](http://aspenpumps.com)

# Boiler pumps

## The perfect partnership

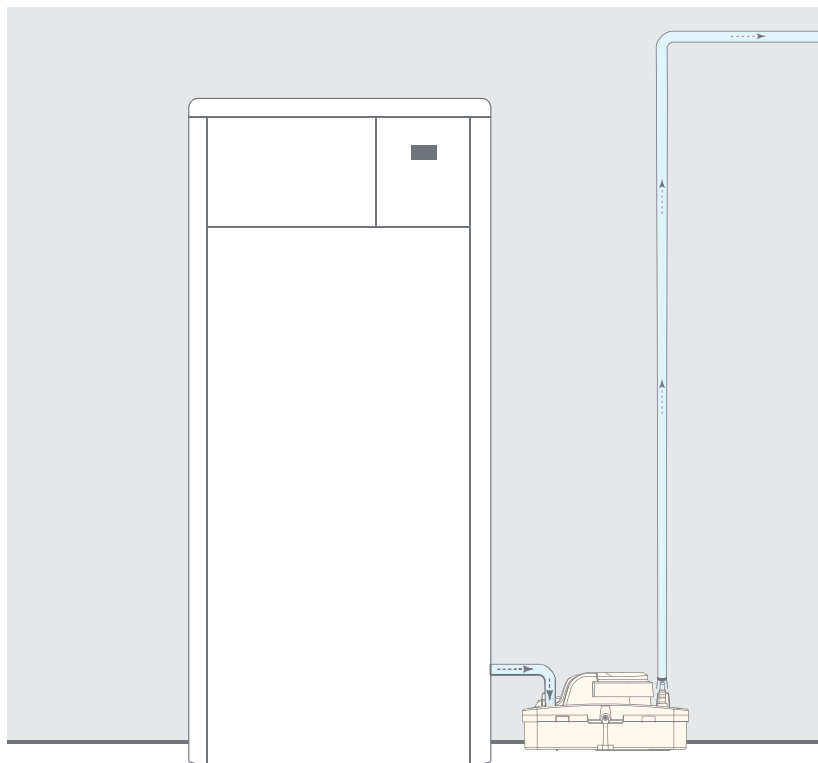
A condensing boiler is a high efficiency boiler that recycles and takes heat from the exhaust gases leaving excess water. Our high performance boiler pumps remove this excess water offering excellent performance, easy inspection and great aesthetics.



Hi-Capacity

### Perfect for...

Larger domestic commercial gas  
& oil fired condensing boilers



- 1 Kitchen boiler pump wall mounted beneath boiler.
- 2 Hi-Capacity boiler pump floor mounted next to floor standing boiler.

# Hi-Capacity

## CONDENSATE REMOVAL PUMP



This high efficiency boiler pump offers unsurpassed performance and is ideal for commercial boiler applications.



550L/h max. flow



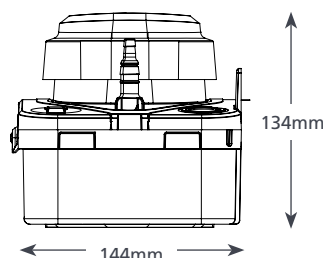
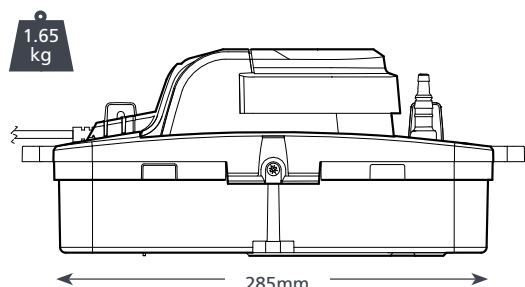
5m max. rec. head  
(flow rate 10L/h)

### KEY FEATURES

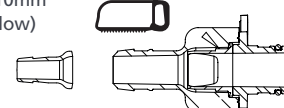
- Easy access tank
- Twist & click non return outlet barb
- Built-in spirit level
- Plug & play

### SUITABILITY

- Up to 200kW / 682,000Btu/h with condensate PH value >2.2
- ✓ **Perfect for...** Larger domestic commercial gas & oil fired condensing boilers



Non-return valve can be cut from 6mm to 10mm (see graphs below)



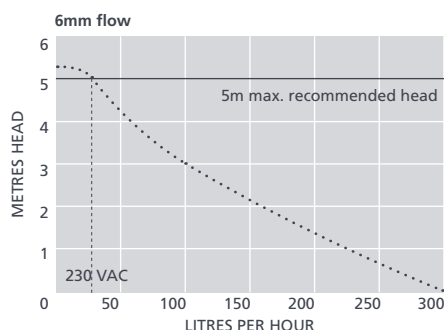
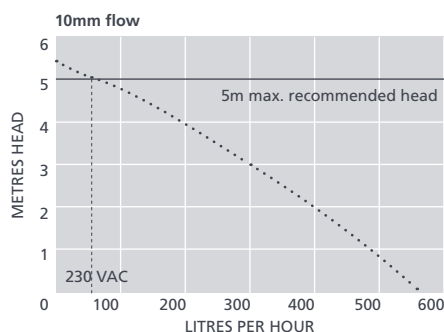
### HI-CAPACITY OPTIONS

Hi-Capacity

FP3357

### HI-CAPACITY @ 230 VAC 50Hz

Max. flow	550L/h @ 0m head
Max. rec. head	5m
Tank capacity	1.7L
dB(A) @ 1m	44
Power supply	230 VAC, 0.8A, 50Hz
Rated	Non continuous
Class	I appliance
Max. unit output	200kW / 682,000 Btu/h
Max. water temp	60°C / 140°F
Inlet/outlet	x4 21-27mm in, 6-10mm out
IP Protection	IP24
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	n/a
Self priming	n/a



### SUGGESTED XTRA ACCESSORIES

Description	Part No.
Tube To Soil Stack Adaptor	FP2038
1 Amp Fuse	FP2620
Vinyl Tube Braided 1/4" (6mm)	AX5100
Vinyl Tube Braided 3/8" (10mm)	AX5101



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

### IN THE BOX

Hi-Capacity boiler pump • 2m Plug & play power cable • 6m discharge tube (10mm ID)  
• Pipe adaptor • Fixing kit • x4 feet • Install manual

Download manual at [aspenpumps.com](http://aspenpumps.com)

Information correct at time of going to press.

# A pump for every application

All A/C systems require the removal of condensate water (generated by the evaporator) in an effective and safe way. The condensate amount can vary depending on the type of environment that the unit is placed in. That's why Aspen Pumps have developed a pump to suit all installation types.

## Living room - Silent+ Mini Aqua®

A/C system type: Mini wall split.

Considerations: Quiet, aesthetically pleasing.

Air quality: Pet hair, dust, skin, microorganisms.



## Glass buildings - Silent+ Mini Orange®

A/C system type: Mini wall split.

Considerations: Glass walls, hung ceilings, shallow ceiling voids.

Air quality: Dust, skin, microorganisms.



## Urban offices - Silent+ Mini Lime®

A/C system type: Mini wall split.

Considerations: Partitions, retrofit, existing service equipment & channels.

Air quality: Fumes, dust, skin & microorganisms.



## Office Canteens - Mini Blanc®

A/C system type: Mini wall split.

Considerations: Easy access for maintenance.

Air quality: Grease, high humidity.



## Galleries & Museums - Mini Tank

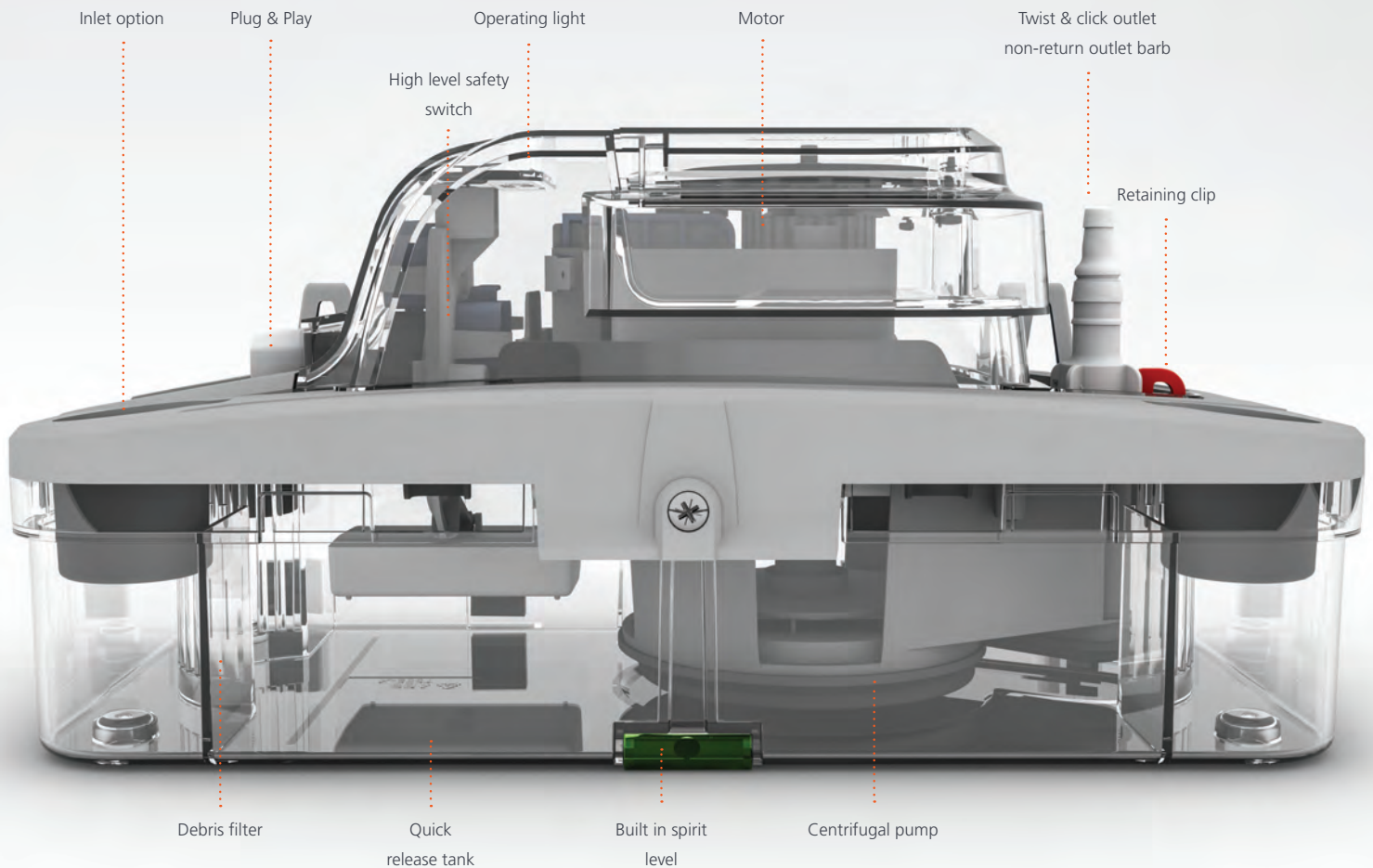
A/C system type: Ducted wall unit.

Considerations: Shallow ceiling voids, concrete ceilings, historic buildings.

Air quality: Dust, skin, microorganisms.







# Built to be the best

So why should you choose a condensate pump? Traditionally, removing condensate water from an air conditioning unit is an inflexible and often unattractive challenge.

## INSTALLATION FLEXIBILITY

We understand that flexibility is key when considering your installation. Gravity drainage can often bring limitations on placement of the unit – indoor or outdoor. Condensate removal pumps allow optimum positioning and aesthetics in any installation, without losing out on efficiency or performance. Aspen Pumps give ultimate installation flexibility whatever the application.



## THE ONLY OPTION

Sometimes gravity drainage just isn't an option. Removal of condensate water in spaces such as basements, shallow ceiling voids and glass buildings never need to be a problem again. Maintenance is easy, and with a wide range of pumps to choose from, service, relocation or replacement is stress-free. As engineers, we understand that your time is precious, so we take the time to get it right for you.



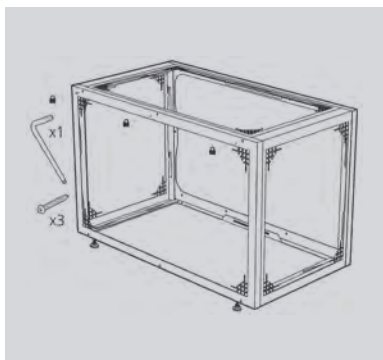
## A PROFESSIONAL INSTALL

Condensate removal pumps ensure a professional, aesthetically pleasing installation every time. With easy access for maintenance, a pump ensures that air conditioning units are placed where requested with no unsightly pipework. The condensate water can be effectively managed to the relevant source such as a soil stack or grey water tank, ensuring a professional finish everytime.





Aspen Xtra represents the largest range of installer ancillaries on the market – from Isolators to pipe connectors, wall brackets to vinyl tubing – whatever you need, reach for Xtra.



# Contents


Pipe Support	50-64
Controls	65-66
Portables	67
Condenser Support	68-72
Condensate Management	73-78
Ancillaries	80-81






# Pipe Fixings Selector



 Refrigeration	Range size	Holds copper pipe	Holds insulated pipe	Mounting method	Vertical support	Horizontal support	Fire sensitive zone
QPC	1/4" – 1 5/8"	•		Channel	•	•	
Insulclamp	1/4" – 4 1/8"	•		Channel	•	•	•
Channel Clips	1/4" – 2 1/8"	•	•	Channel	•	•	
Stud Clip M8	1/4" – 2 1/8"	•	•	8mm Stud		•	
Stud Clip M8 3 1/8"	3 1/8"		•	8mm Stud		•	
Stud Clip M10	1/4" – 2 1/8"	•	•	10mm Stud		•	
Barb Clip	7/8" – 1 3/8"		•	Surface		•	
Nail Clip	1 – 1 5/8"		•	Surface		•	
Pipe Ties	250 – 400mm			Surface	•	•	

 Air conditioning	Range size	Holds copper pipe	Holds insulated pipe	Mounting method	Vertical support	Horizontal support	Fire sensitive zone
QPC	1/4" – 1 5/8"	•		Channel	•	•	•
Insulclamp	1/4" – 4 1/8"	•		Channel	•	•	•
Metal Hanger	3/8", 1/2", 5/8"		•	8/10mm Stud		•	•
Pinch Clip	1/2", 5/8", 3/4"		•	8/10mm Stud and Surface		•	•
Stud Clip (2 pipe)	1/2" – 1 1/8"		•	8mm Stud		•	
3 Pipe Clip	3/8" – 1 5/8"		•	8/10mm Stud and Surface		•	•
Plastic Hanger	3/8" – 1 1/8"		•	8/10mm Stud		•	
Grip Lock	1/4" – 1 1/8"		•	Surface		•	•
Barb Clip (2 pipe)	7/8" – 1 3/8"		•	Surface	•	•	•
Pipe Ties	250 – 400mm			Surface		•	



# Quick Positioning Clip

A simple twist and clip channel clip ideal for air conditioning and refrigeration installations.



Channel



Rod



Surface

## KEY FEATURES

- Easy installation into 40mm x 40mm and 40mm x 20mm channel
- External diameter matches diameter of pipes with 9mm insulation
- Excellent resistance to oil
- Helps dampen noise and vibrations

## SPECIFICATIONS

Materials of construction	Nylon
Max. temp	70°C
Max. rec. distance per clip	1.2m

Compatible with Fix-it Foot from Big Foot Systems



Aluminium Channel (3m lengths) available:  
Part No. B6023

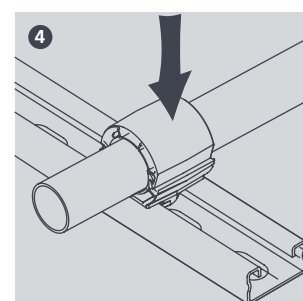
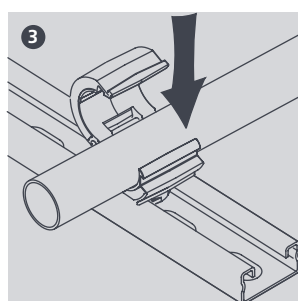
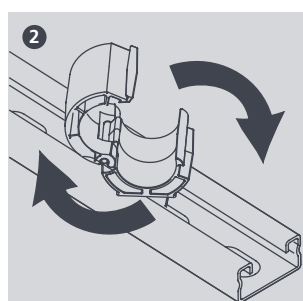
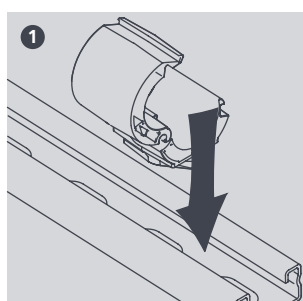


## SIZING OPTIONS

Size	Max. Unsupported Span (m)	Height Above Channel (mm)	Part No. (Plastic Bag)	Pack Qty (Plastic Bag)
1/4"	1.2	21	B6445	10
3/8"	1.2	24	B6447	10
1/2"	1.2	27	B6444	10
5/8"	1.2	31	B6448	10
3/4"	1.2	34	B6446	10
7/8"	1.2	37	B6449	10
1 1/8"	1.2	43	B6442	10
1 3/8"	1.2	50	B6443	10
1 5/8"	1.2	56	B6538	10



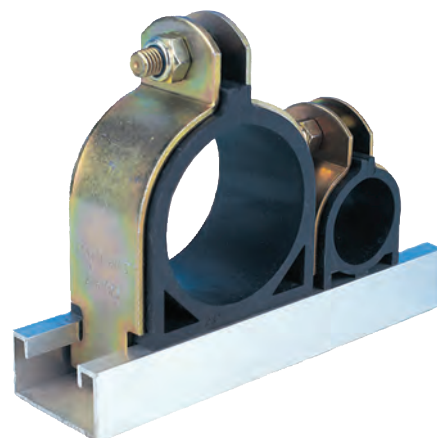
For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)





# Insulclamp

Channel clip ideal for bigger commercial air conditioning and refrigeration installations.



Channel



Rod



Surface

## KEY FEATURES

- Easy installation into 40mm x 40mm and 40mm x 20mm channel
- Insulates against heat loss and reduces vibration
- Quick to install with lock nuts
- Fits into shallow void
- Supports individual pipes into a thermo-rubber cushion between two metal plates
- Thermo-rubber cushion insert withstands maximum temperature of 130°C (zinc bracket 1000°C)

## SPECIFICATIONS

Materials of construction	Zinc passivated steel with rubber cushion
Max. temp	130°C
Max. rec. distance per clip	1.2m

## OTHER PROPERTIES

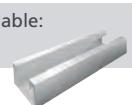
Thermal conductivity	K = 0.27 W/m/°C
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Compatible with Fix-it Foot from Big Foot Systems



Aluminium Channel lengths available:  
Part No. B6023 (3m), B6000 (1m)

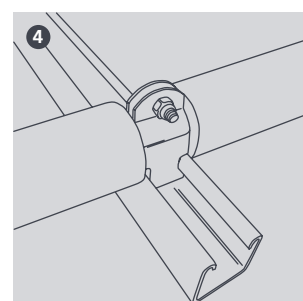
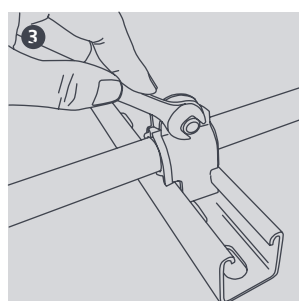
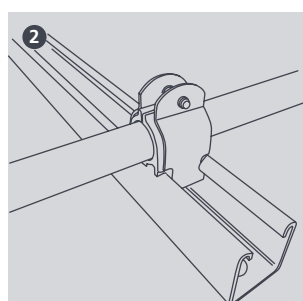
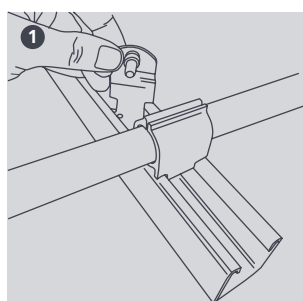


## SIZING OPTIONS

Size	Max. Unsupported Span (m)	Height Above Channel (mm)	Part No. (Plastic Bag)	Pack Qty (Plastic Bag)
1/4"	1.2	32	B6268	10
3/8"	1.2	35	B6274	10
1/2"	1.2	38	B6267	10
5/8"	1.2	41	B6276	10
3/4"	1.2	44	B6273	10
7/8"	1.2	47	B6277	10
1 1/8"	1.2	54	B6264	10
1 3/8"	1.2	60	B6265	10
1 5/8"	1.2	76	B6266	10
2 1/8"	1.2	92	B6269	5
2 5/8"	1.2	98	B6270	5
3 1/8"	1.2	117	B6271	5
3 5/8"	1.2	130	B6272	5
4 1/8"	1.2	143	B6275	5



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)



# Channel Clip

Unique ratchet design ensures quick installation with good hold both vertically and horizontally.



Channel



Rod



Surface

## KEY FEATURES

- Easy installation into 40mm x 40mm and 40mm x 20mm channel
- Unique lockable ratchet design
- Fits metric and imperial pipe sizing
- Quick to fit over insulated pipes
- Safety lock ensure that the correct pressure is applied to hold both pipe and insulation

## SPECIFICATIONS

Materials of construction	Nylon
Max. temp	+70°C
Max. rec. distance per clip	1.2m

Aluminium Channel lengths available:  
Part No. B6023 (3m), B6000 (1m)

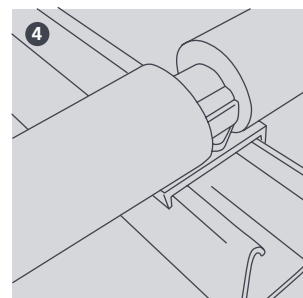
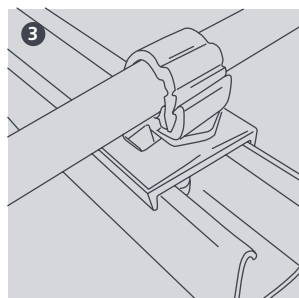
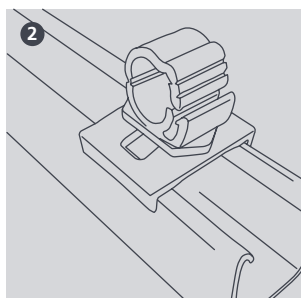
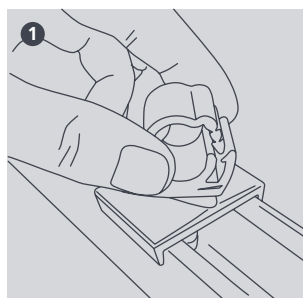


## SIZING OPTIONS

Size	6mm	9mm	Lagging 13mm	19mm	Part No.	Pack Qty
6mm (1/4")					B6842	10
10mm (3/8")					B6844	10
13mm (1/2")					B6843	10
16mm (5/8")					B6845	10
19mm (3/4")	1/4"				B6846	10
22mm (7/8")	3/8"				B6847	10
25mm (1")	1/2"	1/4"			B6848	10
28mm (1 1/8")	5/8"	3/8"			B6849	10
32mm (1 1/4")	3/4" 7/8"	1/2" 5/8"	1/4"		B6850	10
35mm (1 3/8")		3/4"	3/8" 1/2"		B6851	10
38mm (1 1/2")	1 1/8"	7/8"	5/8"		B6852	10
41mm (1 5/8")	1 3/8"	1 1/8"	3/4" 7/8"	1/4" 3/8"	B6853	10
50mm (2")				1/2"	B6854	10
55mm (2 1/8")	1 5/8"	1 3/8" 1 5/8"	1 1/8" 1 3/8"	5/8" 3/4" 7/8"	B6855	10



For further details please refer to  
our website [aspenpumps.com](http://aspenpumps.com)



# Metal Hanger

A rod clip ideal for supporting air conditioning line set pairs.



Channel



Rod



Surface

## KEY FEATURES

- Fits on both M8 and M10 studding
- Zinc passivated to resist corrosion
- Rapid 2 pipe installation
- Ideal for when you need to meet fire regulations
- Avoids the need for cable trays

## SPECIFICATIONS

Materials of construction	Zinc passivated mild steel
Max. temp	1000°C
Max. rec. distance per clip	1.2m

## SIZING OPTIONS

Description	Liquid*	Gas*	Part No.	Pack Qty
2	3/8"	5/8"	B6492	10
3	1/2"	7/8"	B6493	10
4	5/8"	1 1/8"	B6494	10

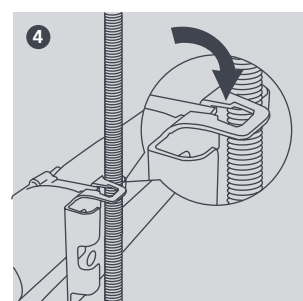
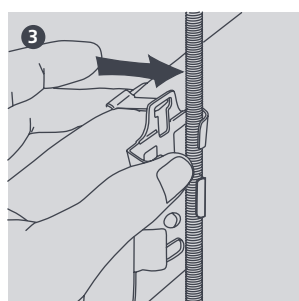
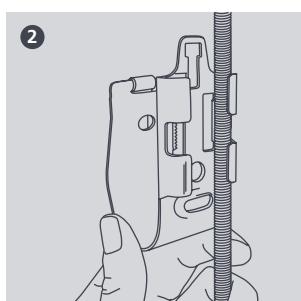
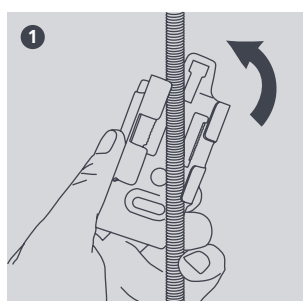
\* Approximate pipe sizes (allowing for insulation)



Material: BS EN 10230:2006. Coating: BS EN 12329:2000



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)





# Stud Clip

Unique ratchet design ensures quick installation and adjustment.



Channel



Rod



Surface

## KEY FEATURES

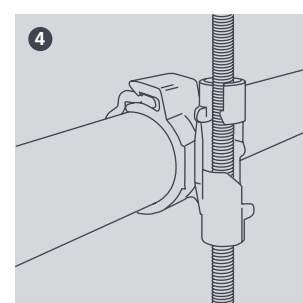
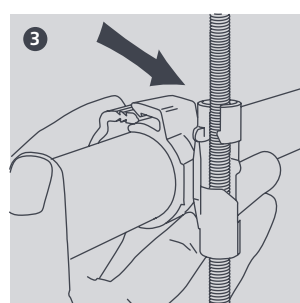
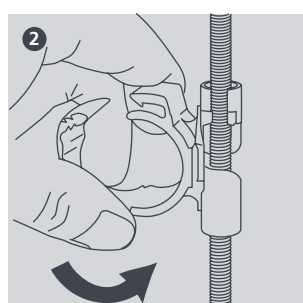
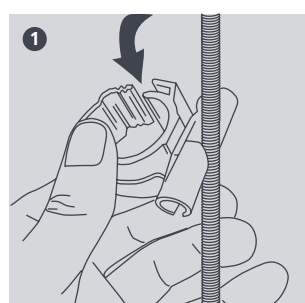
- Available for M8 and M10 studding
- Fast fixing direct to studding
- Simple to install, adjust and relocate
- Fits metric and imperial pipe sizes

SPECIFICATIONS	
Materials of construction	Nylon
Max. temp	70°C
Max. rec. distance per clip	1.2m

SIZING OPTIONS					M8		M10	
Size	6mm	9mm	13mm	19mm	Part No.	Pack Qty	Part No.	Pack Qty
1/4"					B6800	10	B6814	10
3/8"					B6802	10	B6816	10
1/2"					B6801	10	B6815	10
5/8"					B6803	10	B6817	10
3/4"	1/4"				B6804	10	B6818	10
7/8"	3/8"				B6805	10	B6819	10
1"	1/2"	1/4"			B6806	10	B6820	10
1 1/8"	5/8"	3/8"			B6807	10	B6821	10
1 1/4"	3/4"	7/8"	1/2"	5/8"	B6808	10	B6822	10
1 3/8"		3/4"	3/8"	1/2"	B6809	10	B6823	10
1 1/2"	1 1/8"	7/8"	5/8"		B6810	10	B6824	10
1 5/8"	1 3/8"	1 1/8"	3/4"	7/8"	B6811	10	B6825	10
2"				1/2"	B6812	10	B6826	10
2 1/8"	1 5/8"	1 3/8"	1 5/8"	1 1/8"	B6813	10	B6827	10



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)





# Stud Clip M8 3<sup>1</sup>/<sub>8</sub>" and 2 Pipe

A new range of stud clips that are ideal for refrigeration and air conditioning systems.



Channel



Rod



Surface

## KEY FEATURES (STUD CLIP M8 3<sup>1</sup>/<sub>8</sub>" )

- The Stud Clip M8 3<sup>1</sup>/<sub>8</sub>" is ideal for refrigeration pipework with a versatile ratchet from 54mm to 80mm pipe sizes
- Fast fixing direct to studding
- Fits metric and imperial pipe sizes

## KEY FEATURES (2 PIPE)

- Offers horizontal support for pipe sets on air conditioning systems
- Available for M8 and M10 studding
- Simple to install, adjust and relocate
- Secure extendable ratchet closure
- Clip encloses both line set and cables

### SPECIFICATIONS

Materials of construction	Nylon
Max. temp	70°C
Max. rec. distance per clip	1.2m

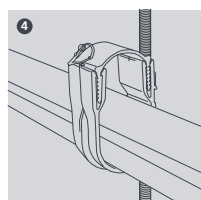
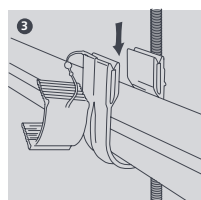
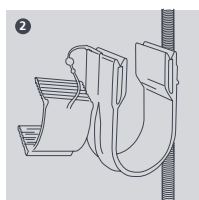
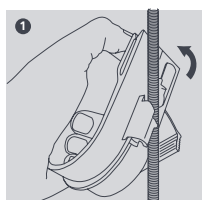
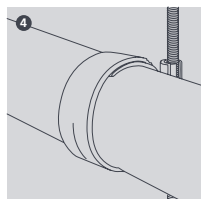
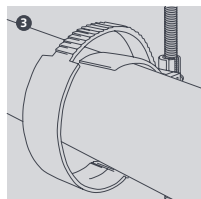
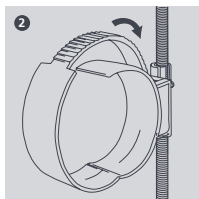
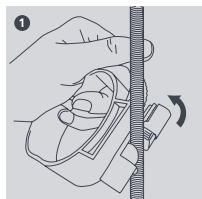
### SIZING OPTIONS

Size	Part No.	Pack Qty
Stud Clip 80mm (3 <sup>1</sup> / <sub>8</sub> " )	B7200	5
M8 2 pipe 1/2" – 7/8" to 5/8" – 1 1/8"	B7205	5
M10 2 pipe 1/2" – 7/8" to 5/8" – 1 1/8"	B7210	5

Approximate pipe sizes (allowing for 13mm insulation)



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)



# Plastic Hanger

This dual stud size clamping system will fit securely to both M8 and M10 studding.



Channel



Rod



Surface

## KEY FEATURES

- Easy installation
- Fits on both M8 and M10 studding
- Avoids the need for cable tray
- Adjustable clipping mechanism


## SPECIFICATIONS

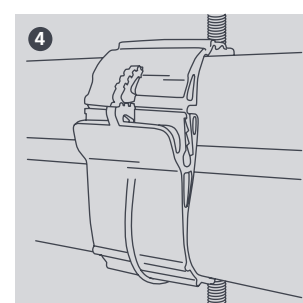
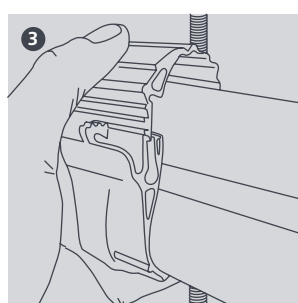
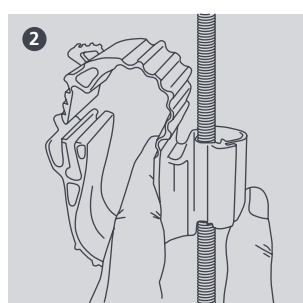
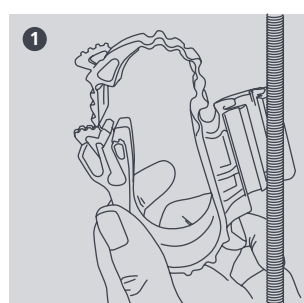
Materials of construction	Nylon
Max. temp	70°C
Max. rec. distance per clip	1.2m

## SIZING OPTIONS

Description	Liquid*	Gas*	Rod Fitting Size	Part No.	Pack Qty
P2	3/8"	5/8"	8-10mm drop	B6543	5
P3	1/2"	7/8"	8-10mm drop	B6544	5
P4	5/8"	1 1/8"	8-10mm drop	B6545	5
P2	3/8"	5/8"	6-8mm drop	B6715	5
P3	1/2"	7/8"	6-8mm drop	B6716	5
P4	5/8"	1 1/8"	6-8mm drop	B6717	5

\* Approximate pipe sizes (allowing for insulation)

 For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)



# Pinch Clip

The Xtra Pinch Clip rod clip is ideal for air conditioning line set pairs.



Channel



Rod



Surface

## KEY FEATURES

- Pinch Clip locates quickly to M8 and M10 studding
- Robust metal construction
- Snap shut lid secures pipe set
- Quick and easy pipe installation
- Wide metal construction for greater pipe support
- Can also be used for surface mount
- Ideal for when you need to meet fire regulations

## SPECIFICATIONS

Materials of construction	Powder coated mild steel
Max. temp	1000°C
Max. rec. distance per clip	1.2m

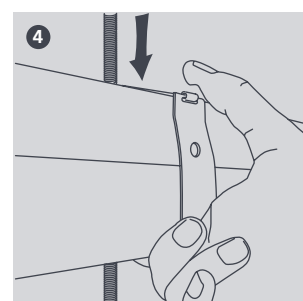
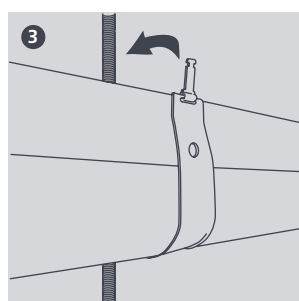
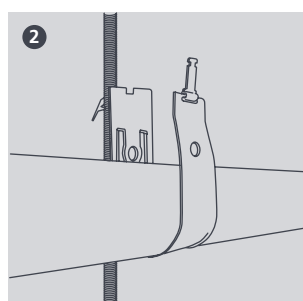
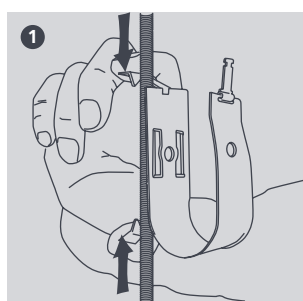
## SIZING OPTIONS

Description	Liquid*	Gas*	Part No.	Pack Qty
2	3/8"	5/8"	B6561	10
3	1/2"	7/8"	B6562	10
4	5/8"	1 1/8"	B6563	10

\* Approximate pipe sizes (allowing for insulation)



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)





# 3 Pipe Clip

The uniquely designed Xtra 3 Pipe Clip provides support for VRV/VRF systems pipework.



Channel



Rod



Surface

## KEY FEATURES

- Available for a wide range of pipe group sizes
- Locates to M8 and M10 studding
- Wide metal arms for greater pipe support
- No need for cable tray
- Hinge security cover plate fastens with one screw
- Can also be used for surface mount pipe support

## SPECIFICATIONS

Materials of construction	Powder coated mild steel
Max. temp	1000°C
Max. rec. distance per clip	1.2m

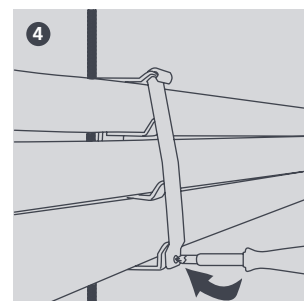
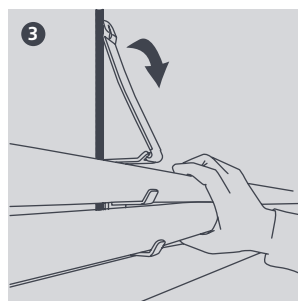
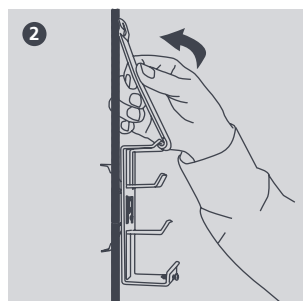
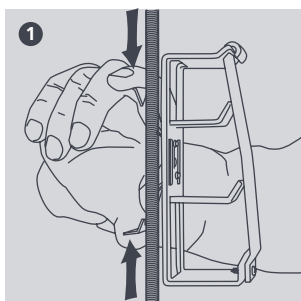
## SIZING OPTIONS

Description	Pipe groups from	Pipe groups to	Part No.	Pack Qty
1	3/8" 5/8" 3/4"	1/2" 3/4" 1"	B6361	5
2	1/2" 1 1/8" 3/4"	5/8" 1" 1 1/8"	B6362	5
3	5/8" 1 1/8" 1 1/8"	3/4" 1 3/8" 1 1/8"	B6363	5
4	7/8" 1 3/8" 1 1/8"	3/4" 1 5/8" 1 3/8"	B6364	5

Approximate pipe sizes (allowing for 13mm insulation)



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)





PIPE SUPPORT

# Barb Clips

Ideal for horizontal support on refrigeration installations.



Channel



Rod



Surface

## KEY FEATURES

- Fast fixing directly into a 10mm hole without the need for screws or plugs
- Unique lockable ratchet design
- Fits metric and imperial pipe

## SPECIFICATIONS

Materials of construction	Nylon
Max. temp	70°C
Max. rec. distance per clip	1.2m

## SIZING OPTIONS

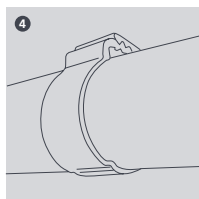
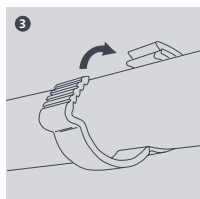
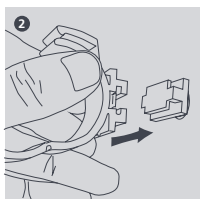
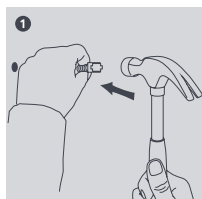
Size	Part No.	Pack Qty
22mm (7/8")	B7006	10
28mm (1 1/8")	B7008	10
32mm (1 1/4")	B7009	10
35mm (1 3/8")	B7010	10
2 pipe (1/2" - 7/8" to 5/8" - 1 1/8")	B7300	5

Approximate pipe sizes (allowing for 13mm insulation)

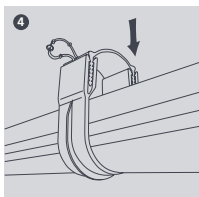
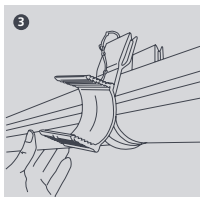
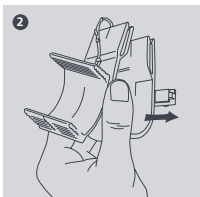
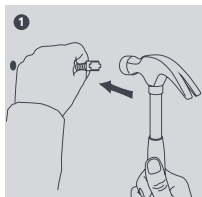


For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)

## BARB CLIP 1 PIPE INSTALL



## BARB CLIP 2 PIPE INSTALL



Information correct at time of going to press.



# Nail Clip

Using unique features, this horizontal support clip is ideal for single pipework installations.



Channel



Rod



Surface

## KEY FEATURES

- Ideal for refrigeration installations
- Fast fixing direct to any surface
- Unique lockable ratchet design
- Use a nail gun for rapid install
- Ideal for both single and multiple runs
- Fits metric and imperial pipe sizing

## SPECIFICATIONS

Materials of construction	Nylon
Max. temp	70°C
Max. rec. distance per clip	1.2m

## SIZING OPTIONS

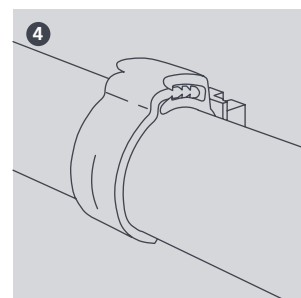
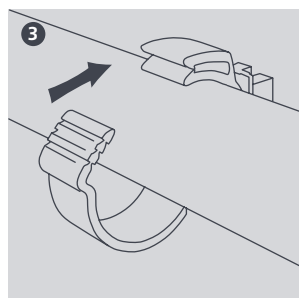
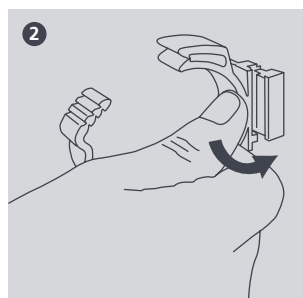
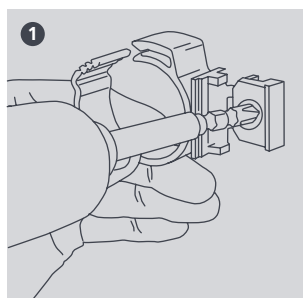
Size	Part No.	Pack Qty
25mm (1")	B7107	10
35mm (1 3/8")	B7110	10
38mm (1 1/2")	B7111	10
41mm (1 5/8")	B7112	10

For the complete list of sizes available visit [aspenpumps.com](http://aspenpumps.com)

Approximate pipe sizes (allowing for 13mm insulation)



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)





# Grip Lock

Best selling versatile clip mounts to any surface.  
Ideal for air conditioning line sets.



Channel



Rod



Surface

## KEY FEATURES

- Fits directly to a wall or solid ceiling
- Hinged for rapid pipe installation
- Space for electrical cables and condensate hose
- Zinc and colour passivated to resist corrosion
- Wide metal components for good pipe support

## SPECIFICATIONS

Materials of construction	Zinc passivated mild steel
Max. temp	1000°C
Max. rec. distance per clip	1.2m

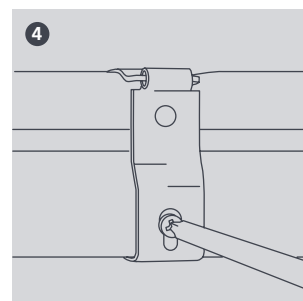
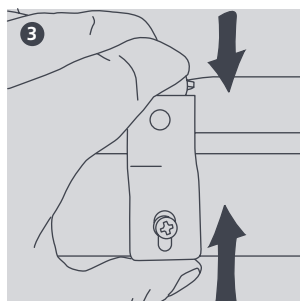
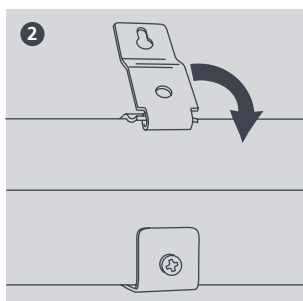
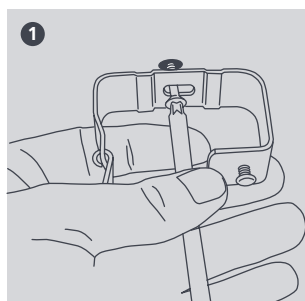
## SIZING OPTIONS

Description	Liquid*	Gas*	Width (mm)	Height (mm)	Part No.	Pack Qty
Size 1	1/4"	1/2"	54	30	B6186	10
Size 2	3/8"	5/8"	60	32	B6187	10
Size 3	1/2"	7/8"	67	37	B6188	10
Size 4	5/8"	1 1/8"	80	46	B6189	10

\* Approximate pipe sizes (allowing for 10mm insulation)



Material: BS EN 10230:2006. Coating: BS EN 12329:2000


For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)




# Pipe Tie

Easy to fix and great for multiple pipework routes.



Channel



Rod



Surface

## KEY FEATURES

- Quick fixing, lightweight and reusable
- Perfect for multiple pipework routes
- Wide tie width to protect pipe insulation
- Withstands maximum temperature of 70°C
- Available in 4 lengths
- Choice of white or black



## SPECIFICATIONS

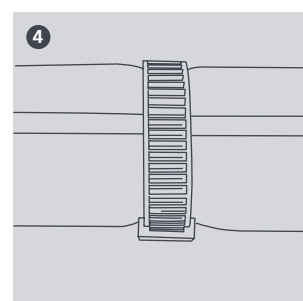
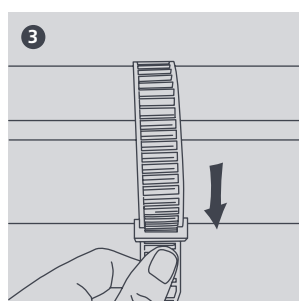
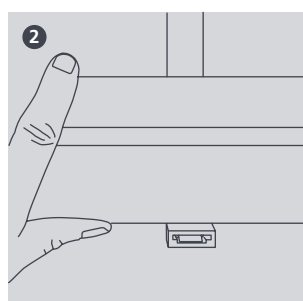
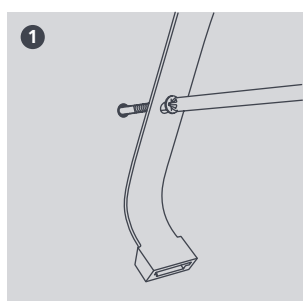
Materials of construction	LDPE
Max. temp	70°C
Max. rec. distance per clip	1.2m

## SIZING OPTIONS

Description	Dimensions	Part No.	Pack Qty
T250 White	250 x 20mm	B6411	10
T250 Black	250 x 20mm	B6551	10
T300 White	300 x 20mm	B6412	10
T300 Black	300 x 20mm	B6552	10
T350 White	350 x 20mm	B6413	10
T350 Black	350 x 20mm	B6553	10
T400 White	400 x 20mm	B6414	10
T400 Black	400 x 20mm	B6554	10



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)



# SpeediDuct™ Trunking

D-70  
IVORY  
B6027  
D-70  
WHITE  
B6793  
D-105  
IVORY  
B6026  
D-105  
WHITE  
B6794



## STRAIGHT DUCT

Code	Size (mm) A	Size (mm) B	Overall length (mm)	Qty boxed
D-70	70	65	2000	6
D-105	105	75	2000	6

WC-70  
IVORY  
B6050  
WC-70  
WHITE  
B6789  
WC-105  
IVORY  
B6049  
WC-105  
WHITE  
B6790



## WALLS COVER FOR INLET OR OUTLET

Code	A	Size (mm) B	C	Qty boxed
WC-70	110	180	70.4	20
WC-105	145	190	105.4	20

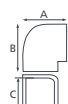
DE-70  
IVORY  
B6031  
DE-105  
IVORY  
B6030



## DUCT END

Code	A	Size (mm) B	C	Qty boxed
DE-70	120	45	70.4	20
DE-105	120	50	105.4	20

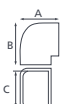
EB-70  
IVORY  
B6035  
EB-70  
WHITE  
B6777  
EB-105  
IVORY  
B6034  
EB-105  
WHITE  
B6778



## 90° ELBOW BEND

Code	A	Size (mm) B	C	Qty boxed
EB-70	95	95	70.4	20
EB-105	110	110	105.4	20

EIN-70  
IVORY  
B6037  
EIN-70  
WHITE  
B6779  
EIN-105  
IVORY  
B6036  
EIN-105  
WHITE  
B6780



## ELBOW – EXTERNAL 90°

Code	A	Size (mm) B	C	Qty boxed
EIN-70	95	95	70.4	20
EIN-105	110	110	105.4	20

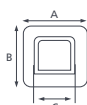
FB-70  
IVORY  
B6039  
FB-70  
WHITE  
B6781  
FB-105  
IVORY  
B6038  
FB-105  
WHITE  
B6782



## 90° FLAT BEND

Code	A	Size (mm) B	C	Qty boxed
FB-70	115	115	70.4	20
FB-105	150	150	105.4	20

WR-70  
IVORY  
B6053  
WR-70  
WHITE  
B6791  
WR-105  
IVORY  
B6052  
WR-105  
WHITE  
B6792



## WALL ROSETTE

Code	A	Size (mm) B	C	Qty boxed
WR-70	115.4	110.4	70.4	20
WR-105	150.4	120.4	105.4	20

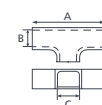
RJ-70-105  
IVORY  
B6046  
RJ-70-105  
WHITE  
B6787



## REDUCER JOINT

Code	A	Size (mm) B	C	Qty boxed
RJ-70-105	105.4	80.4	70.4	20

TJ-105  
IVORY  
B6048  
TJ-105  
WHITE  
B6788



## T-JOINT

Code	A	Size (mm) B	C	Qty boxed
TJ-105	200	105.4	105.4	20

FR-70  
IVORY  
B6045  
FR-70  
WHITE  
B6785  
FR-105  
IVORY  
B6044  
FR-105  
WHITE  
B6786



## FLAT ROSETTE

Code	A	Size (mm) B	C	Qty boxed
FR-70	115.4	110.4	70.4	20
FR-105	150.4	120.4	105.4	20

FJ-105  
IVORY  
B6042



## FLEXIBLE JOINT

Code	A	Size (mm) B	C	Qty boxed
FJ-105	500	100	100	20

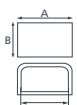
DC-70  
IVORY  
B6029  
DC-70  
WHITE  
B6773  
DC-105  
IVORY  
B6028  
DC-105  
WHITE  
B6774



## DUCT CAP

Code	A	Size (mm) B	C	Qty boxed
DC-70	70	65	2	20
DC-105	105	75	2	20

CP-70  
IVORY  
B6025  
CP-70  
WHITE  
B6771  
CP-105  
IVORY  
B6022  
CP-105  
WHITE  
B6772



## CONNECTION PIECE

Code	A	Size (mm) B	C	Qty boxed
CP-70	75.4	70.4	70.4	20
CP-105	110.4	80.4	105.4	20

ING-341  
IVORY  
B6051



## WALL SLEEVE

Code	A	B	Size (mm) C	D	Qty boxed
ING-341	350	100	250	63	20

FB-70-45  
IVORY  
B6041  
FB-105-45  
IVORY  
B6040



## 45° FLAT BEND

Code	Size (mm) A	Size (mm) B	C	Qty boxed
FB-70-45	92.58	145.5	70.4	20
FB-105-45	92.58	170.3	105.4	20

## FAST CLIPS

Code
B6019 B6100



## CCY. CONNECTORS

Code
B6021



## ADP-96 DRAIN PIPE 50m

Code
B6020



CET. CLIPS Also available, Code: CET CLIP B6047.

For further details please refer to our website [aspenspumps.com](http://aspenspumps.com)

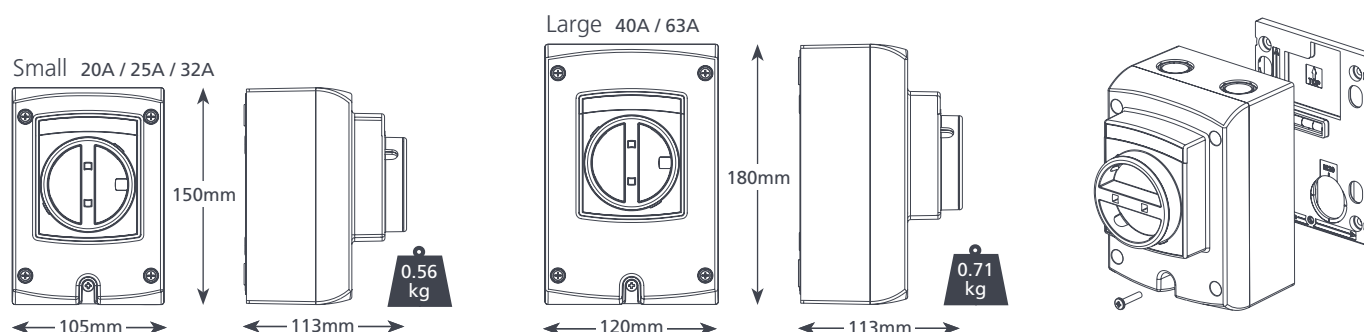
# Isolator

Designed with the installer in mind. Large range of models and separate back plate for installation ease.



## KEY FEATURES

- Separate back plate with spirit level for ease of installation
- 9 models available
- Surface mountable (with and without back plate)
- Removable switch for ease of wiring
- IP66 rated for interior and exterior use
- Lockable 'OFF' position (up to 2 padlocks) and 'ON' position (1 padlock), to prevent unauthorised access
- Fully compliant to IEC 60947-3
- 5 cable entry knock-outs
- Supplied with 2 cable glands



SPECIFICATIONS	
Rated	230V / 415V AC
IP Protection	IP66

OPTIONS	
Description	Part No.
3 pole 20A (Small)	AX6101/2
3 pole 32A (Small)	AX6102/2
3 pole 40A (Large)	AX6103/2
4 pole 20A (Small)	AX6001/2
4 pole 25A (Small)	AX6005/2
4 pole 32A (Small)	AX6002/2
4 pole 40A (Large)	AX6003/2
4 pole 63A (Large)	AX6004/2

IN THE BOX
Isolator • Back plate with spirit level
• M4 x 20mm screw • Install manual
• 2 x M20 glands & nuts (Small Isolator)
• 2 x M25 glands & nuts (Large Isolator)



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)

Information correct at time of going to press.



# Fan Speed Controller

## KEY FEATURES

- Tune your system; ideal for use with single fan condenser units
- Controls head pressure of systems by increasing and reducing the fan speed balancing temperature of the condenser coil
- Available for cooling only
- Optional heat pump model for connection to the reversing valve
- Condenser temperature coil sensor



## SIZING OPTIONS

Description	Height (mm)	Width (mm)	Depth (mm)	Part No.
FSC Cooling	44	150	75	FP2094
FSC Heating	44	150	75	FP2095



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)

Information correct at time of going to press.



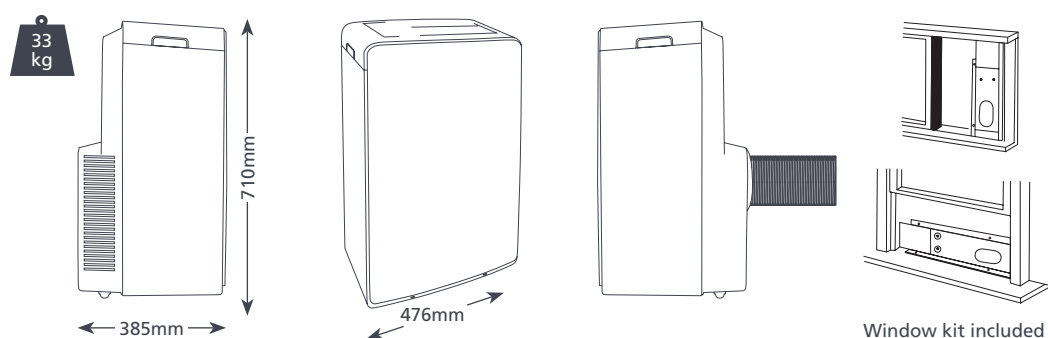
# Portable Air Conditioning Unit

The best of both worlds! An environmentally friendly, portable ac unit using the natural refrigerant R290, while also benefitting from an extensive range of features and functionality!



## KEY FEATURES

- Uses R290 refrigerant – making it incredibly eco friendly
- Cool, Auto, Fan and Dehumidify
- Auto Operation function
- Built in self cleaning function
- Airflow adjustment and Auto restart
- Includes infra red Remote control
- Includes Discharge hose & window kit
- Self evaporating condensate system



SPECIFICATIONS	
Cooling capacity	11,601 Btu/h – 3.4kW
Power supply	230v 50Hz 8A
Temperature range	16-35°C
Sound level	64dB(A)
Power cable	2m with plug
Flexi outlet tube	135mm i/d, 147mm o/d, 1.5m length

OPTIONS	
Description	Part No.
Portable AC (Cool only)	AX3009/1

IN THE BOX	
Portable AC unit • 1 x Exhaust hose • Flat mouth hose adaptor • 1 x Drain hose • 1 x Remote control and batteries • 1 x window kit	



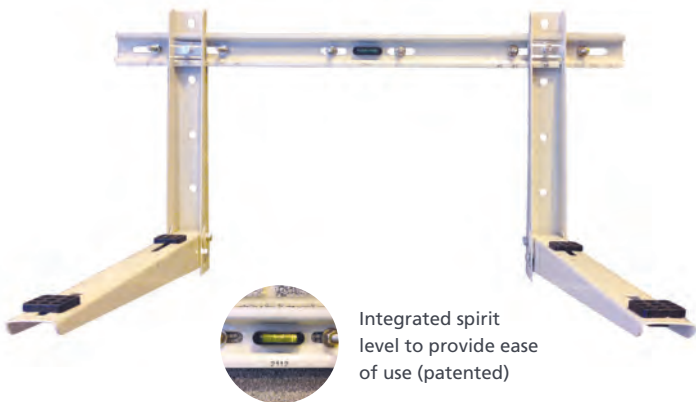
Environmentally friendly R290 is a natural refrigerant with low global warming potential. The new Aspen Xtra Portable AC GWP is just 3 units!



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)

# Split Bracket

In three size options our Split Bracket supports even the heaviest of condenser units.



Integrated spirit level to provide ease of use (patented)

## KEY FEATURES

- 3 sizes to cover all applications. 60kg, 90kg & 140kg
- Galvanised steel & powder coated conforms to ISO 09227 corrosion test
- Heavy gauge for added strength
- Integrated spirit level for easy install
- High quality fixings supplied for secure installation
- Interlocking design part assembled for fast install
- Anti vibration pads as standard
- Bracket can be mounted using horizontal wall bar, or directly to the wall as bracket arm pairs
- Easy levelling on uneven walls, with adjustable bolt
- Suitable for use with all Aspen Xtra Drip Trays

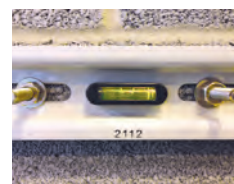
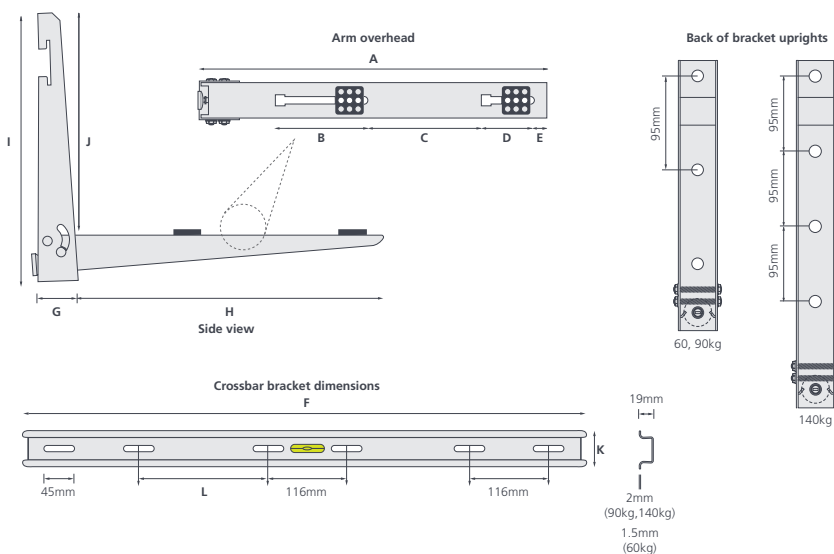
## SPECIFICATIONS

Materials of construction

Galvanised steel (powder coated)  
Conforms to ISO09227

## SIZING OPTIONS

Description	Max. Load	Height (mm)	Crossbar Width (mm)	Depth (mm)	Gauge	Part No.
Split Bracket 60kg	60kg	350	800	450	1.8mm	B6383
Split Bracket 90kg	90kg	350	800	550	1.8mm	B6384
Split Bracket 140kg	140kg	450	850	550	2.0mm	B6385



Built in wall bar spirit level



Hinged bracket arms for fast installation



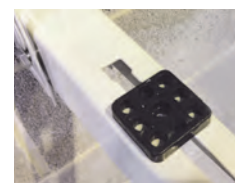
Easy assembly continues our tradition of quick installation



Advanced Crossbar allows for even faster installation



Adjustment bolt provides up to 5 degrees of correction



Adjustable anti-vibration cushions with captive nut

	mm (inches)											
Max Load	A	B	C	D	E	F	G	H	I	J	K	L
60kg (132lbs)	450 (17 3/4)	105 (4 1/4)	165 (6 1/2)	74 (2 7/8)	15 (5/8)	800 (31 1/2)	55 (2 1/4)	405 (15 9/16)	350 (13 3/4)	285 (11 1/4)	55 (2 1/4)	180 (7 1/8)
90kg (198lbs)	550 (21 3/4)	105 (4 1/4)	165 (6 1/2)	74 (2 7/8)	15 (5/8)	800 (31 1/2)	55 (2 1/4)	505 (19 7/8)	350 (13 3/4)	355 (14)	55 (2 1/4)	180 (7 1/8)
140kg (309lbs)	550 (21 3/4)	105 (4 1/4)	235 (9 3/4)	95 (3 3/4)	15 (5/8)	850 (33 1/2)	65 (2 1/2)	500 (19 3/8)	450 (17 3/4)	375 (14 3/4)	55 (2 1/4)	205 (8 1/8)

# Condensing Unit Block

Increases the ground clearance of heat pumps & air conditioning units by fitting on the blocks.

## KEY FEATURES

- Rises your outdoor unit to 86mm
- Fitted with anti-vibration stripes to dampen sound and vibration
- UV-resistant PVC
- Perfect for condenser units



End cap  
Pt. B9381

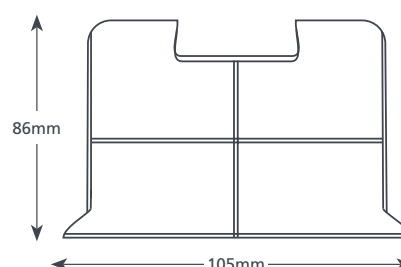
## CONDENSER CONNECTOR BLOCK SIZING OPTIONS

Description	Dimensions	Part No.	Qty
450mm Black	450 x 105 x 86mm	B6960	1 pair
1000mm Black	1000 x 105 x 86mm	B6961	1 pair
End cap	105 x 86mm	B9381	1

## SPECIFICATIONS

Materials of  
construction

UV-resistant PVC



For further details please refer to  
our website [aspenpumps.com](http://aspenpumps.com)

Information correct at time of going to press.



CONDENSER  
SUPPORT

# Drip Tray

Condensing unit metal and plastic drip trays fit all Xtra brackets.

## KEY FEATURES

- Both available in two sizes
- Flat packed with all required fixings
- The metal drip tray is supplied with a 15mm Tank Connector
- Compatible with Aspen Xtra B-Quik brackets B6381, B6382



Pipe Connector for  
Condenser Drain Pan  
21.5mm OD / 19mm ID  
Pt. B6400 (Bag of 1)

### METAL DRIP TRAY SPECIFICATIONS

Materials of  
construction

Galvanised mild steel,  
powder coated  
(ivory)

### METAL DRIP TRAY SIZING OPTIONS

Description	Height (mm)	Width (mm)	Depth (mm)	Part No.
Small	50	800	400	B6147
Large	50	1100	400	B6146

### PLASTIC DRIP TRAY SPECIFICATIONS

Materials of  
construction

Rigid UV stabilised  
plastic

### PLASTIC DRIP TRAY SIZING OPTIONS

Description	Height (mm)	Width (mm)	Depth (mm)	Part No.
Type 1	30	790	390	B6591
Type 2	30	940	420	B6592



For further details please refer to  
our website [aspenpumps.com](http://aspenpumps.com)

Information correct at time of going to press.

# Condensing Unit Guard

Easy to install durable powder coated aluminium framework and steel panels.



## KEY FEATURES

- A range of 3 sizes
- Panels are removable to allow maintenance of the unit
- Adjustable feet to allow services at ground level
- Bottom panels and drip tray available for guard fixed at high level on wall
- Back panel available for free standing units
- Screws included

## SPECIFICATIONS

Materials of construction

Zinc passivated steel with powder coating (ivory)



Have you considered your unit mounting options...

Big Foot Systems

'Fix-it Foot', available in various sizes up to 1m.

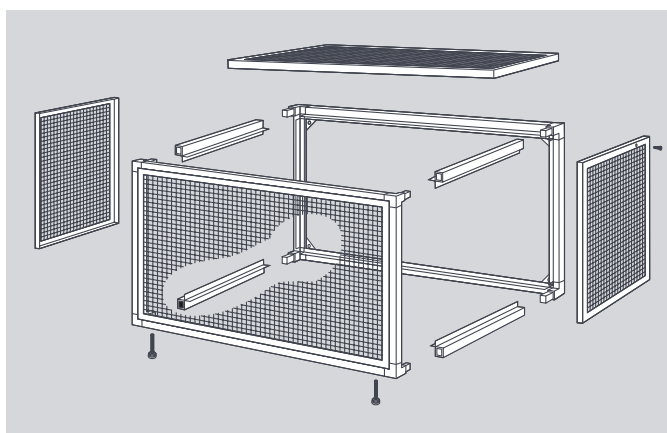


## SIZING OPTIONS

Size	Weight	Ext. Height (mm)	Ext. Width (mm)	Ext. Depth (mm)	Int. Height (mm)	Int. Width (mm)	Int. Depth (mm)	Part No.
Small	19kg	700	1000	450	600	900	350	B6192
Medium	28.5kg	1100	1100	600	1000	1000	500	B6191
Large	34kg	1400	1100	600	1300	1000	500	B6190

Individual panel part numbers:

Small front/back: Part No. B6404, Small top/bottom: Part No. B6406, Small sides: Part No. B6405  
Medium front/back: Part No. B6401, Medium top/bottom: Part No. B6402, Medium sides: Part No. B6402  
Large front/back: Part No. B6398, Large top/bottom: Part No. B6402, Large sides: Part No. B6399



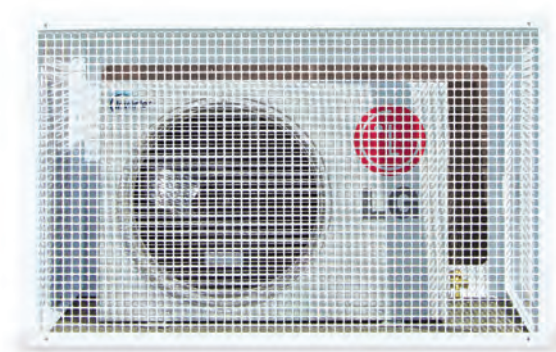
For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)

Information correct at time of going to press.





CONDENSER  
SUPPORT



# Rapid Fit Guard

Rapid Fit Guards deter vandalism and prevent damage to valuable equipment whilst still quick to install.

## KEY FEATURES

- Simple and easy to install tab and slot design allows panels to connect
- Panels are removable to allow maintenance of the unit
- Includes 3 x tamper resistant screws
- Adjustable feet to allow services at ground level
- Bottom panels and drip trays available for guard fixed at high level on wall

## SPECIFICATIONS

Materials of construction

Zinc passivated steel with powder coating (ivory)



Have you considered your unit mounting options...  
**Big Foot Systems**  
'Fix-it Foot', available in various sizes up to 1m.



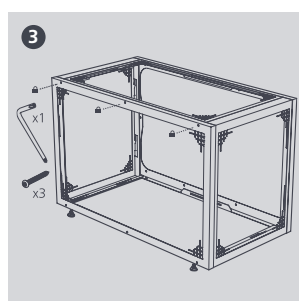
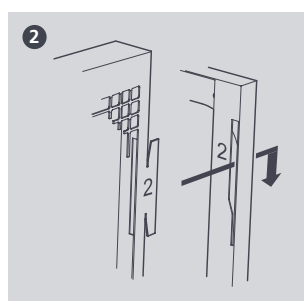
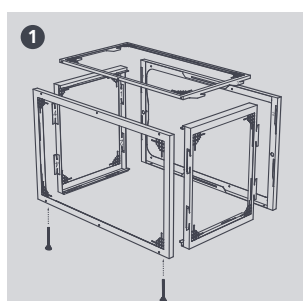
## SIZING OPTIONS

Size	Weight	Ext. Height (mm)	Ext. Width (mm)	Ext. Depth (mm)	Int. Height (mm)	Int. Width (mm)	Int. Depth (mm)	Part No.
Small	21kg	660	1052	572	600	900	500	B9163
Medium	29kg	1060	1152	572	1000	1000	500	B9164
Large	39kg	1360	1152	572	1300	1000	500	B9165

Bottom Panel – Small Guard: B9252  
Bottom Panel – Medium/Large Guard: B9255



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)



# Vinyl Tubing

Flexible, durable and non toxic – we have the most extensive range on the market.



CLEAR VINYL TUBE OPTIONS		
Size	Part No.	Pack Qty
1/4" (6mm)	AX5200 Clear Vinyl Tube	1
3/8" (10mm)	AX5201 Clear Vinyl Tube (pictured)	1
1/2" (12mm)	AX5202 Clear Vinyl Tube	1



REINFORCED VINYL TUBE BRAIDED CLEAR OPTIONS		
Size	Part No.	Pack Qty
1/4" (6mm)	AX5100 Reinforced Vinyl Tube Braided Clear	1
3/8" (10mm)	AX5101 Reinforced Vinyl Tube Braided Clear	1
1/2" (12mm)	AX5102 Reinforced Vinyl Tube Braided Clear	1
5/8" (15mm)	AX5103 Reinforced Vinyl Tube Braided Clear (pictured)	1



REINFORCED VINYL TUBE BRAIDED BLACK OPTIONS		
Size	Part No.	Pack Qty
1/4" (6mm)	AX5110 Reinforced Vinyl Tube Braided Black (pictured)	1
3/8" (10mm)	AX5111 Reinforced Vinyl Tube Braided Black	1
1/2" (12mm)	AX5112 Reinforced Vinyl Tube Braided Black	1
5/8" (15mm)	AX5113 Reinforced Vinyl Tube Braided Black	1



CLEAR ROLL SPECIFICATIONS			
Working temp.	-10°C – 65°C		
Colour	Clear		
	1/4"	3/8"	1/2"
Diameter ID (mm)	6	10	12
Diameter OD (mm)	10	14	16
Work Pressure (Bar)	5	5	3
Burst Pressure (Bar)	15	15	9
Fixed length (Metre)	30	30	30
Weight (Kg)	2.01	3.00	3.55

REINFORCED (BRAIDED) ROLL SPECIFICATIONS				
Working temp.	-10°C – 65°C			
Colour	Clear/Black			
	1/4"	3/8"	1/2"	5/8"
Diameter ID (mm)	6	10	12	15
Diameter OD (mm)	10	14	16	20
Work Pressure (Bar)	8	8	6	7
Burst Pressure (Bar)	24	24	18	21
Roll Length (Metre)	30	30	30	30
Weight (Kg)	2.01	3.00	3.55	5.55



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)

Information correct at time of going to press.



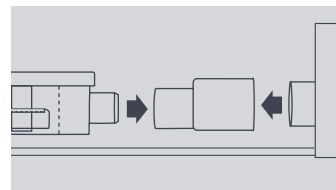
CONDENSATE  
MANAGEMENT

# Connectors

## Mini Pump

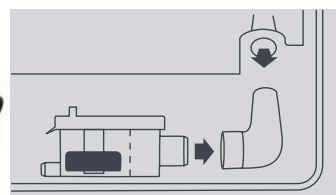
### RUBBER ADAPTOR TO CONNECT A DUCTED UNIT TO A MINI PUMP

OPTIONS				
Ducted AC outlet OD	Reservoir Pump OD	Ideal Use	Part No.	Pack Qty
20mm	16mm	Fits Mitsu Heavy	FP2001	3
25mm	16mm	Daikin, Mitsu Elec/Heavy, Panasonic, LG	FP2002	3
32mm	16mm	Daikin, Mitsu Elec/Heavy, Panasonic, LG	FP2003	3

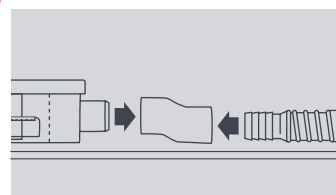


### 90° LONG ARM BEND TO CONNECT A WALL MOUNT TO MINI PUMP RESERVOIR

OPTIONS				
Drip tray outlet OD	Reservoir Pump OD	Ideal Use	Part No.	Pack Qty
12mm	16mm	LG wall mount and floor mount	FP2006	3
16mm	16mm	Wall mount and floor mount	FP2056	3



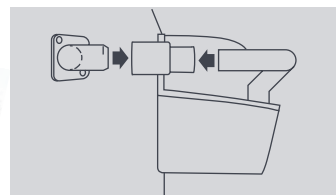
OPTIONS				
Drip tray outlet OD	Reservoir Pump OD	Ideal Use	Part No.	Pack Qty
16mm	16mm	Can be used universally	FP1024	5



## Tank Pump

### RUBBER ADAPTOR TO CONNECT A CASSETTE UNIT CONDENSATE DRAIN PIPE TO A TANK PUMP

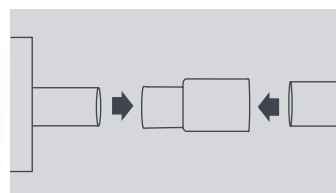
OPTIONS				
Cassette outlet OD	Overflow pipe OD	Ideal Use	Part No.	Pack Qty
16mm	21mm	Fits LG units	FP2011	3
26mm	21mm	Daikin, Panasonic	FP2012	3
32mm	21mm	Daikin, Mitsu Elec/Heavy, Panasonic, LG	FP2013	3



## Pipe to Pipe

### RUBBER ADAPTOR TO CONNECT 21mm OVERFLOW PIPE TO WASTE PIPE

OPTIONS				
Overflow pipe OD	Waste pipe OD	Ideal Use	Part No.	Pack Qty
21mm	25mm	Reducing or enlarging pipe diameters	FP2016	3
21mm	32mm	Reducing or enlarging pipe diameters	FP2017	3
21mm	40mm	Reducing or enlarging pipe diameters	FP2018	3

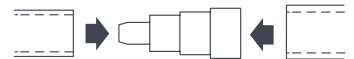


Note: All connectors should be fitted with the relevant cable ties

# Tube & Connector Fittings

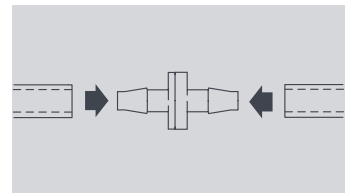
## Adaptors/Straight Connectors

OPTIONS			
Size	Ideal Use	Part No.	Pack Qty
6mm – 10mm	1/4" to 3/8"	FP2020	5
6mm, 10mm or 12mm to 16mm	1/4" or 3/8" or 5/8" to 1/2"	FP2632	5



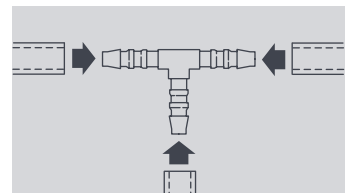
## Non-return Valves

OPTIONS			
Size	Ideal Use	Part No.	Pack Qty
6mm (1/4")	Prevents backflow of water	FP2628	5
10mm (3/8")	Prevents backflow of water	FP2630	5



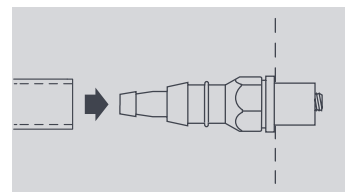
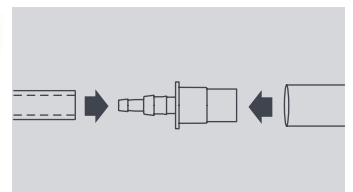
## Hose to Hose

OPTIONS			
Size	Ideal Use	Part No.	Pack Qty
6mm (1/4")	Equal "T" Connector	FP2024	5
6mm (1/4")	Elbow Connector	FP2028	5
6mm (1/4")	Straight Connector	FP2622	5
10mm (3/8")	Equal "T" Connector	FP2030	5
10mm (3/8")	Elbow Connector	FP2032	5
10mm (3/8")	Straight Connector	FP2624	5



## Hose to Overflow or Waste/Soil Pipe

OPTIONS			
Size	Ideal Use	Part No.	Pack Qty
6mm (1/4") or 10mm (3/8") – 21mm overflow pipe	Hose to Overflow	FP2040	3
6mm (1/4") or 10mm (3/8") – self sealing adaptor	Hose to Waste/Soil Pipe (Drill hole to 11.5mm diameter)	FP2038	3



Note: All connectors should be fitted with the relevant cable ties



CONDENSATE  
MANAGEMENT

# Xtra Rigid Pipe & Pipe Fittings



A range of high grade UPVC rigid HVAC/R condensate discharge pipe. With a superior internal smooth finish providing a low coefficient of flow friction which will help prevent build-up of debris, bacteria and blockages.

## KEY FEATURES

- Complies with BS3505, MS628, SIRIM & SPAN listed
- Specifically designed and manufactured for the industry
- Greater wall thickness
- Smooth internal bore
- Greater rigidity requiring less supports
- Resistant to freezing & cracking
- Superior quality product for a more professional installation

## SPECIFICATIONS

Colour	White or Black
Material	UPVC (unplasticized polyvinyl chloride)
Impact strength (Izod)	6 kg-cm/cm <sup>2</sup>
Flame resistance	Self extinguishing
System type	Solvent weld

Available  
in black or  
white

## PIPE x2.9M LENGTHS

Size	Part No.		Pack Qty
	White	Black	
3/4" – 15mm ID 21.5mm OD	B7501	B7617	20
1 1/4" – 25mm ID 33.6mm OD	B7503	B7619	10



## 45° ELBOW

Size	Part No.		Pack Qty
	White	Black	
3/4" – 15mm ID 21.5mm OD	B7521	B7623	5
1 1/4" – 25mm ID 33.6mm OD	B7523	B7625	5



## STRAIGHT CONNECTOR

Size	Part No.		Pack Qty
	White	Black	
3/4" – 15mm ID 21.5mm OD	B7541	B7629	5
1 1/4" – 25mm ID 33.6mm OD	B7543	B7631	5



## 90° ELBOW

Size	Part No.		Pack Qty
	White	Black	
3/4" – 15mm ID 21.5mm OD	B7511	B7620	5
1 1/4" – 25mm ID 33.6mm OD	B7513	B7622	5



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)

Information correct at time of going to press.



# Xtra Rigid Pipe & Pipe Fittings



## REDUCING SOCKET

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
3/4" – 1 1/4"	B7582	B7642	5
1" – 1 1/4"	B7583	B7643	5



## RODDING FITTING

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
1 1/4"	B7653	B7654	2



## UPVC PIPE STUD CLIP\*

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
3/4"	B7613	B7649	10
1 1/4"	B7611	B7647	10



## UPVC PIPE SURFACE CLIP\*

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
3/4"	B7616	B7652	10
1 1/4"	B7614	B7650	10



## BARREL UNION

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
3/4" – 15mm ID 21.5mm OD	B7551	B7632	5
1 1/4" – 25mm ID 33.6mm OD	B7553	B7634	5



## REDUCING BUSH

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
3/4" – 1"	B7591	B7644	5
3/4" – 1 1/4"	B7592	B7645	5



## FEMALE THREADED SOCKET

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
3/4" – 15mm ID 21.5mm OD	B7561	B7635	5
1 1/4" – 25mm ID 33.6mm OD	B7563	B7637	5



## EQUAL TEE

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
3/4" – 15mm ID 21.5mm OD	B7531	B7626	5
1 1/4" – 25mm ID 33.6mm OD	B7533	B7628	5



## MALE THREADED SOCKET

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
3/4" – 15mm ID 21.5mm OD	B7571	B7638	5
1 1/4" – 25mm ID 33.6mm OD	B7573	B7640	5



## STRAIGHT COUPLER (COMPRESSION FITTING)

OPTIONS		
Size	Part No.	Pack Qty
	White	
32mm	B7594	1

N.B: This product is suitable for our 1 1/4" pipe. It is also suitable for enabling connection with generic 1 1/4" pipe.



\*The clips should be shielded from direct sunlight to maintain longevity of the installation

Information correct at time of going to press.



CONDENSATE  
MANAGEMENT

# Accessories Kit

Designed to make life easier for installers and service engineers! With compartments chosen by you, this really is an essential piece of kit to have near. The toolbox comes with an illustrated guide on an outer card die-cut case, plus refill information.



product may differ to photo



## KEY FEATURES

- 12 compartments contain a range of Xtra accessories
- Choose AX0005 or request your own selection
- Helps your professional install
- Accessories Kit is a robust toolkit and comes in outer card die-cut box for storage protection

SPECIFICATIONS	
Height	355mm (14") Handle down 400mm (15.8") Handle up
Width	440mm (17.3")
Depth	79mm (3.1")
Weight	3kg (6.4 lbs.)
Compartments	12

OPTIONS	
Description	Part No.
Xtra Accessories Kit	AX0005

IN THE KIT
6mm Straight Connector x5 • 10mm straight connector x5 • Self Sealing Soil Pipe Adaptor x3 • 21mm to 25mm Pipe Adaptor x3 • 21mm to 32mm Pipe Adaptor x3 • Straight Reducer 3/8" (10mm) to 1/4" (6mm) x5 • Tank Pump Connector 32mm to 21mm x3 • Tank Pump Connector 26mm to 21mm x3 • 1/4" (6mm) Elbow Connector x5 • 3/8" (10mm) Elbow Connector x5 • Tube Adaptors 21.5mm to 10mm or 6mm Flexible Tube x3 • Mini Pump Connectors 16mm – 25mm x3 • Mini Pump Connectors 16mm – 32mm x3 • 1/4" (6mm) Equal "T" Connector x5 • 3/8" (10mm) Equal "T" Connector x5 • Sortimo Toolbox x1



For further details please refer to our website [aspenpumps.com](http://aspenpumps.com)

Information correct at time of going to press.

# Pump Accessories

## Peristaltic Pumps

### SPARE HEAD TUBE KIT

Part No.

FP1282

(Bag of 1)



### ROTOR ASSEMBLY

Part No.

SA1382



### SILICON GREASE 100g

Part No.

2457



### FRONT HOUSING

Part No.

1159



### BACK PLATE

Part No.

SA1161



### PUMP BRACKET

Part No.

2716

(Universal / Standard)



### 2m STANDARD PLUG-IN CABLE

Part No.

1523/1



### 3m UNIVERSAL PLUG-IN CABLE

Part No.

1573/1



### PUMP BRACKET

Part No.

1553/1

(Mechanical / MK4)



## Mini Pumps

### DRAIN TRAY CONNECTOR 16mm

Part No.

FP2626

(Reservoir connector, 18, 16 and 14mm pipe fitting)



### 1 AMP FUSE AND HOLDER

Part No.

FP2620

(Bag of 2)



### MINI LIME INLET HOSE LENGTH

Part No.

2472 (1m) / 2419 (25m)

(14mm I/D and 19mm O/D)



### INLINE FILTER 1/4" / 6mm

Part No.

FP2636

(bag of 3)



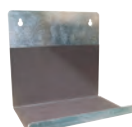
## Miscellaneous

### TANK PUMP BRACKET

Part No.

SA1115

(Hi-flow, Hi-lift)



### CONDENSATE TRAP

Part No.

EZT-210 / FP2464

3/4" (Economy and Overflow Switch)



### CONDENSATE TRAP

Part No.

EZT-226 / FP2465

3/4" Slip Fit (Close coupled overflow switch)



### ACID NEUTRALISER

Part No.

FP1021



### CONDENSATE TRAP

Part No.

EZT-150 / FP2463

3/4" (Waterless)



# Mighty Bracket™

Mini-split installation is now a one man job!  
Clips to the mounting bracket of most mini-splits.

## KEY FEATURES

- Holds unit securely in place during installation – without damaging walls
- Allows single person installation
- Does not damage walls
- Ideal for most brands of mini-splits that weigh up to 45kg
- Folds for easy storage
- Includes tote bag



**Mighty Bracket™**  
Mini-split Installation Support Tool

## SPECIFICATIONS

Materials of construction

ABS

## OPTIONS

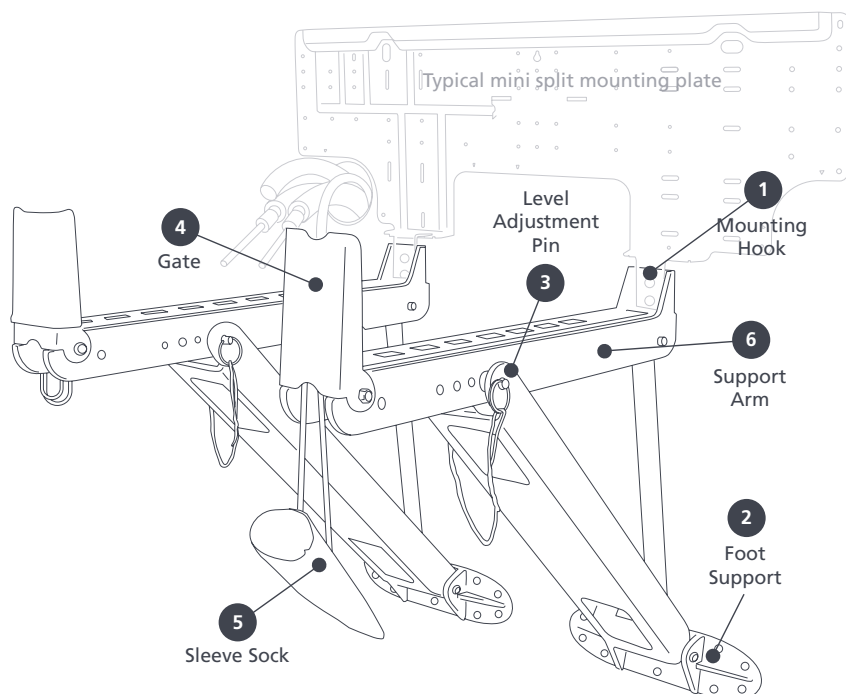
Description	Part No.
Mighty Bracket™	AX3010

## APPLICATION

Hook onto mini-split mounting plate to hold mini-split unit securely in place while installing refrigerant lines, condensate line and electrical hookup.

## USER INSTRUCTIONS

1. Attach Mounting Hooks of Mighty Bracket to the mini-split mounting plate tabs (if no tabs are present on the mounting plate, Mighty Bracket hooks can be attached by screws threaded into the wall stud).
2. Place Foot Supports flat against the wall (if necessary to avoid potential wall scratching, place clean towel or cardboard between support foot and wall surface).
3. Position Level Adjustment Pins to make Support Arm of the brackets horizontal.
4. Position Lift Gates at the end of Support Arms to make sure the unit cannot slide off.
5. Place protective Sleeve socks over Gates to avoid scratching the unit.
6. Set unit securely onto the top of the Support Arms.
7. Connect refrigerant lines.
8. Connect condensate drain piping and electrical wiring.
9. Carefully lift and place the indoor unit onto top tabs of mounting plate.
10. While ensuring unit does not fall, carefully remove Mighty Bracket and installation is complete.





# New Portable A/C

The best of both worlds!

An environmentally friendly, portable ac unit using the natural refrigerant R290, while also benefitting from an extensive range of features and functionality!



ENVIRONMENTALLY FRIENDLY **R290** IS A NATURAL REFRIGERANT WITH LOW **GLOBAL WARMING POTENTIAL**. THE NEW ASPEN XTRA PORTABLE AC GWP IS JUST **3 UNITS!**







### **Rooftop building services support systems.**

Our aim at Big Foot Systems continues to be 'to provide easy to assemble rooftop building services support systems'. Our range of products provide quick, simple, safe and versatile solutions for the support of rooftop HVAC/R equipment, and access platforms.

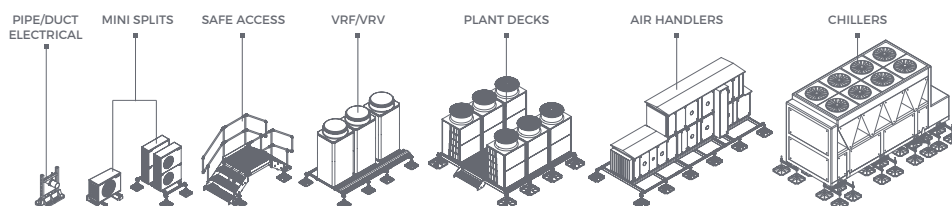
Big Foot Systems sets the standard on any installation, meeting the needs of architects, consultants, engineers and contractors.

Big Foot products are packed for ease of handling and available internationally via a network of approved distributors.



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- Step Overs & Walkway	<b>106</b>
- Plant Deck	<b>108</b>
- Screen Support	<b>109</b>







# Service Support

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.

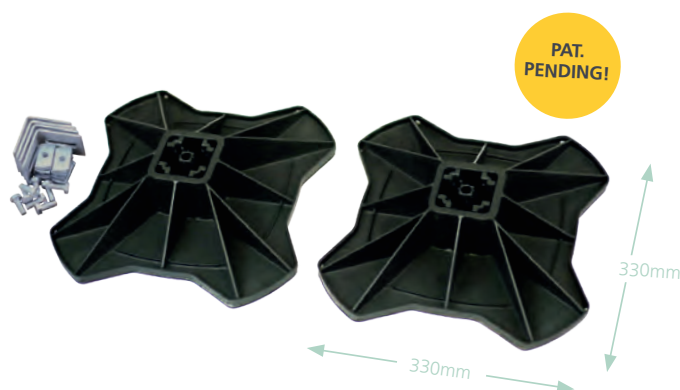
		 H Tech Set 330mm	 H Frame Set 450mm & 600mm	 Multi Foot	 Fix-it Foot
ELECTRICAL	Cable Basket				✓
	Small Cable Tray	✓		✓	✓
	Larger Cable Tray	✓	✓	✓	✓
	Cable Ladder		✓		
	*Bus bars		✓		
DUCT	Small Duct	✓		✓	
	*Larger Duct	✓	✓		
	*Attenuators (Silencers)		✓		
PIPE	Small F&R Pipe			✓	✓
	Medium F&R Pipe	✓		✓	
	Large F&R Pipe		✓		
	*Multiple Pipe Runs		✓		

\*Weight dependent

**NEW**  
**ENHANCED GRIP**  
**IMPROVED WIND**  
**RESISTANCE**

# H Tech Set 330mm

Fabricated on site - and accepting a range of strut or threaded bar - the H Tech 330mm set is the most flexible choice on the market.



## KEY FEATURES

- 50% Higher Coefficient of Friction; better surface to surface grip than rubber feet.
- Maximum stability; EPDM mat conforms better to uneven surfaces than rubber.
- Optimum weight distribution over whole foot print.
- Fits 21 x 41mm, 40 x 38mm, 41 x 41mm strut\*.
- Pre-threaded hole suitable for M12 bar.
- Strut fittings & bolts included.
- 100% recycled glass filled nylon foot construction.
- Optional angled mat accessory for use on uneven ground.

## KIT INCLUDES

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

## APPLICATION



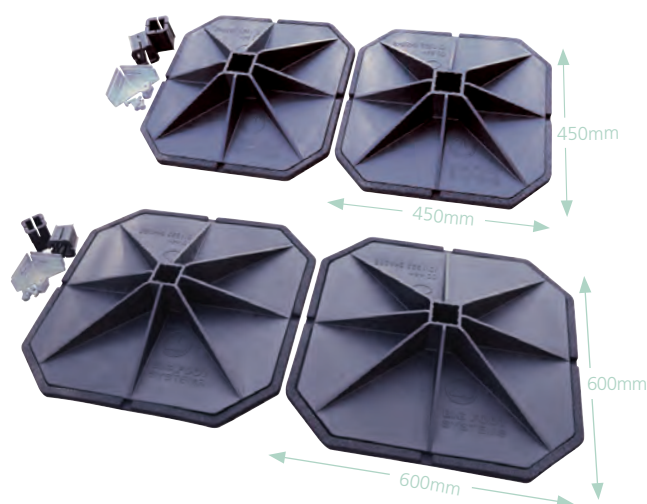
Description	Part no.	Foot Size (mm)	Weight (Kg)	Max. Load (Kg)
330mm Set	<b>B6088/B</b>	330	2.63	300
Angled Base (2.5°)	<b>B6098</b>	330	0.5	150





# H Frame Set 450mm & 600mm

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



## KEY FEATURES

- 450mm or 600mm feet.
- Suits 41 x 41mm strut\*.
- Excellent load distribution.
- Versatile application.
- Rubber mats provide additional roof protection.
- Boxed for convenience.

## KIT INCLUDES

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

## APPLICATION



Description	Part no.	Foot Size (mm)	Weight (Kg)	Max. Load (Kg)
450mm	B6089	450	14	500
600mm	B9222	600	25	500





# 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.



## KEY 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



ALL IN ONE BOX!

Description	Part no.	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)	Max. Load (Kg)
400mm - 4 Pack	<b>B9640</b>	400	180	80	6	259
600mm - 3 Pack	<b>B9655</b>	600	220	80	11.7	474



# 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.

## KEY FEATURES

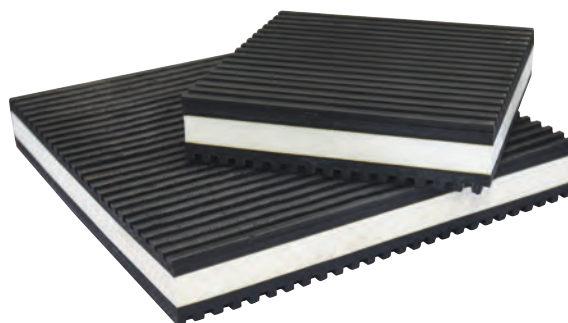
- Quick and simple install.
- Aluminium channel securely anchored in top for easy fixing of services.
- Wide range of height and length options available.
- Durable recycled rubber reduces vibration and adds stability.



Description	Part no.	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)	Max. Load (Kg)
250	<b>B6735</b>	250	180	95	2.4	82
400	<b>B6736</b>	400	180	95	3.5	128
600	<b>B6737</b>	600	180	95	5.8	224
1000	<b>B9096</b>	1000	180	95	9.9	295
250 Low	<b>B9043</b>	250	130	50	1.3	82
400 Low	<b>B9045</b>	400	130	50	2.1	128
500 Low	<b>B9368</b>	500	130	50	2.5	134
600 High Bloc	<b>B6974</b>	600	180	120	10.2	224
1000 High Bloc	<b>B6973</b>	1000	180	120	17.7	295

# AV Pads

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



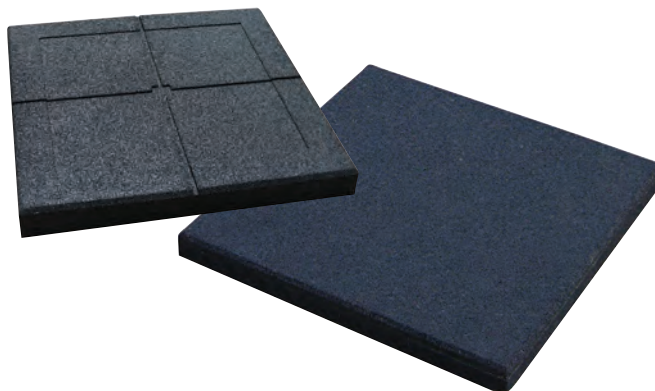
## KEY FEATURES

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

Description	Part no.	Length (mm)	Width (mm)	Height (mm)
51mm	<b>B6909</b>	51	51	22.2
76mm	<b>B6910</b>	76	76	22.2
101mm	<b>B6911</b>	101	101	22.2
152mm	<b>B6912</b>	152	152	22.2
305mm	<b>B6913</b>	305	305	22.2
457mm	<b>B6914</b>	457	457	22.2

# 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.



## KEY FEATURES

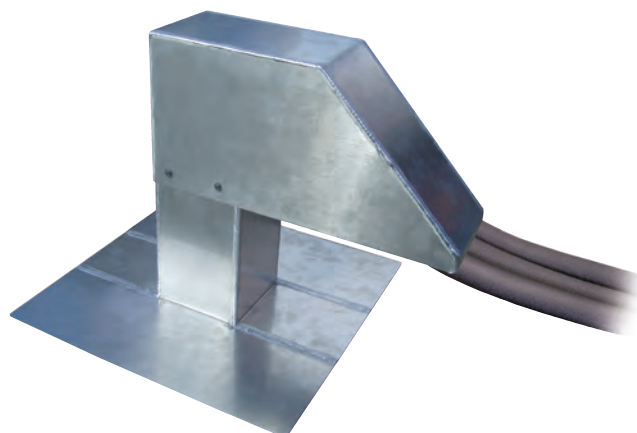
- Ideal for walkways and to protect roof surfaces.
- Durable recycled rubber reduces vibration.
- 5 options available\*.

Description	Part no.	Length (mm)	Width (mm)	Height (mm)
Small Strip*	<b>B6491</b>	600	150	30
Large Strip*	<b>B6282</b>	1000	500	30
Plain Tile 400	<b>B9641</b>	400	400	45
Plain Tile 500	<b>B6416</b>	500	500	45
Plain Strip	<b>B6024</b>	1000	75	15

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

# Swan Necks

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



## KEY FEATURES

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

Description	Part no.	Outlet Size (mm)	No. of Outlets	Height (mm)
Square Small	<b>B9154</b>	75 x 75	1	484
Square Medium	<b>B9148</b>	125 x 125	1	484
Square Large	<b>B9149</b>	200 x 200	1	484
Oblong Small	<b>B9150</b>	125 x 250	1	484
Oblong Double	<b>B9152</b>	125 x 250	2	484
Oblong Large	<b>B9151</b>	125 x 500	1	484

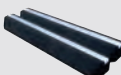








# A/C Support Systems

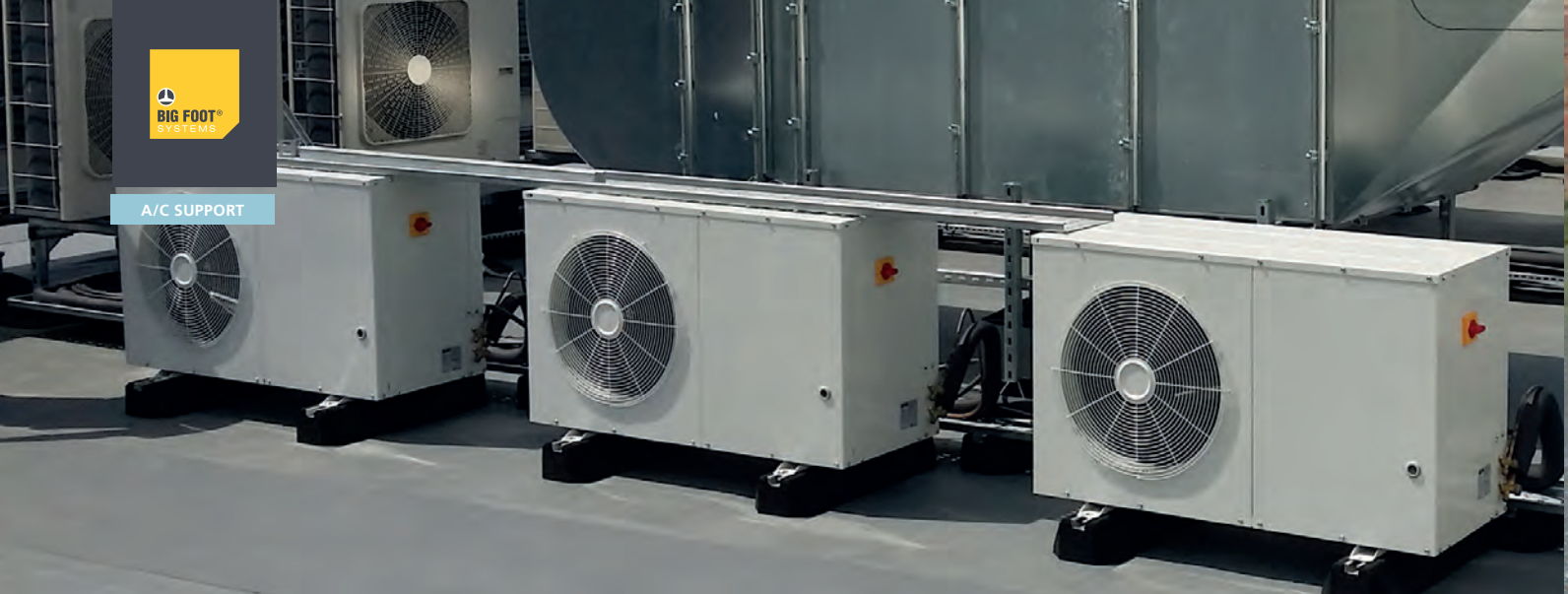
Our range provides a quick to install, non-penetrative solution to suit all leading AC manufacturers units.

Our standard product range is available next day from stock. With an ever increasing number of Air Conditioning manufacturers, we can tailor a bespoke system utilising standard components - see pages190-201 for further details.

	 Mini Split Kits	 Mini Split Stand Range	 VRF/VRV Stand Range	 Multi Frame	 Standard Frames
1-2 No. A/C Split units	✓			✓	✓
3-4 No. A/C Split units		✓		✓	✓
5-6 No. A/C Split units		✓		✓	✓
7+ No. A/C Split units		✓		✓	
1 No. VRF/VRV unit*			✓	✓	✓
2 No. VRF/VRV units*			✓	✓	✓
3 No. VRF/VRV units*			✓	✓	✓
4+ No. VRF/VRV units*			✓	✓	

\*Based on typical carcase size of 990mm x 760mm





# 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.



## KEY FEATURES

- Available in 2 sizes.
- Boxed kit with fixings.
- Quick and simple install.
- Aluminium channel securely anchored in top for easy fixing of unit.
- Durable recycled rubber reduces vibration and adds stability.

## KIT INCLUDES

Rubber Foot	x 2
Fixing kit	x 2



ALL IN ONE BOX!

## APPLICATION



Description	Part no.	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)	Max. Load (Kg)
600mm	<b>B9284</b>	600	180	95	11	448
1000mm	<b>B9530</b>	1000	180	95	19	590



# 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.



## KEY FEATURES

- 200mm Feet
- Available in 3 heights.
- Optional Extender Kits and Risers.
- Support individual or multiple mini split units.
- Adjustable slotted channel cross bar, to suit industry standard fixings.
- Anti-vibration mounts.
- Quick to assemble.

## KIT INCLUDES

Description	Frame	Ext.	Tower
200mm Foot & insert	x 4	x 2	x 4
End bar	x 2	x 1	x 2
Cross bar	x 2	x 2	x 4
Fixing kit	x 4	x 4	x 8

## APPLICATION



Description	Part no.	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)	Max. Load (Kg)
Low	<b>B5550</b>	475	419 - 619	305	20	175
High	<b>B5551</b>	475	419 - 619	450	22	175
Tower	<b>B5552</b>	475	419 - 619	305 & 1000	35	300
Low Extender	<b>B5553</b>	950	419 - 619	305	18	175
High Extender	<b>B5554</b>	950	419 - 619	450	19	175
Riser (4 Pack)	<b>B5555</b>	-	-	152	1.5	-
Riser (2 Pack)	<b>B5562</b>	-	-	152	0.75	-





# 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.



## KEY FEATURES

- 200mm Feet
- Available in 3 lengths.
- Optional Extender Kits.
- Support individual or multiple VRF/VRV units.
- Adjustable slotted channel cross bar, to suit industry standard fixings.
- Clamp kits.
- Quick to assemble.

## KIT INCLUDES

Description	Frame	Ext.
200mm Foot & insert	x 4	x 2
End bar	x 2	x 1
Cross bar	x 2	x 2
Fixing kit	x 4	x 4

## APPLICATION



Description	Part no.	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)	Max. Load (Kg)
990 Frame	<b>B5556</b>	990	620 - 780	305	35	600
1290 Frame	<b>B5557</b>	1290	620 - 780	305	38	500
1450 Frame	<b>B5558</b>	1450	620 - 780	305	41	400
990 Extender	<b>B5559</b>	990	620 - 780	305	25	600
1290 Extender	<b>B5560</b>	1290	620 - 780	305	28	500
1450 Extender	<b>B5561</b>	1450	620 - 780	305	31	400



NEW &  
IMPROVED

THE FRAME THAT  
EXTENDS IN ANY  
DIRECTION

# Multi Frame & Multi Frame XL



Multi Frame and Multi Frame XL can be extended in any direction using the Extension kits, providing the flexibility to mix and match Multi Frame and Multi Frame XL to create the frame size and shape configuration to suit the install.

## KEY FEATURES

- 305mm Feet.
- 1m x 1.2m, 1.5m x 1.2m multiples.
- Mix and match any Multi Frame and Multi Frame XL of the same height.
- Extend from any side.
- Suits a wide variety of units.
- Adjustable leg assemblies.
- Easy to assemble - cross bars simply position onto the end bars.
- Supplied boxed with clamp kits.

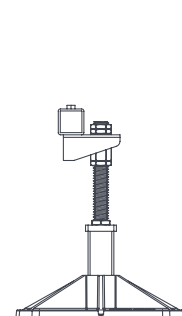
## KIT INCLUDES

Multi Frame	Frame	Ext.
305mm foot & adhered mat	× 4	× 2
1m End bar	× 2	× 2
1.2m Cross bar	× 2	× 2
Unit clamp kit (4 pack)	× 2	× 2
Connector	-	× 2
Multi Frame XL	Frame	Ext.
305mm foot & adhered mat	× 4	× 2
1.5m End bar	× 2	× 2
1.2m Cross bar	× 3	× 3
Unit clamp kit (4 pack)	× 2	× 2
Connector	-	× 2

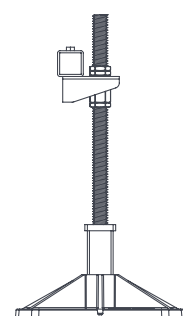
## APPLICATION



Description	Part no.	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)	Max. Load (Kg)
Multi Frame	<b>B9720</b>	1000	1200	335 - 440	36	500
Extension Kit	<b>B9721</b>	1000	1200	335 - 440	26	500
Multi Frame Long Stud	<b>B9720/1</b>	1000	1200	335 - 660	40	500
Extension Kit Long Stud	<b>B9721/1</b>	1000	1200	335 - 660	28	500
Multi Frame XL	<b>B9731</b>	1500	1200	335 - 440	43	500
Extension XL Kit	<b>B9732</b>	1500	1200	335 - 440	33	500
Multi Frame XL Long Stud	<b>B9731/1</b>	1500	1200	335 - 660	45	500
Extension XL Kit Long Stud	<b>B9732/1</b>	1500	1200	335 - 660	35	500



**Standard Leg Assembly**  
Height adjustment:  
335 - 440mm

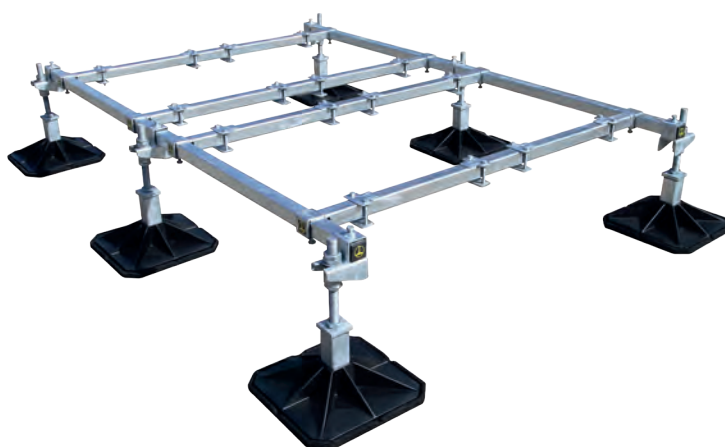


**Long Stud Leg Assembly**  
Height adjustment:  
335 - 660mm



# Standard Frames

The Standard Frames are available in 1m, 2m and 3m arrangements, to suit mini splits, VRF/VRV or a combination of both.



## KEY FEATURES

- Adjustable leg assemblies.
- 3 lengths available.
- 1.2m or 1.5m cross bars.
- Simple to assemble.
- Supplied boxed with clamp kits.

## KIT INCLUDES

40mm x 40mm box section end bars  
Cross bars  
305mm Leg assemblies  
Clamp kits  
Assembly instructions

## APPLICATION



Description	Part no.	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)	Max. Load (Kg)
1m x 1.2m	<b>B6075</b>	1000	1200	290 - 400	39	500
2m x 1.2m	<b>B6077</b>	2000	1200	290 - 400	67	1000
3m x 1.2m	<b>B6078</b>	3000	1200	290 - 400	97	1500
1m x 1.5m	<b>B9442</b>	1000	1500	290 - 400	42	400
2m x 1.5m	<b>B9443</b>	2000	1500	290 - 400	72	800
3m x 1.5m	<b>B9444</b>	3000	1500	290 - 400	103	1200





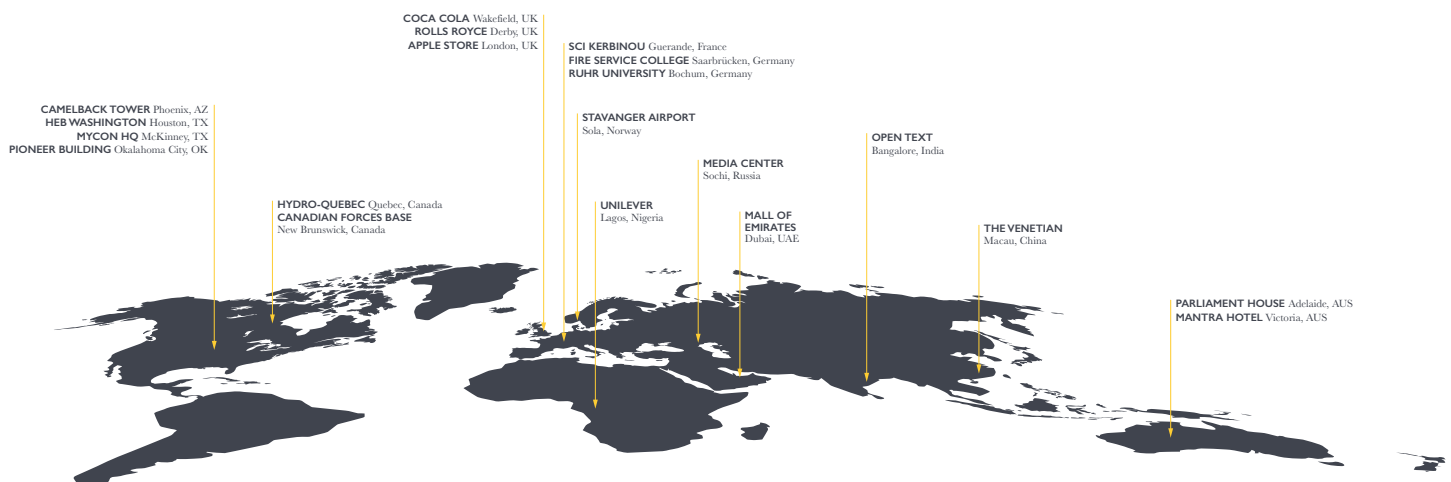




# Technical Project Team

**Big Foot Systems** offer a total solution to rooftop building services load management. From initial phone call through to project completion, the experienced in-house technical team are here to ensure you get the most cost effective results, in the fastest time, ensuring the individual requirements of your project are met.

The team work closely with every client to supply the correct non-penetrative support solution for every scenario - large, heavy, irregular shaped or unevenly loaded plant. With the aid of technical surveyors, a highly skilled in-house technical team and use of engineering tools such as FEA/CFD, Big Foot Systems can design and manufacture complete one-off solutions.









**Big Foot Systems** has an established heritage in solving simple and complex rooftop management design challenges that will protect a roof's integrity, whilst offering an alternative to traditional timber, steel and concrete constructions. Launched in 2001, the company's expertise and experience has strong foundations built on meeting the needs of clients, developers, architects, consultants, engineers and contractors - delivering many thousands of projects to the very highest standard.

Today Big Foot Systems are the industry leaders in rooftop load management, designing and manufacturing the widest product range of support solutions. The brands non-penetrative products and systems are quick and easy to install ensuring project cost and time clarity, therefore reducing the need for complex, time-consuming and expensive detailing.

Big Foot engineers understand that no two roofs are the same. Limited space, access, existing obstructions or lightweight roofs may require a Big Foot Systems Custom Framework. The experienced in-house technical services team will plan the most effective support solution using the latest design software.

Big Foot Systems embrace any challenge, and are yet to encounter a scenario for which a bespoke or packaged solution couldn't be delivered. That is a bold claim to make so they decided it would be more helpful to let actions speak louder than words, putting together this illustrative book to showcase just a small range of the system solutions they have developed for their multi-client base over the years.

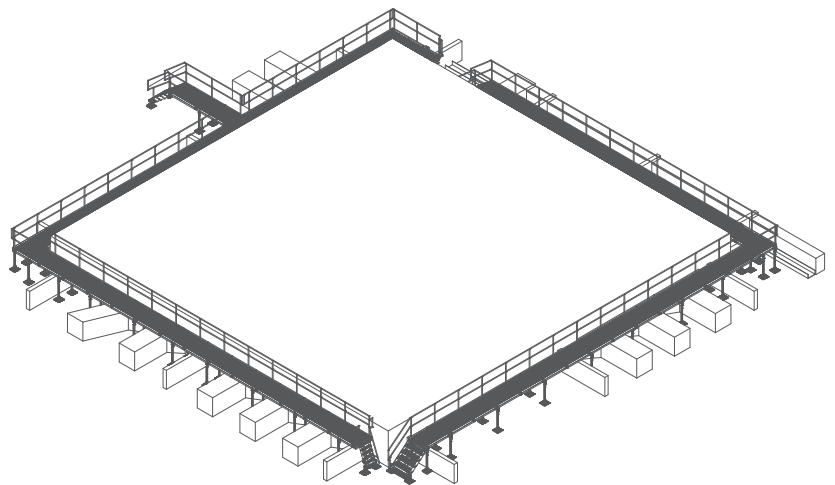
## PROJECT

### AMEX OFFICES

Burgess Hill, UK

CONTRACTOR  
ROOF FINISH  
SUPPORTED  
BFS PRODUCT

Wates  
Rockwool Insulation & Liquid Membrane  
Safe Access  
Step Overs / Custom Safe Access







Amex planned to move location as of part of its UK operations, so the new office building underwent a full refurbishment, including a new atrium, roof and full M&E fit-out. The rooftop was heavily populated with new plant and associated services including ductwork, cable tray and existing steel work, blocking access routes.

Big Foot Systems offered custom legs providing special clearance, required due to limited space on the roof and existing obstacles; with walkways leading to each other, we were able to design appropriate access routes. Big Foot elevated the access route to 1.3 metres from floor level for over 40 metres, whilst skilfully avoiding obstructions. The installation took eight days from delivery to completion.



# Project Solutions

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

Custom Frames are fabricated specifically for a certain project, and are on site in 4 weeks from design approval.

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

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





## Bespoke Frame

Project specific design using stocked components & on site in 3-5 working days from design approval.

## Custom Frame

Fabricated as required when standard stock is not suitable.  
On site in 4 weeks from design approval.



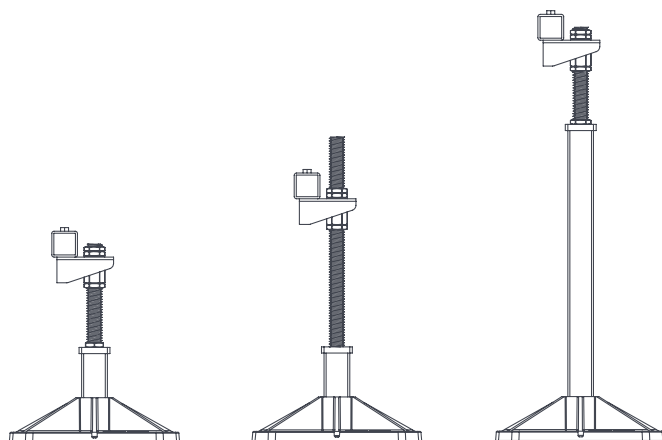
HD Clamp



HD Mounting Plate

CROSS BAR OPTIONS	
Section (mm)	Length range (mm)
40 x 40	900 - 1500
50 x 50	1500 - 2100
100 x 50	1600 - 3500

LEG ASSEMBLY OPTIONS	
Description	Height adjustment (mm)
Standard Leg Assembly	290 - 400
Long Stud Leg Assembly	290 - 610
Long Box Leg Assembly	730 - 825



Standard Leg Assembly

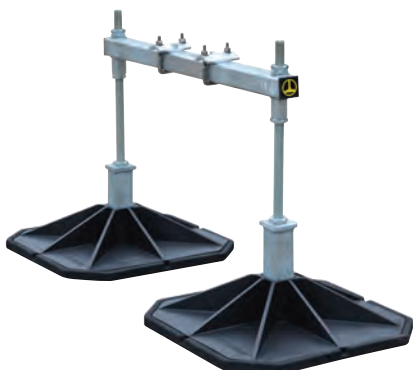
Long Stud Leg Assembly

Long Box Leg Assembly

## Beam Support

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

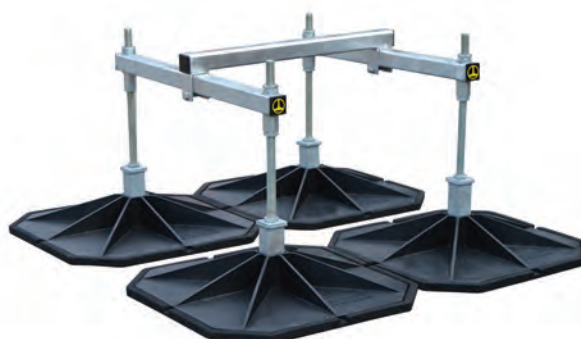
- Distributes unit load directly over roof structural beams.
- Ideal for supporting heavy plant on steel plinth spanning large areas.
- On site in 3-5 working days from design approval.

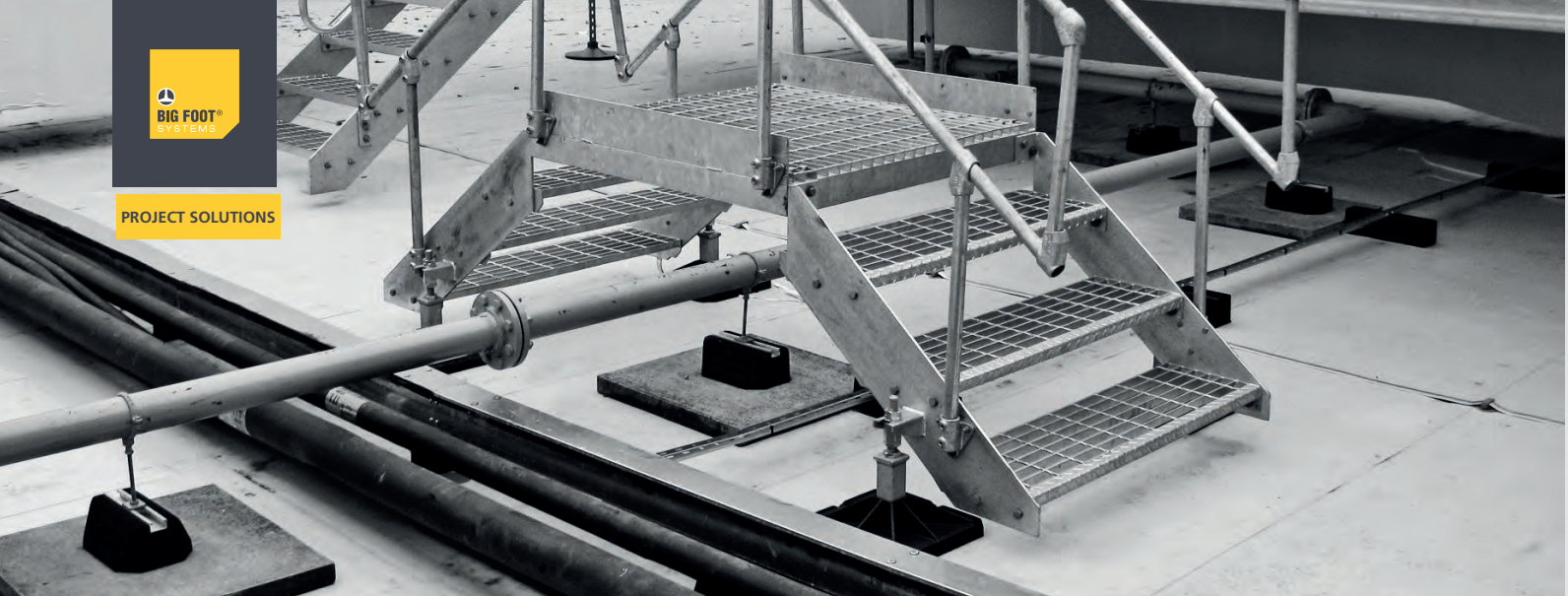


## Point Load Support

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

- Positioned directly under chiller mounting points.
- Offers excellent load distribution in heavy plant applications.
- On site in 3-5 working days from design approval.





## 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.

### KEY FEATURES

- Non-penetrative Roof Mounted System.
- Cost Effective; Quick to Install; Fully Adjustable.
- Design to British Standards.
- 10 Years Product Guarantee.



## Step Over Platform

### KEY FEATURES

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





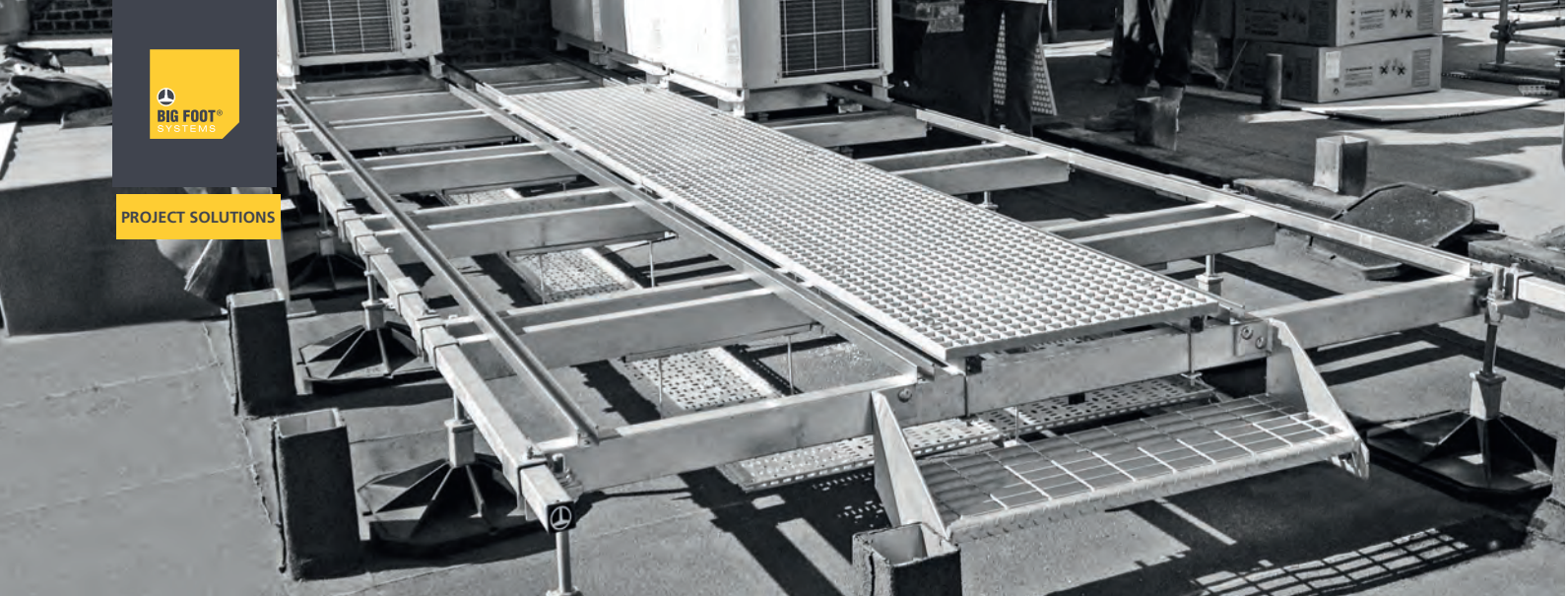
## Walkway

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.

### KEY FEATURES

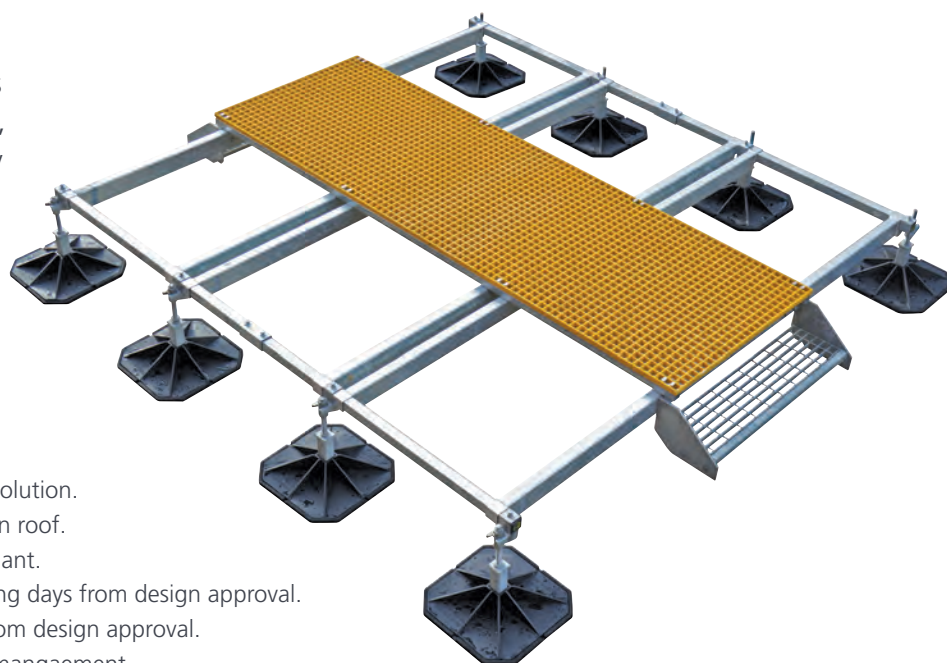
- Easy fixing system for fast site installation.
- Flexible solution with 3 length options available from stock.
- Supported on Fix-it Foot for tried and tested stability and reduced vibration.
- Safe non-slip GRP walkway.
- Flat packed for ease of handling.





## Plant Deck

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



### KEY FEATURES

- A non-penetrative and cost effective solution.
- Safe and easy access to installations on roof.
- Excellent load distribution for heavy plant.
- Bespoke Solution on site in 3-5 working days from design approval.
- Custom solution on site in 4 weeks from design approval.
- Project specific calculations and load management.
- Versatile modular design to give greater flexibility on-site.
- Hot dipped galvanized carbon steel for all weather application.
- Suitable for all types of roof finish.
- Foot protection fleeces to safeguard against polymer migration on all membrane roof finish.
- Roof membrane integrity upheld due to no penetrations.
- 10 year certified product guarantee.



## Screen Support

Big Foot Systems offers bespoke and custom support solutions specifically designed for supporting both screening and acoustic louvre used on flat rooftops.

Used to help to hide unsightly equipment or conceal noise from plant and machinery within built-up areas, our system is ideal for a wide range of commercial and industrial applications without penetrating the roof. Using our HD Beam supports, bespoke steel section and either A-Frame or post support.

### KEY FEATURES

- Non-penetrative Roof Mounted System.
- Design to fit a variety of screens of any size.
- On site in 4 weeks from design approval.
- Project Specific Wind Analysis.
- Ballast Supplied as Required for Stability.
- Foot Protection for all Membrane Roofs.
- Project Specific Load Management.
- M&E Equipment can be incorporated.
- 10 Years Product Guarantee.

### SUITABILITY

- Wind Exposed Environments.
- All types of Roof Finish.
- For Use Between -40°C to +80°C.
- All Weather Application.

### Note:

Ballast slabs maybe necessary to achieve wind loading requirement.  
M&E support can be incorporated into design as ballast replacement.



Big Foot HD Beam  
Available in a range of foot  
sizes and heights to suit all projects



---

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