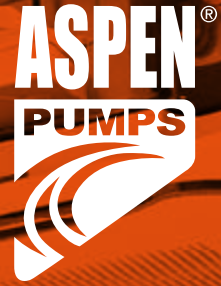




PRODUCT GUIDE





**ASPEN
PUMPS
GROUP**

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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.



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Pump Selector

	System Type							Duty @ 50Hz					Mounting			
	Cassette	Wall mount	Ducted	Under ceiling	Humidifier	De-humidifier	Floor type	Max. flow (L/hr)	Max. rec. head (m)	Suction lift (m)	Sound dB(A)	Max. kW / Btu's*	Trunking	In unit	Remotely	Below unit
Silent+	Micro-v i ⁴ (100-250V)	•	•	•			•	14.5	10	2	19	19.3 / 66k	✓			
	Mini Orange (230V)	•	•	•				12					✓			-
	Mini Lime (230V)	•	•	•							-	20	16 / 54k	✓	-	
	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)	•	•	•			•			2	21	16 / 54k	✓			
	Mini Blanc (230V)	•						12	10	-			-		✓	
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	
	Dairy case	Chillers	Max. flow (L/hr)	Max. rec. head (m)	Sound dB(A)	Max. kW / Btu's*	In unit	Below unit
Supermarket	✓	✓	190	21	60	-	✓	✓
			225	35		-		
			700	18		-		
			225	35	-			
			780	8.5	64	-		
			780	8.5	64	-		

What is univolt?

A Univolt pump can be used on any AC voltage power supply across the globe.

UNIVOLT

	Condensing Boiler Type		Duty @ 50Hz				Mounting	
	Gas	Oil	Max. flow (L/hr)	Max. rec. head (m)	Sound dB(A)	Max. kW / Btu's*	Wall	Floor
Boiler	✓	-	12	10	21	45 / 153k	✓	-
		✓	550	5	44	200 / 682k		

*Water quantity based on cooling capacity may vary geographically

Micro-v^{i⁴}: no breather tube and soft start

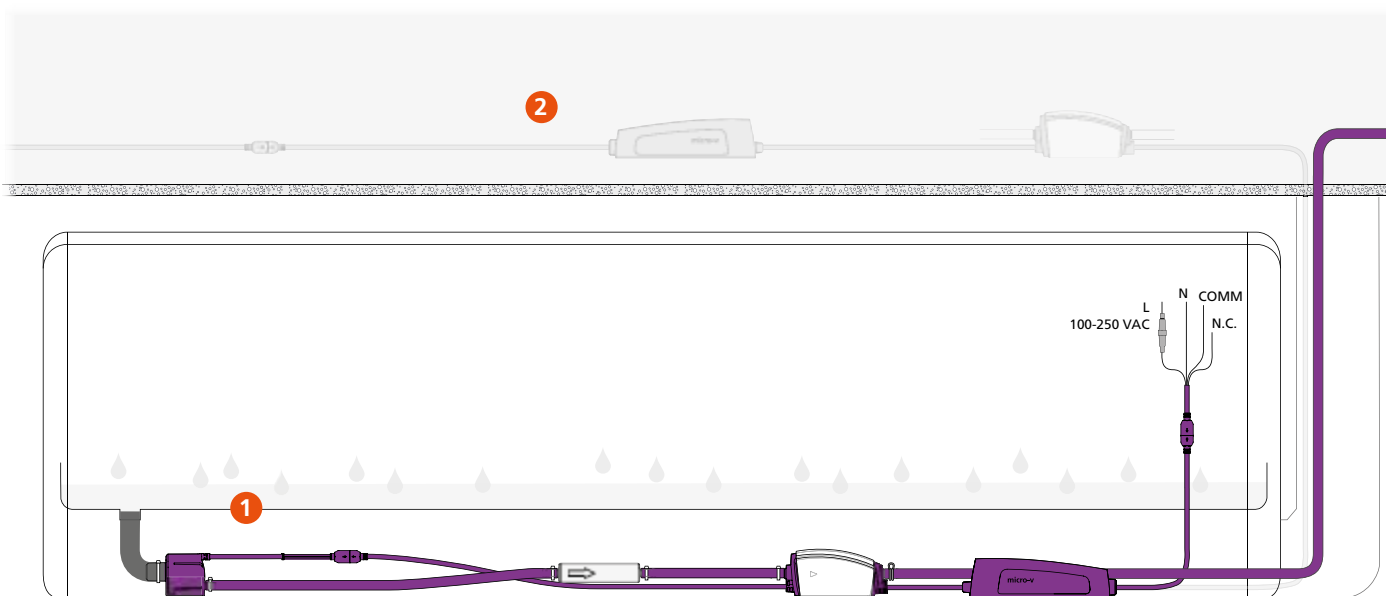
The award-winning Micro-v condensate removal pump with no breather tube fits into the smallest of spaces. On-demand operation and floatless technology delivers silent running and a longer pump life.

- 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
- **i⁴ technology** built in – installation, operation & maintenance even easier
- All backed by a 2 year maintenance free warranty!



Micro-v i⁴

✓ **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 ^{i⁴}

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.

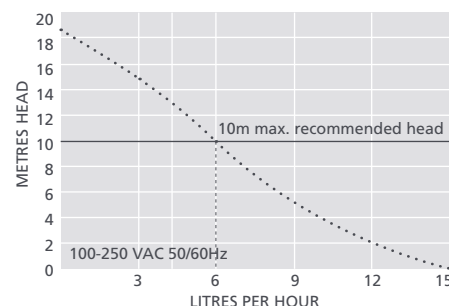
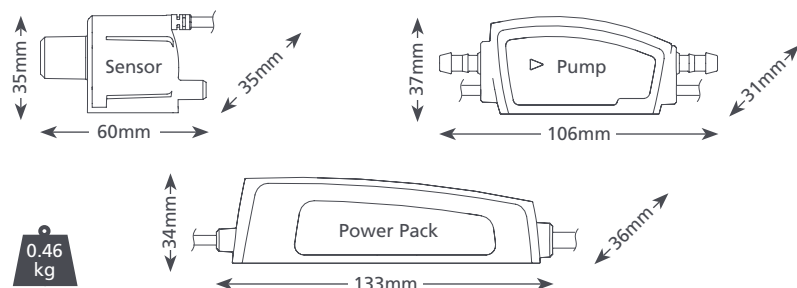
- 14.5L/h max. flow
- 10m max. rec. head (flow rate 6L/h)
- 19dB(A) @ 1m

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 ⁴ @ 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 ⁴ OPTIONS	
Micro-v i ⁴ (Europe)	FP1200

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

IN THE BOX
Micro-v i ⁴ 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 aspenspumps.com
- View install video at aspenspumps.com

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

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



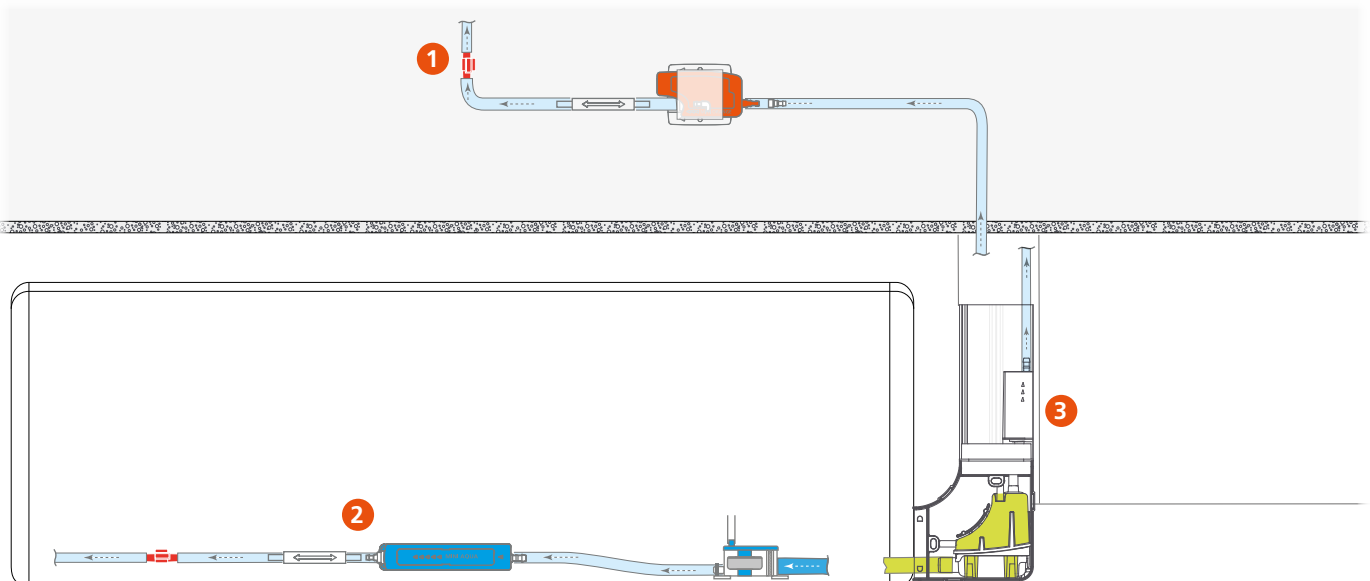
Silent+ Mini Aqua®

✓ **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

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

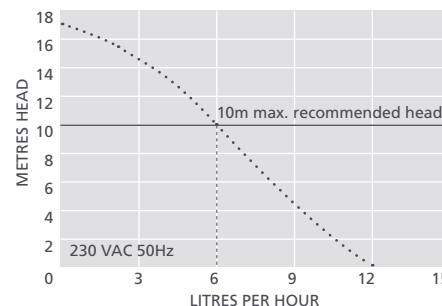
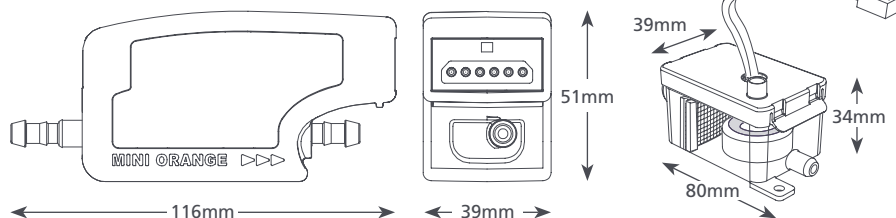
- Quietest in its class
- Submersible secondary reservoir included
- Plug & play

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

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 aspenspumps.com
- View install video at aspenspumps.com

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

Information correct at time of going to press.



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

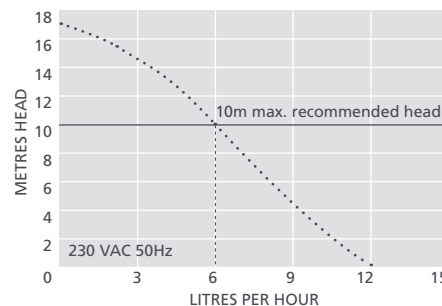
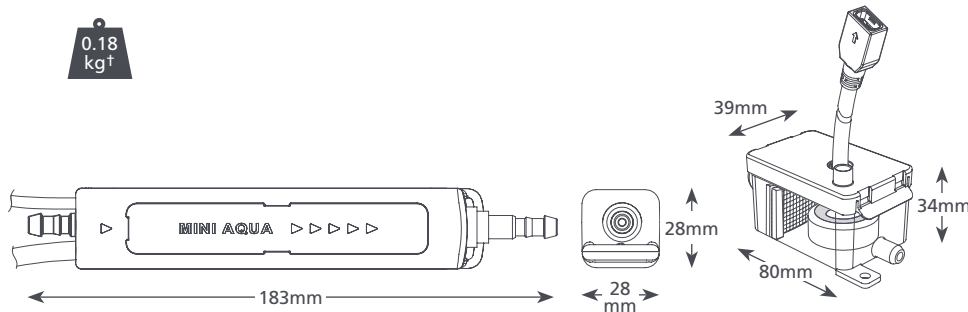
SUITABILITY

- 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 aspenspumps.com
- View install video at aspenspumps.com

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

Information correct at time of going to press.

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

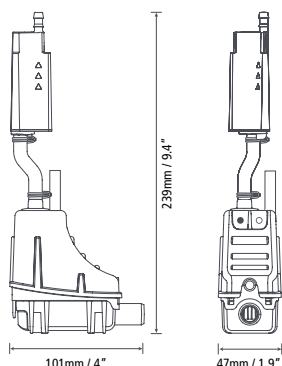
- Anti-vibration damper
- Pump sits in trunking elbow
- LEDs provide visual operating feedback

SUITABILITY

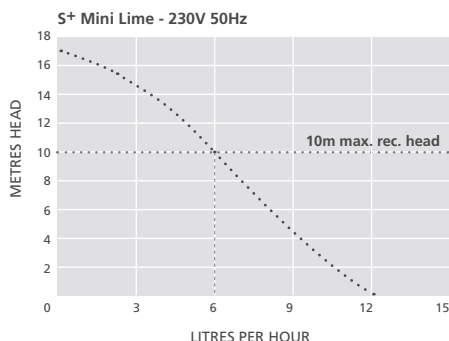
- Up to 16kW / 54,000Btu/h
- High wall split systems
- Left or right install with range of trunking systems



✓ **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 <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	5.0A N.C. / N.O.**
Thermal protection	✓
Self priming	✓

SILENT+ MINI LIME SYSTEM OPTIONS

System	Colour	Part No.
Slimline	<input type="radio"/> Ivory <input type="radio"/> White	FP3312/2 FP3319/2
SpeediDuct (BBJ)	<input type="radio"/> Ivory <input type="radio"/> White	FP3316/2 FP3320/2
Inoac	<input type="radio"/> Ivory <input type="radio"/> White	FP3317/2 FP3321/2
Artiplastic	<input type="radio"/> Ivory <input type="radio"/> White	FP3315/2 FP3314/2
Optimal (EU ONLY)	<input type="radio"/> White	FP3327/2
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 aspenspumps.com



View install video at aspenspumps.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.

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...

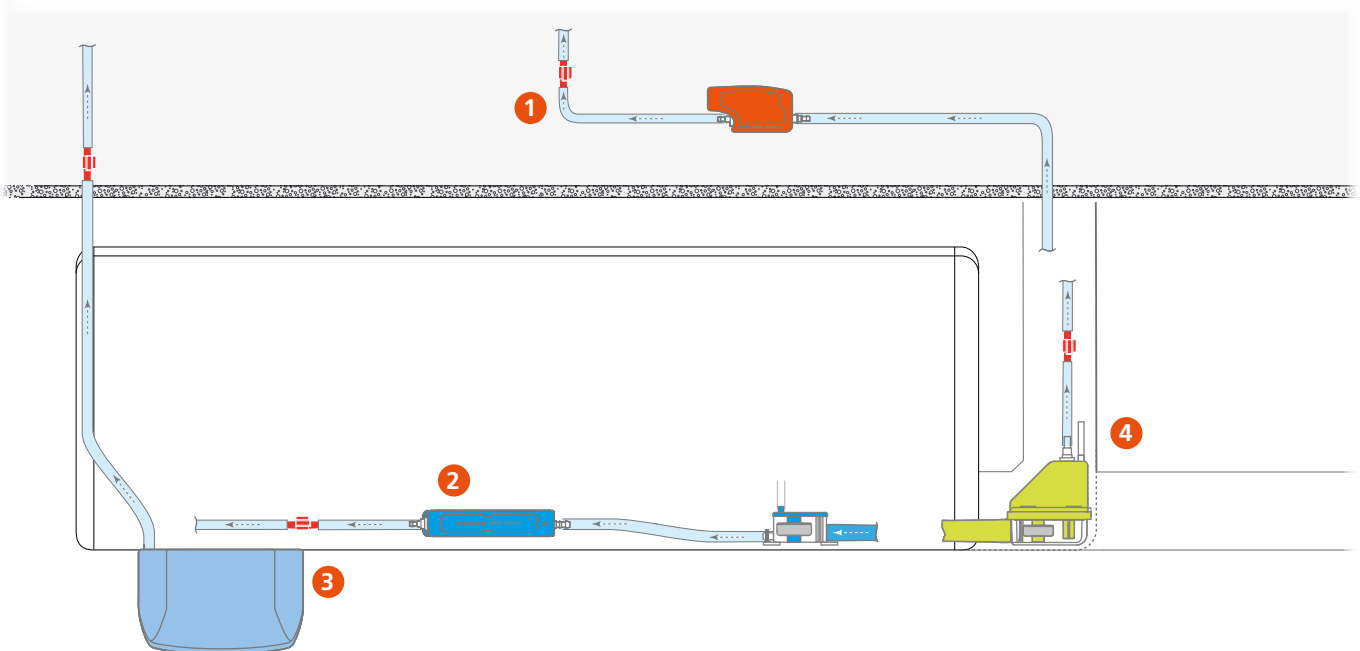
Domestic use – where easy maintenance is key



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[®]

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

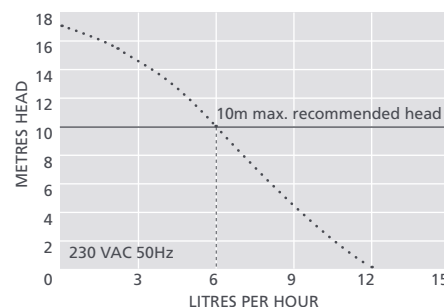
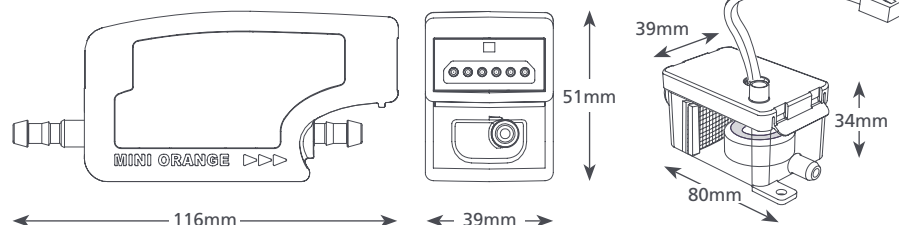
- Submersible secondary reservoir included
- Plug & play
- Anti siphon device

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†



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 (Europe)	FP2212
† Pump only	

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

SUGGESTED XTRA ACCESSORIES

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

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

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

A woman with short brown hair and sunglasses on her head is sitting on a blue beanbag chair, reading a book and using a laptop. She is in a living room with a light blue sofa, a round wooden coffee table with a potted plant and a smartphone, and a large window. A white Mini Aqua air conditioner is mounted on the wall above the sofa.

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

Mini Aqua[®]

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

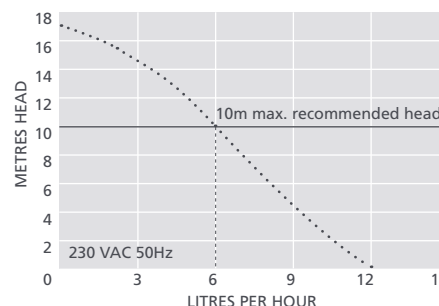
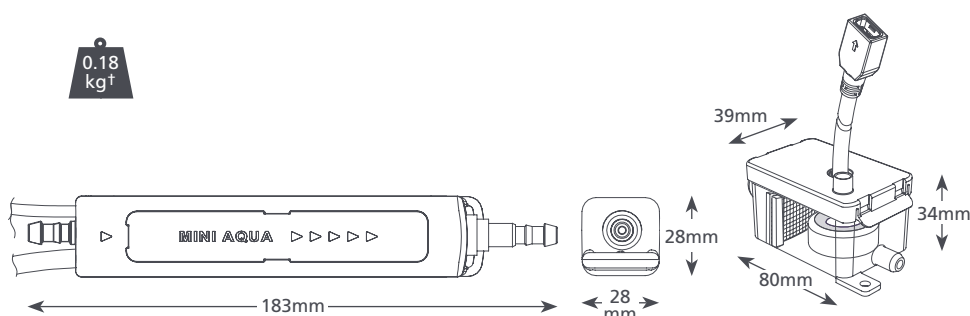
- Ultra slim
- High performance
- Plug & play
- Anti siphon device

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



0.18 kg†



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 (Europe)	FP2406/2
† Pump only	

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

SUGGESTED XTRA ACCESSORIES

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

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

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

Information correct at time of going to press.

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)

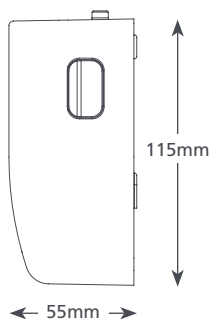
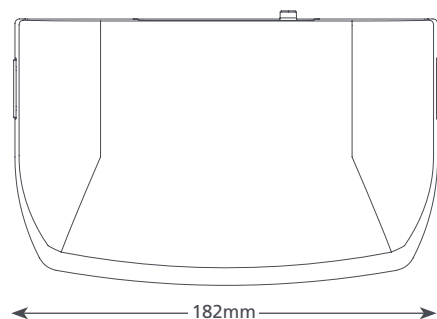
21dB(A) @ 1m

KEY FEATURES

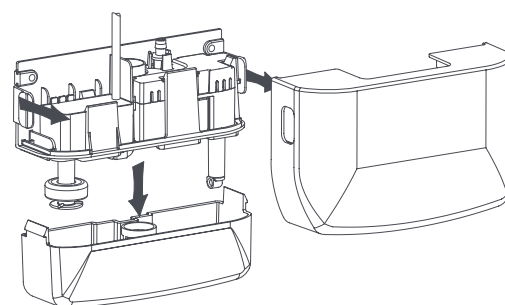
- Extra quick to fit
- Compact & discreet
- Clear removable reservoir
- Ultra quiet operation

SUITABILITY

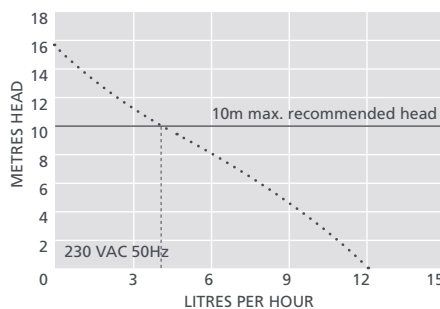
- Up to 16kW / 54,000Btu/h
- High wall mini split systems
- ✓ **Perfect for...** Domestic use – where easy maintenance is key



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 (Europe)	FP1080/2
---------------------	----------

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 aspenspumps.com
- ▶ View install video at aspenspumps.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

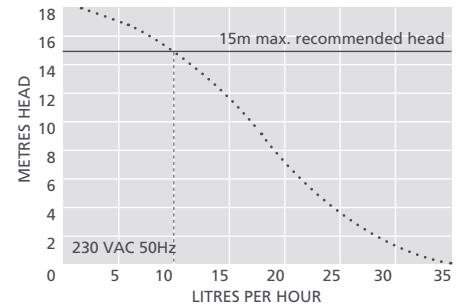
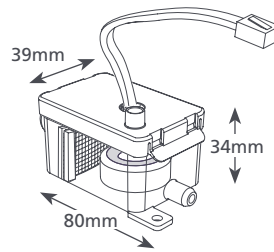
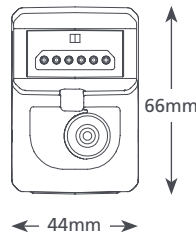
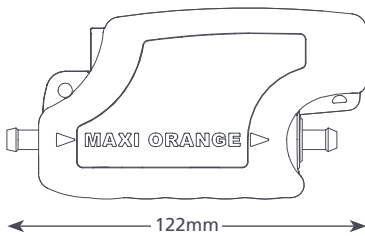
- High power motor
- Superior performance
- Submersible secondary reservoir included

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 (Europe)	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 aspenspumps.com
View install video at aspenspumps.com

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

Information correct at time of going to press.

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)

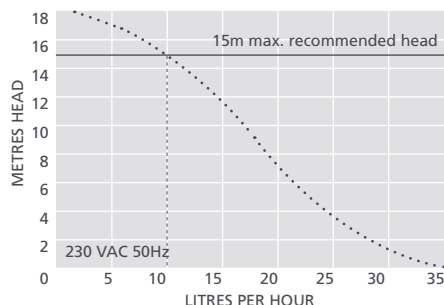
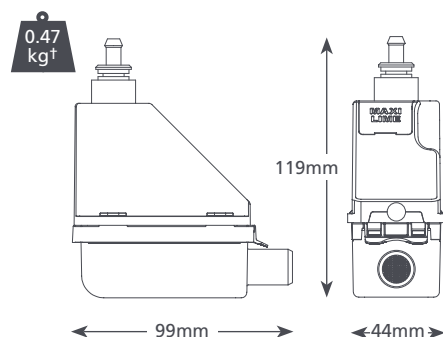
35dB(A) @ 1m

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 (Airco)	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 aspenspumps.com

View install video at aspenspumps.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 & 2L

✓ Perfect for...

High head applications



Heavy Duty 6 & 10

✓ Perfect for...

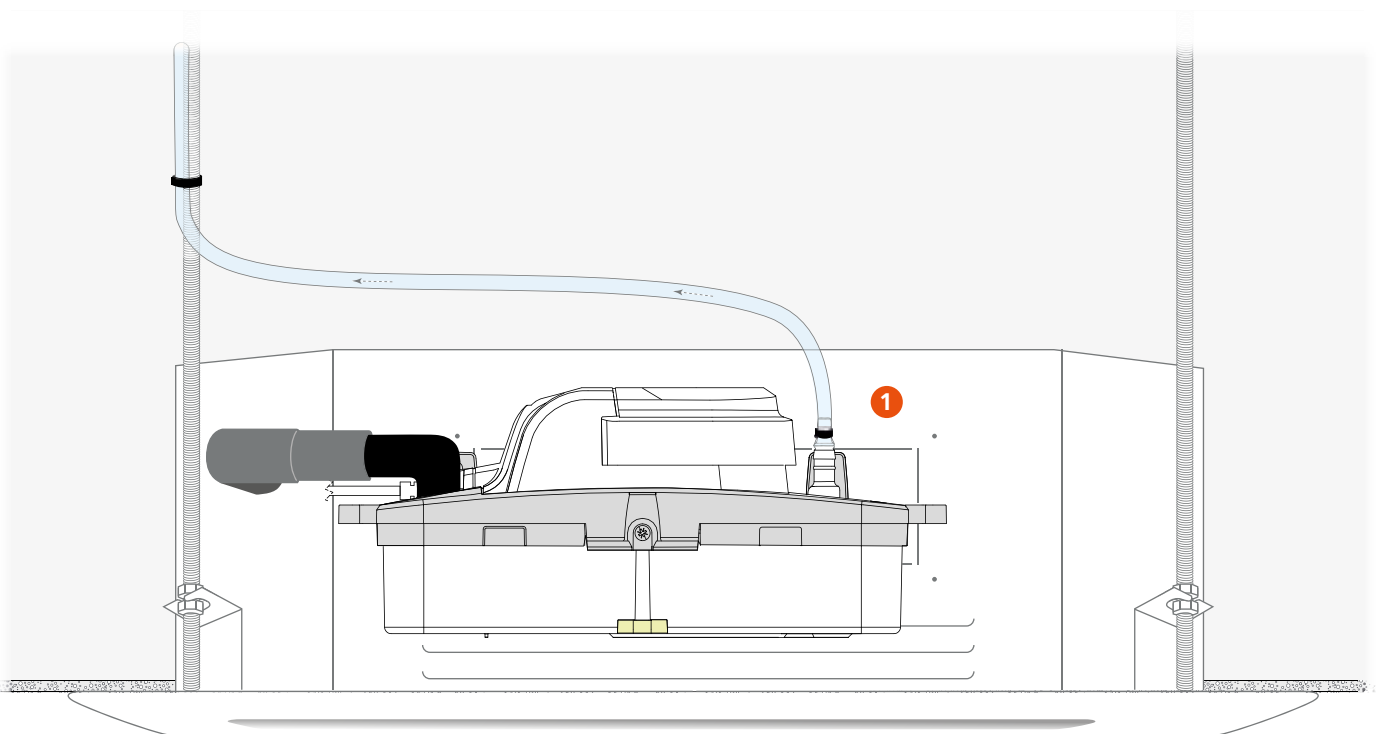
Large volumes of water



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

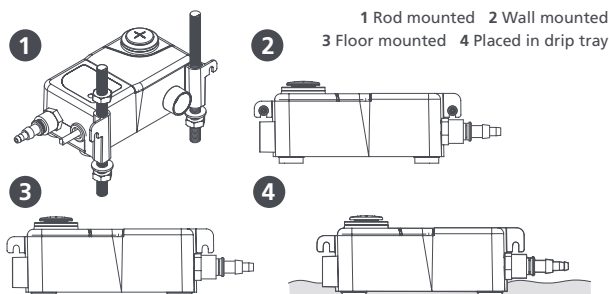
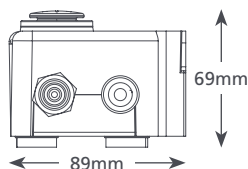
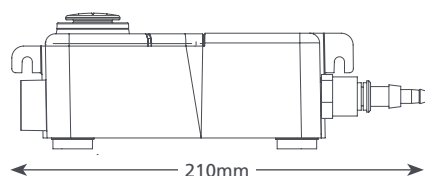
SUITABILITY

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

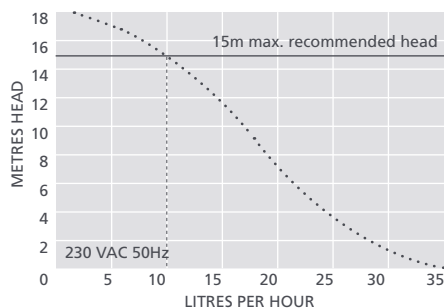
✓ **Perfect for...** Installation versatility



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)	AX5200



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



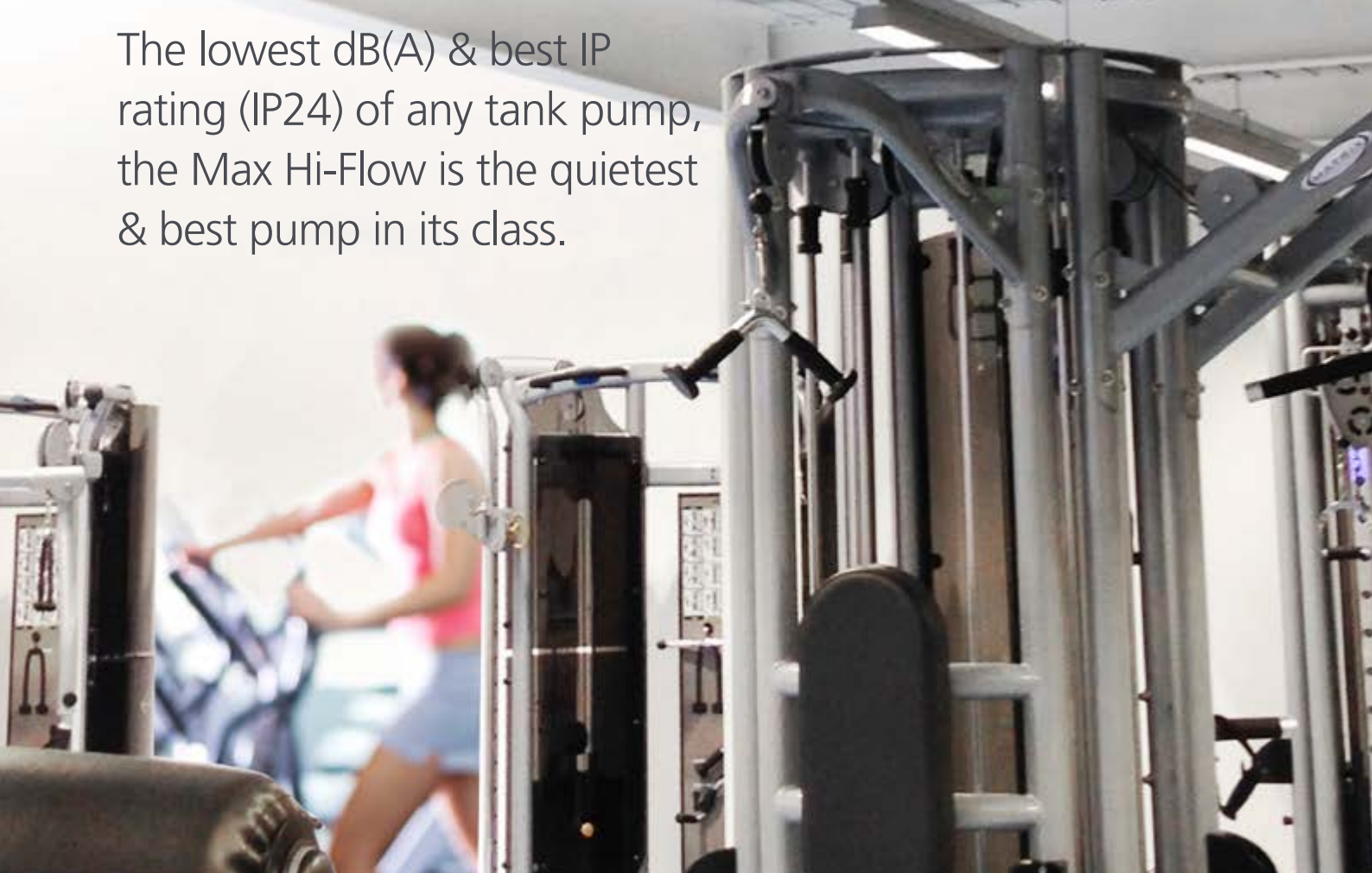
Download manual at aspenspumps.com



View install video at aspenspumps.com



The lowest dB(A) & best IP rating (IP24) 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 & best IP rating (IP24 splash proof) 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

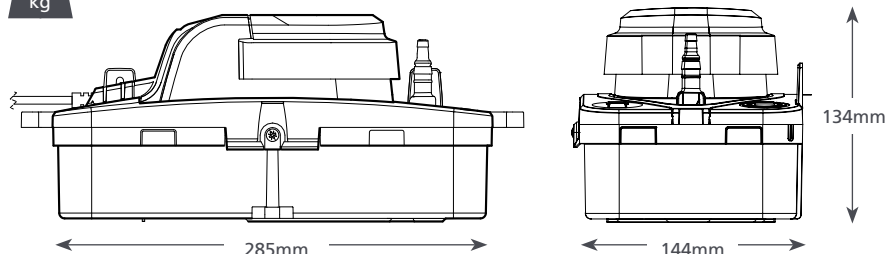
- IP24 - Splash proof
- Easy access tank
- Built in spirit level
- Plug & play

SUITABILITY

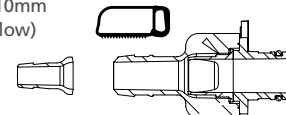
- Up to 733kW / 2.5m Btu/h
- Ducted units; Floor standing & Chassis units; Cassette units
- ✓ **Perfect for...** Large commercial units



1.65 kg

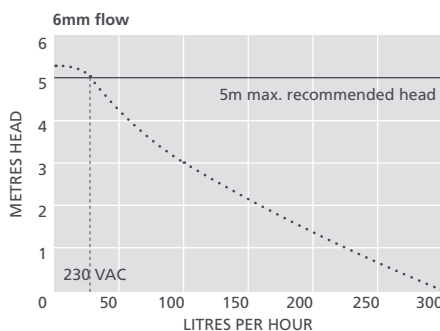
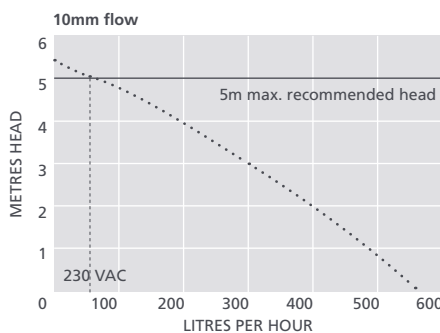


Non-return valve can be cut from 6mm to 10mm (see graphs below)



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 persaltic tank pump offers unsurpassed high head and unmatched reliability.



11L/h max. flow



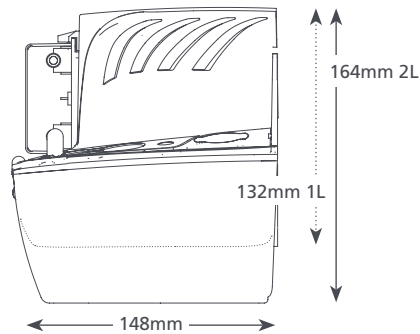
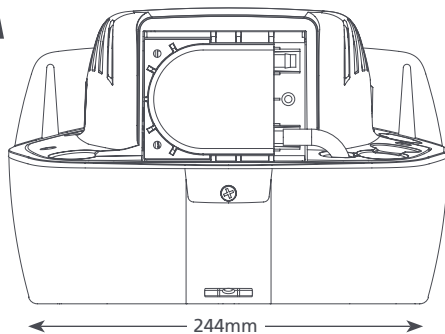
12m max. head
(flow rate 11L/h)

KEY FEATURES

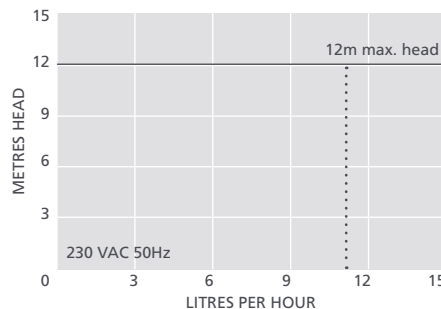
- High head
- Easy fit & maintenance
- Easy access clean tray
- Built in spirit level

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

Xtra 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 aspenspumps.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



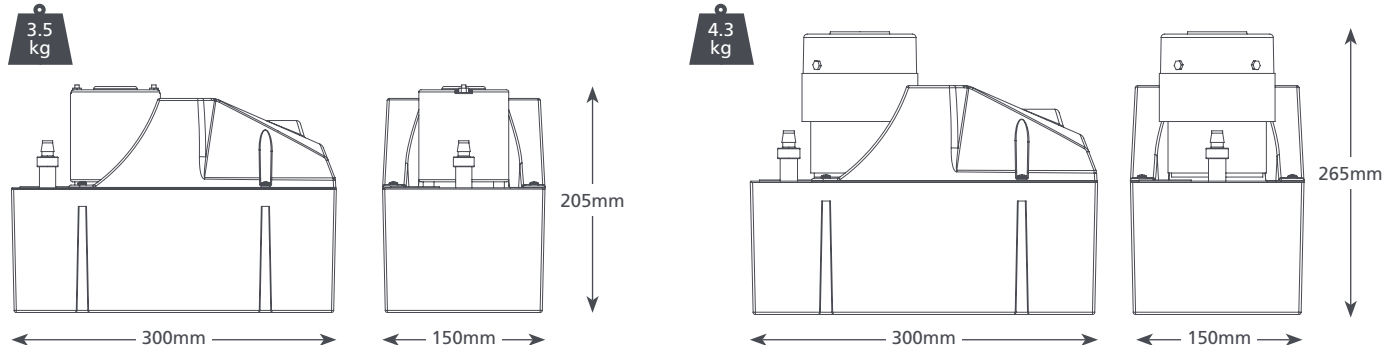
HD6: 6m max. rec. head
(flow rate 180L/h)
HD10: 9m max. rec. head
(flow rate 100L/h)

KEY FEATURES

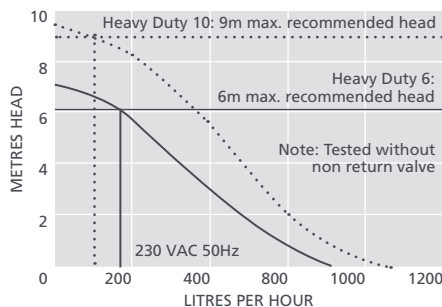
- High flow rate
- Non return valve
- Easy installation
- 4 litre tank capacity

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

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

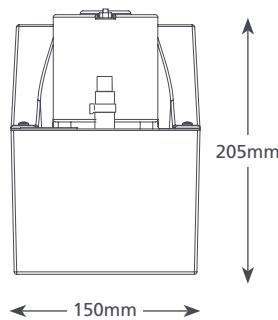
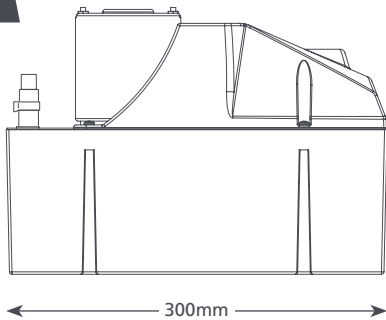
SUITABILITY

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

✓ Perfect for... Hot water temperatures

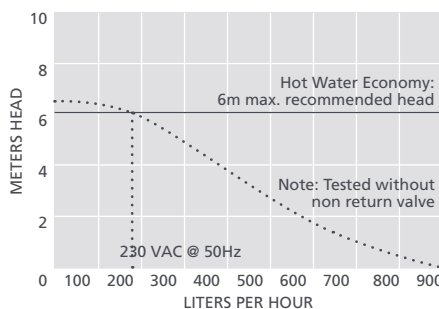


3.6 kg



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



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

HOT WATER ECONOMY OPTIONS

Hot Water Economy	FP2092/2
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IN THE BOX

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

Download manual at aspenspumps.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



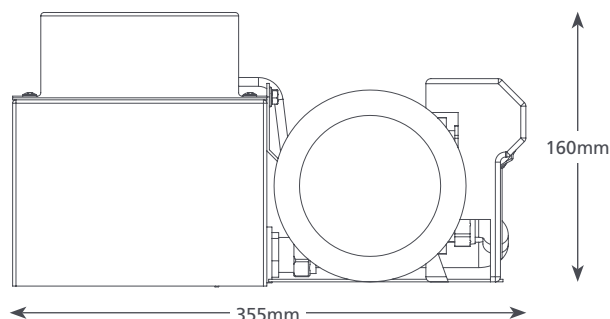
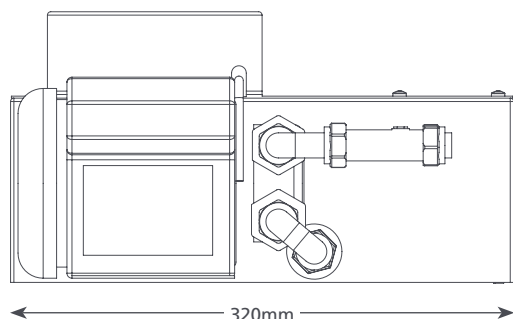
15m max. rec. head (flow rate 10L/h)

KEY FEATURES

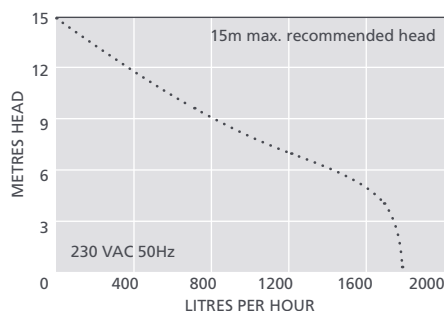
- High flow rate
- Handles 80°C water
- Non return valve
- Easy installation

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 Class	Continuously 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

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

HOT WATER HEAVY DUTY OPTIONS

Hot Water Heavy Duty **FP2132**

IN THE BOX

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

Download manual at aspenspumps.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...

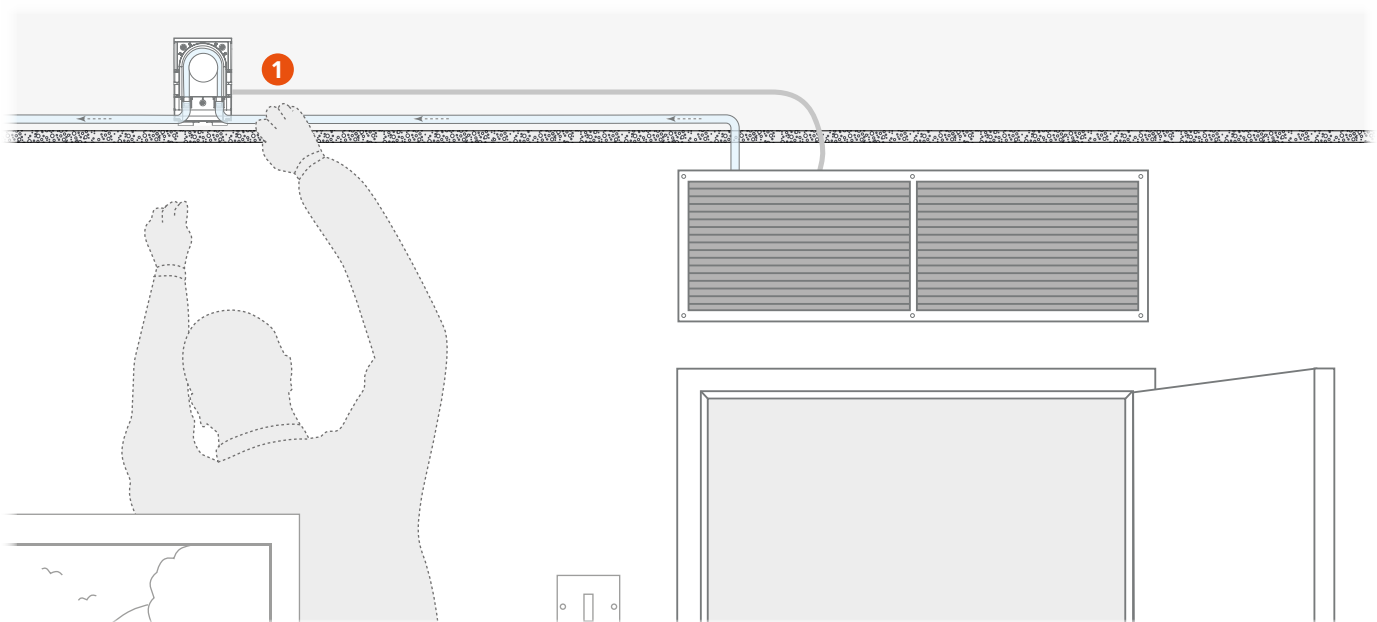
Drain pan water level
sensor operation



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



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

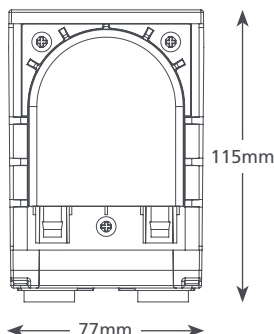
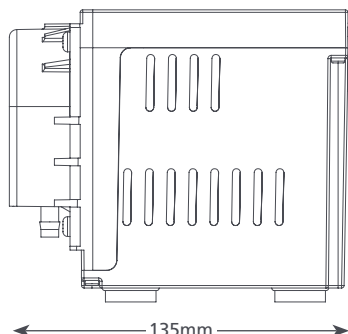
- Air temp. sensor operated
- Remote install possible
- Pumps contaminated water
- Can run dry

SUITABILITY

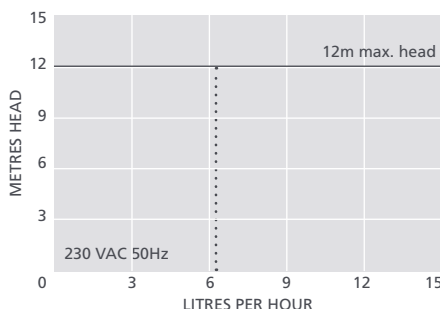
- Up to 8.5kW / 29,000Btu/h
- High wall split systems; Ducted units; Floor standing & Chassis units
- ✓ **Perfect for...** Air temperature operation



1.35 kg



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

Xtra 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 aspenspumps.com
- View install video at aspenspumps.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)

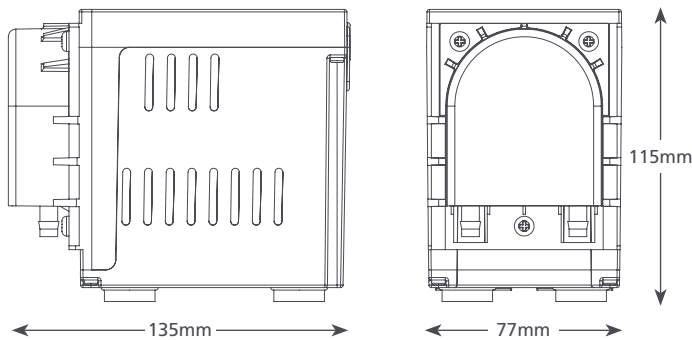
1.35 kg

KEY FEATURES

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

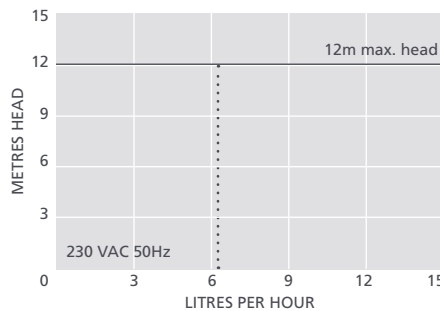
SUITABILITY

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



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 aspenspumps.com
- ▶ View install video at aspenspumps.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

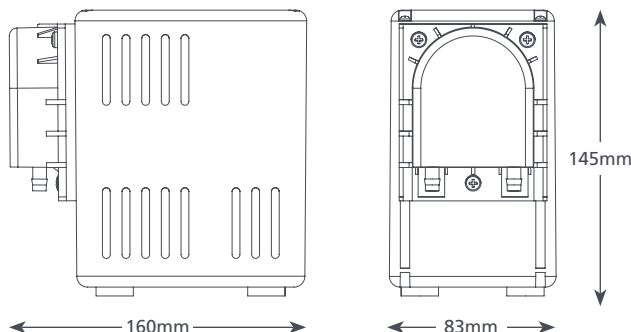
- Water sensor operated
- Remote install possible
- Pumps contaminated water
- Can run dry

SUITABILITY

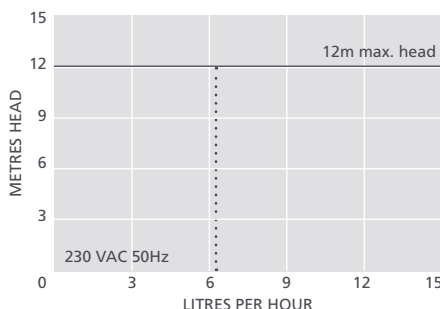
- Up to 8.5kW / 29,000Btu/h
 - High Wall Split Systems; Ducted units; Floor standing & Chassis units
- ✓ **Perfect for...** Drain pan water level sensor operation



1.7 kg



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
- View install video at 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). Alarm option available.

6.5L/h max. flow

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

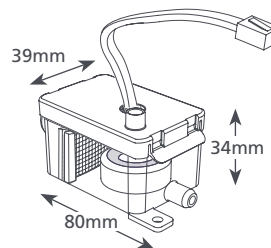
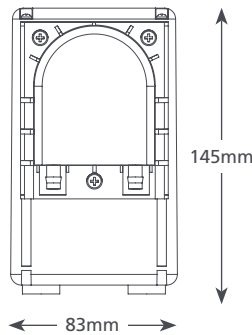
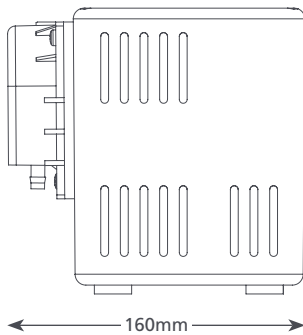
1.7 kg

KEY FEATURES

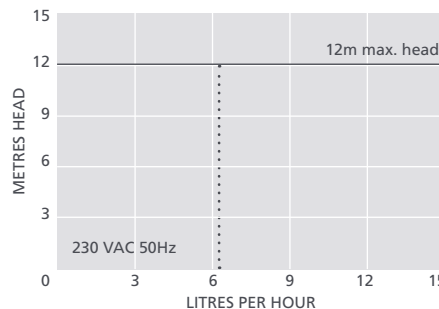
- Float switch operated
- Remote install possible
- Submersible secondary reservoir included

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



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	FP2078 n/a, FP2079 ✓
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
- View install video at 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

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



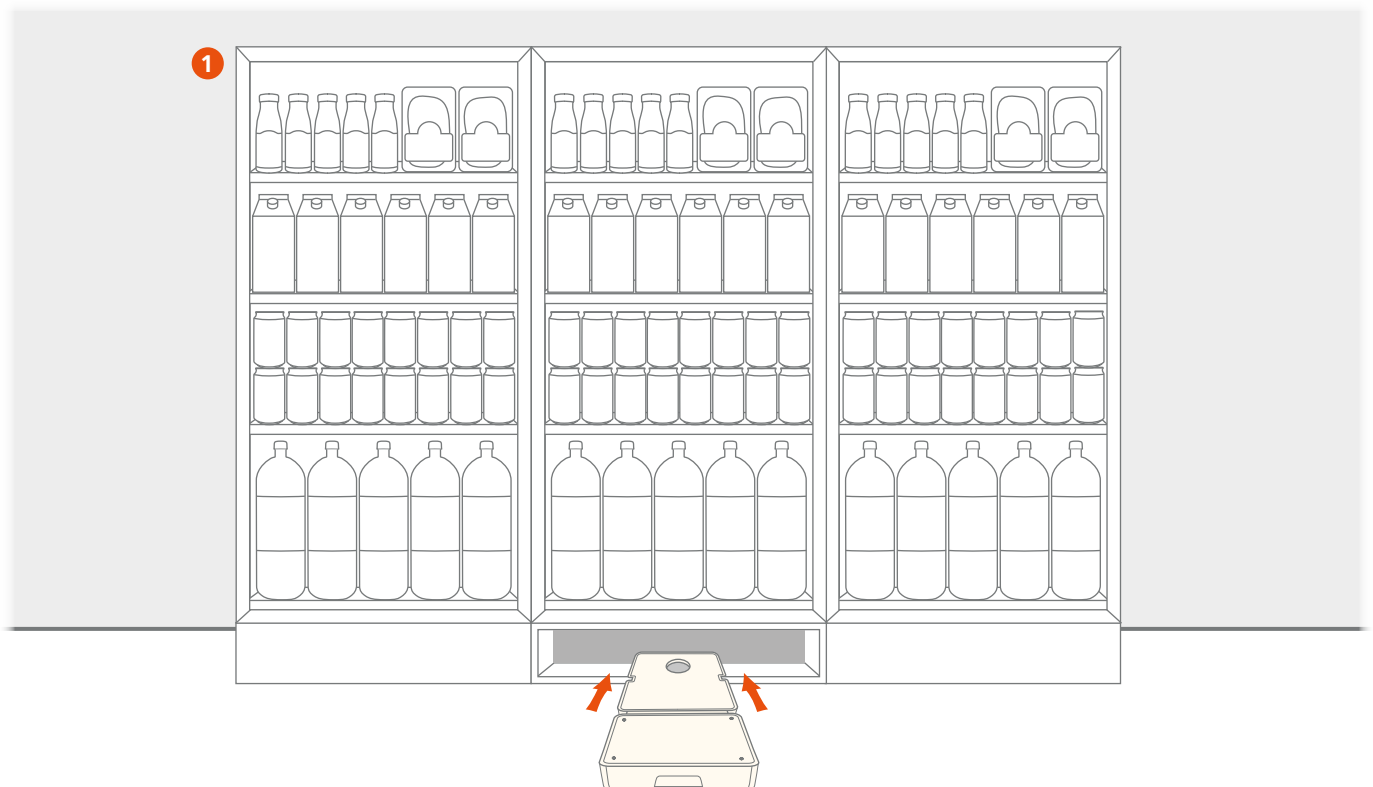
ERRP
✓ Perfect for...
 Multiple refrigeration units



Low Profile Cold Cabinet
✓ Perfect for...
 Multiple 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



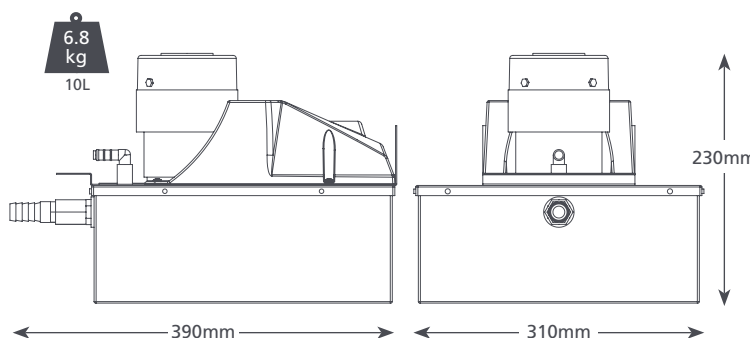
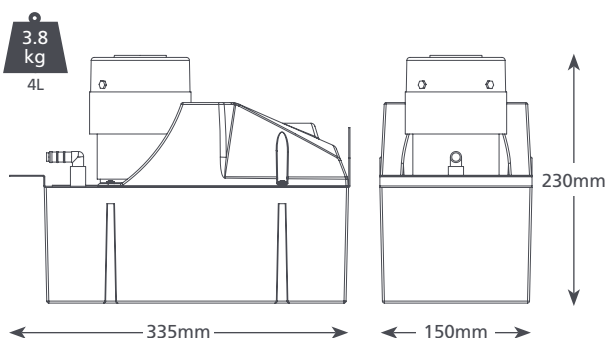
8.5m max. rec. head (flow rate 80L/h)

KEY FEATURES

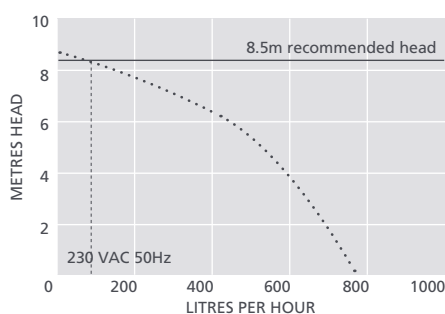
- Internal filter blade
- High flow & head
- Hi-level safety switch

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 aspenspumps.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



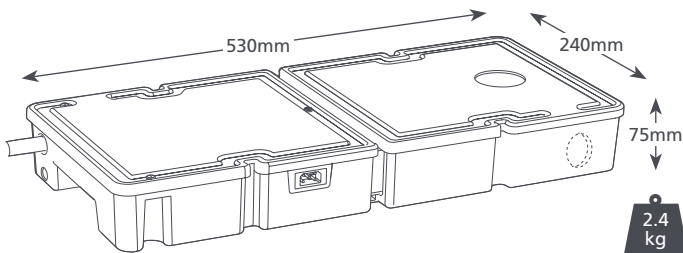
21m max. rec. head (flow rate 10L/h)

KEY FEATURES

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

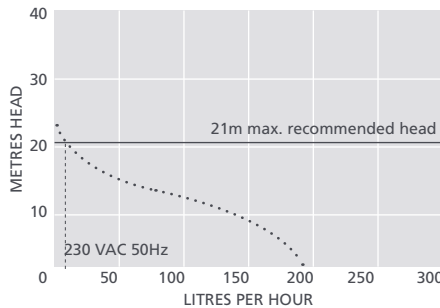
SUITABILITY

- 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

* Side inlet only

IN THE BOX

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

Download manual at aspenspumps.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

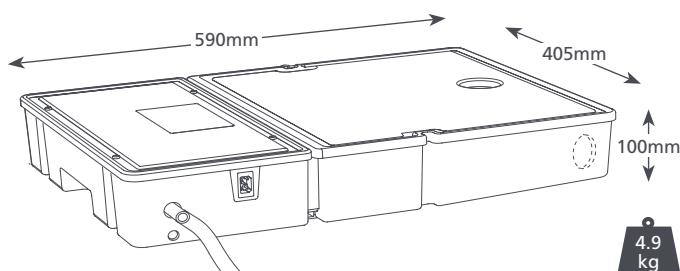
35m max. rec. head (flow rate 25L/h)

KEY FEATURES

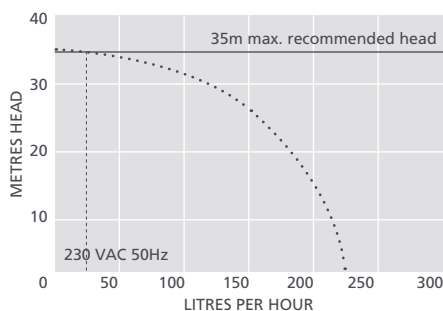
- Top & side inlet options
- Easy to clean & carry
- Filter to catch debris
- Plug & play

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

* Side inlet only

IN THE BOX

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

Download manual at aspenspumps.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. head (flow rate 10L/h)

KEY FEATURES

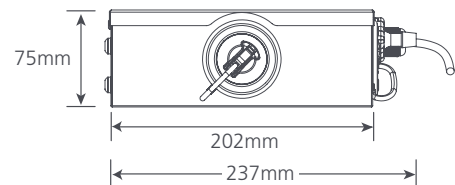
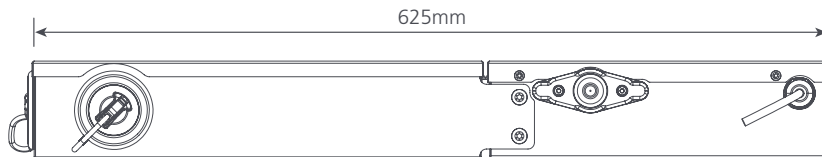
- Integrated jet flow dispersal system to reduce biofilm build up
- Robust, abrasion resistant stainless steel casing
- Multiple inlets for flexible installation (top, end & both sides)
- Shallow 75mm height, lower than traditional dairy units
- Removable barbed brass outlet connector for ease of maintenance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

SUITABILITY

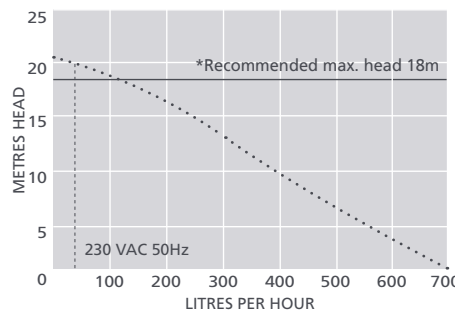
- Single refrigeration units, OEM
- ✓ **Perfect for...**refrigeration units with shallow access



4.8 kg



LOW PROFILE COLD CABINET @ 230 VAC 50Hz	
Max. flow	700L/h @ 0m head
Max. head	20m (Max. rec. 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



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

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

COLD CABINET OPTIONS

LP Cold Cabinet – top, end and both side inlets **FP3393**

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

Information correct at time of going to press.

Download manual at aspenspumps.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



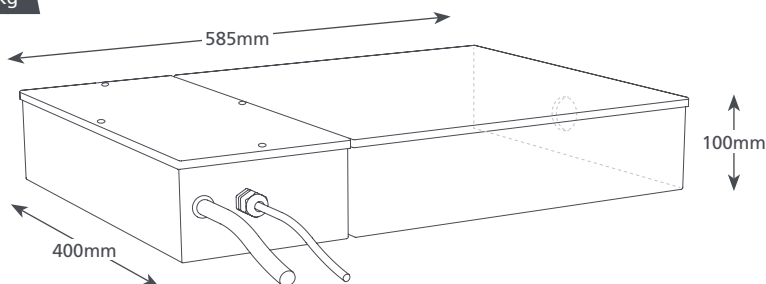
35m max. rec. head (flow rate 10L/h)

KEY FEATURES

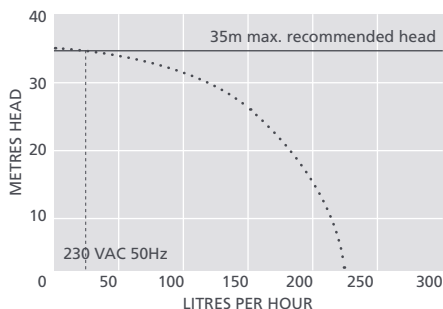
- Large reservoir
- Stainless steel case
- Plug & play

SUITABILITY

- Single and multiple refrigeration units, OEM
- ✓ **Perfect for...** Multiple refrigeration units



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 • 1/2" BSP connector (for 40mm ID waste pipe)* • Install manual

Download manual at aspenspumps.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.



Kitchen

✓ Perfect for...

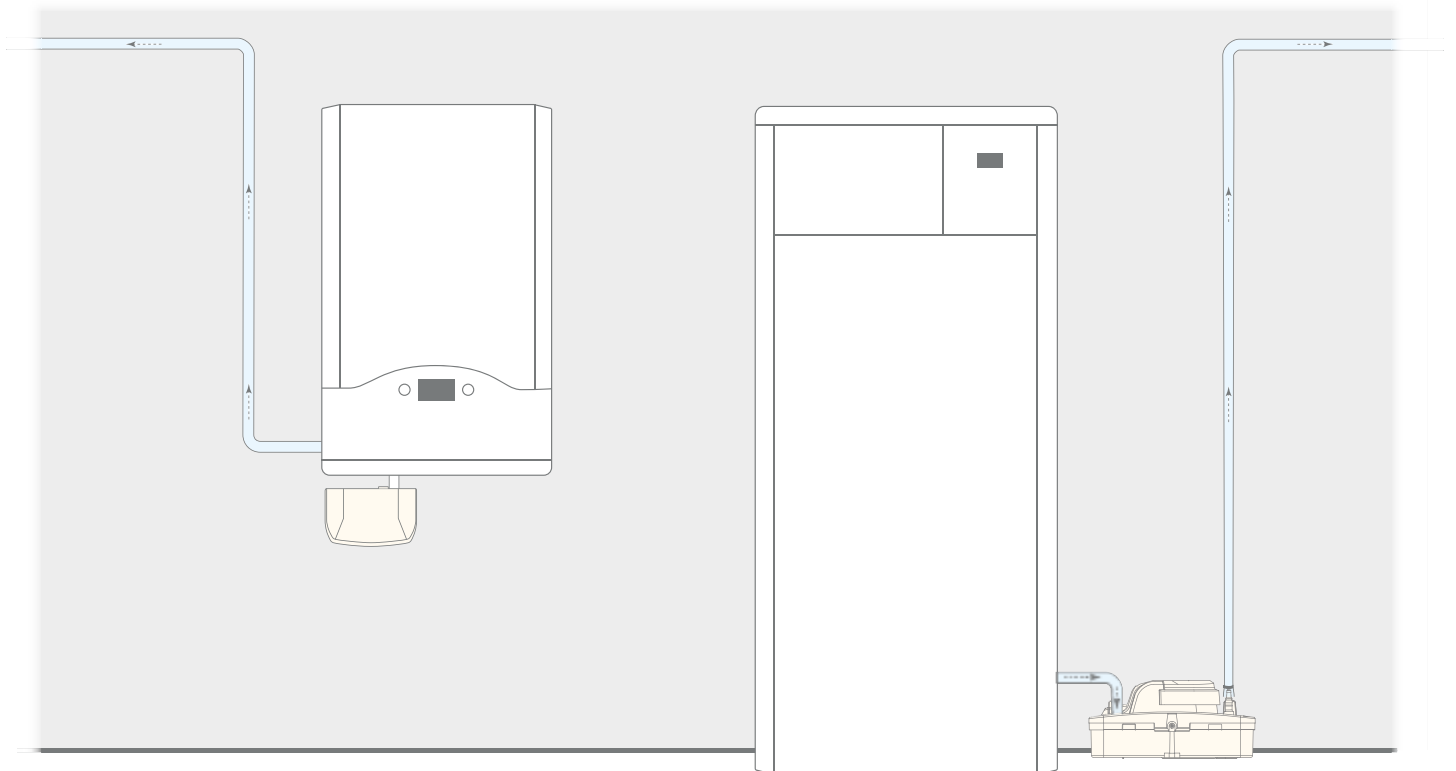
Domestic gas fired condensing boilers & furnaces



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.



Kitchen

CONDENSATE REMOVAL PUMP

Designed to take the heat! Extra quick & easy to fit, the Kitchen all-in-one boiler pump is designed to be fitted beneath domestic gas boilers and furnaces.



12L/h max. flow



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



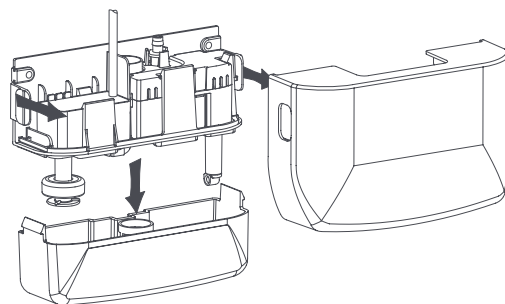
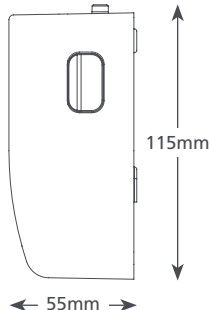
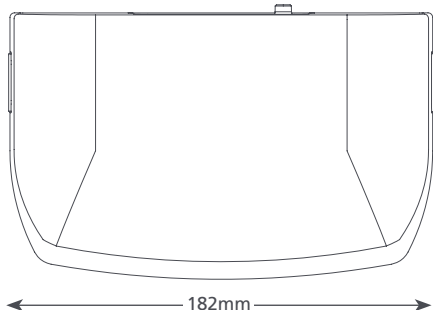
21dB(A)

KEY FEATURES

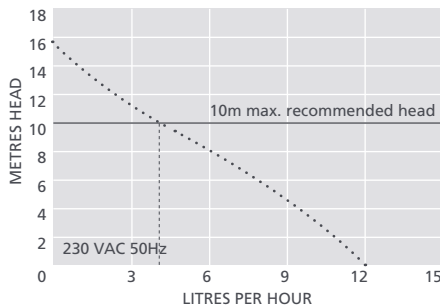
- Compact & discreet
- Mounts under boiler
- Quiet operation
- Clear removable reservoir

SUITABILITY

- Up to 45kW / 153,000Btu/h with condensate PH value >2.7
- ✓ **Perfect for...** Domestic gas fired condensing boilers & furnaces



KITCHEN BOILER @ 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, 0.1A, 50/60Hz
Rated	Non continuous
Class	II appliance <input type="checkbox"/>
Max. unit output	45kW / 153,000Btu/h
Max. water temp	60°C / 140°F
Inlet/outlet	20mm in, 6mm out
IP Protection	IP21
Safety switch	3.0A Normally closed
Thermal protection	✓
Fully potted	✓
Self priming	✓



KITCHEN BOILER OPTIONS	
Kitchen boiler pump (UK)	FP2948
Kitchen boiler pump (EU)	FP2943

SUGGESTED XTRA ACCESSORIES		
Description		Part No.
Tube To Soil Stack Adaptor		FP2038
1 Amp Fuse		FP2620
Vinyl Tube Braided 1/4" (6mm)		AX5100
Acid Neutraliser		FP1021

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

IN THE BOX
Kitchen boiler pump (inc. 1m power cable)
• 6m discharge tube (6mm ID) • Inlet adaptor for 22 & 28mm pipe • Pipe adaptor • Fixing kit • Install manual

Download manual at aspenspumps.com

Hi-Capacity

CONDENSATE REMOVAL PUMP

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



550L/h max. flow



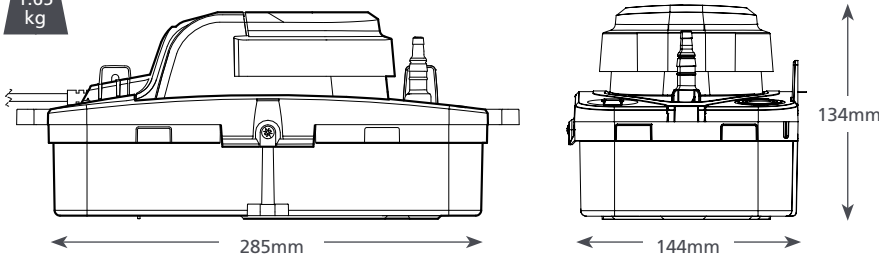
5m max. rec. head
(flow rate 10L/h)

KEY FEATURES

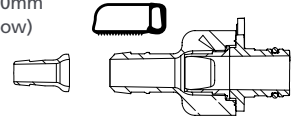
- Easy access tank
- Twist & click non return outlet barb
- Built-in spirit level
- Plug & play

SUITABILITY

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

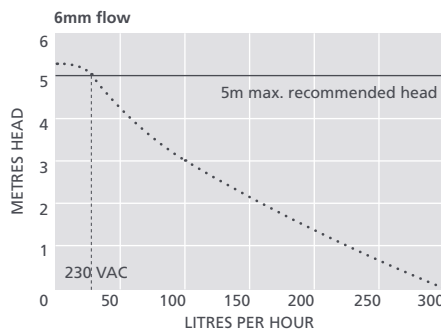
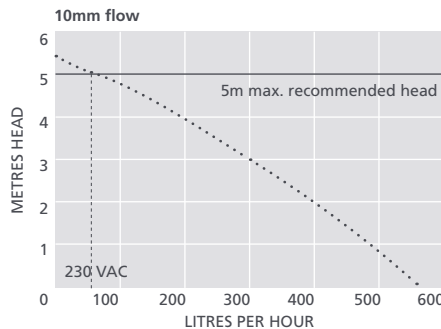


Non-return valve can be cut from 6mm to 10mm (see graphs below)



HI-CAPACITY @ 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



HI-CAPACITY OPTIONS

Hi-Capacity (EU)	FP3356
Hi-Capacity (UK)	FP3357

SUGGESTED XTRA ACCESSORIES

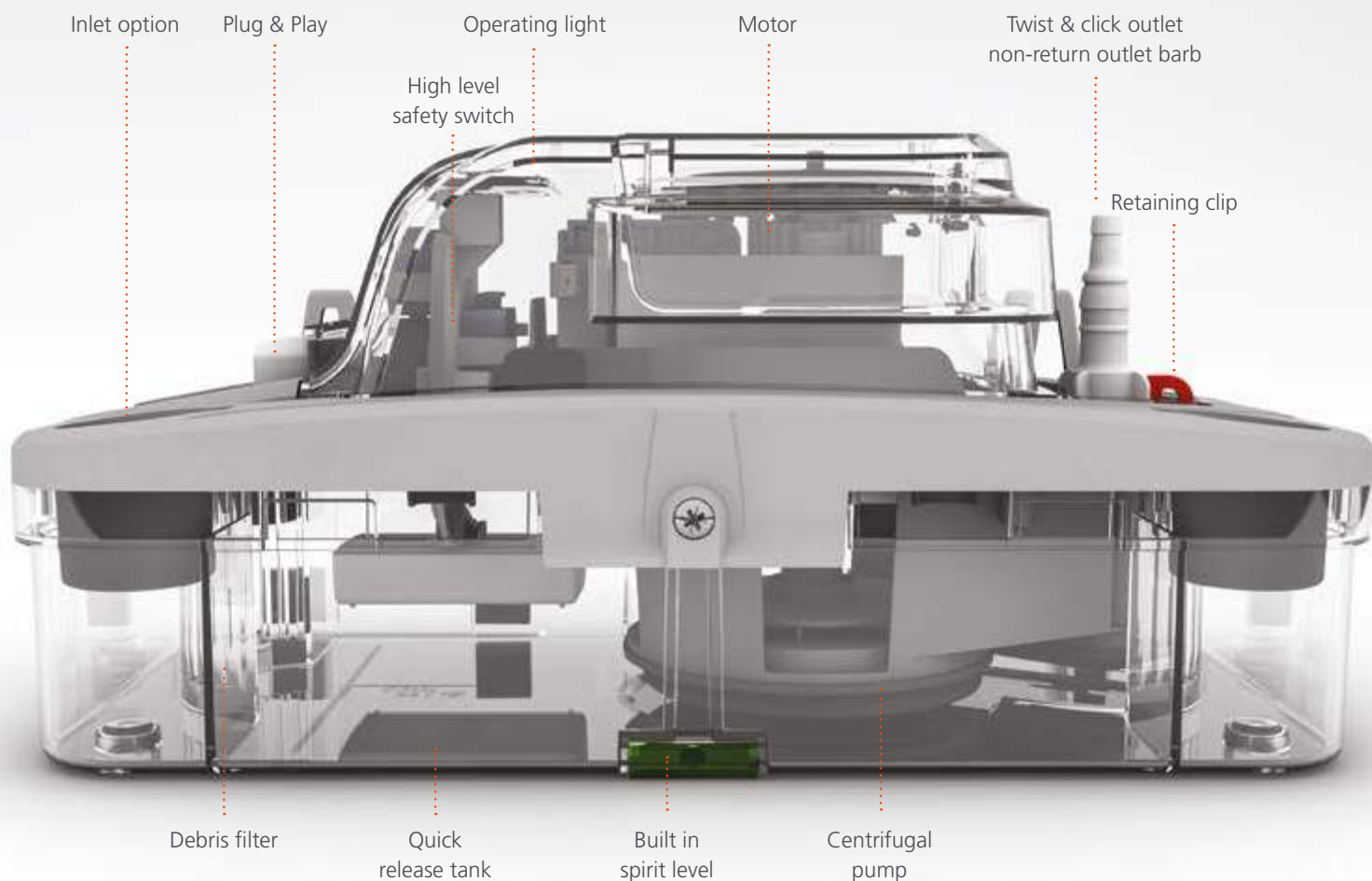
Description	Part No.
Tube To Soil Stack Adaptor	FP2038
1 Amp Fuse	FP2620
Vinyl Tube Braided 1/4" (6mm)	AX5100
Vinyl Tube Braided 3/8" (10mm)	AX5101

Xtra 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 aspenspumps.com



The professional way

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
Condenser Support	67-72
Condensate Management	73-78
Portables	79
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

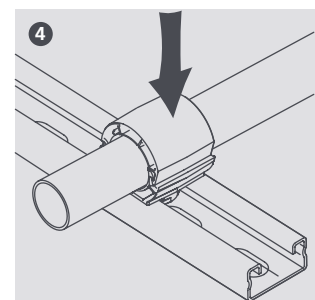
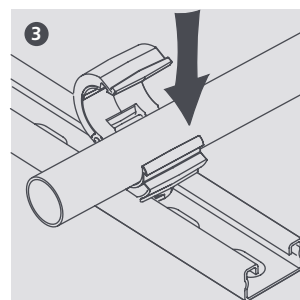
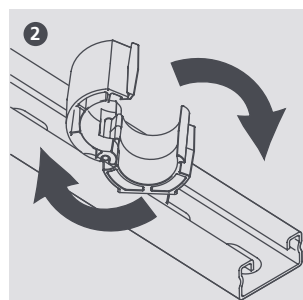
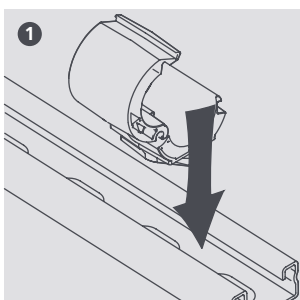


SIZING OPTIONS

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

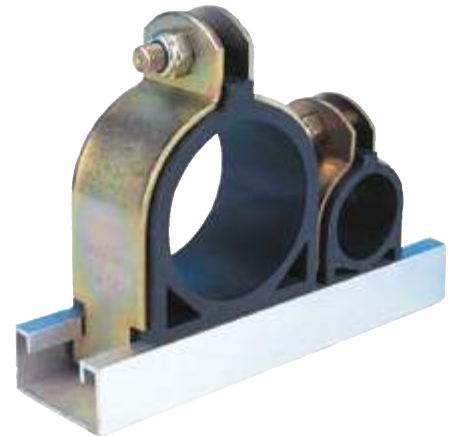


For further details please refer to our website aspenpumps.com



Insulclamp

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



Channel



Rod



Surface

KEY FEATURES

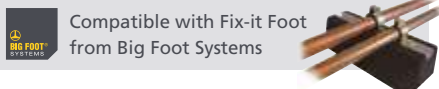
- Easy installation into 40mm x 40mm and 40mm x 20mm channel
- Insulates against heat loss and reduces vibration
- Quick to install with lock nuts
- Fits into shallow void
- Supports individual pipes into a thermo-rubber cushion between two metal plates
- Thermo-rubber cushion insert withstands maximum 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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Aluminium Channel lengths available:
Part No. B6023 (3m), B6000 (1m)

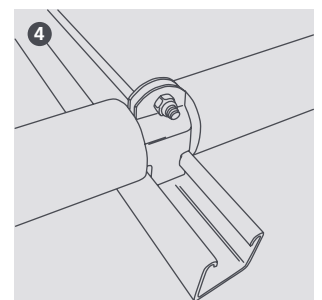
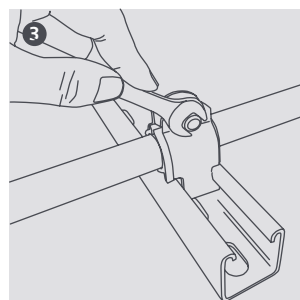
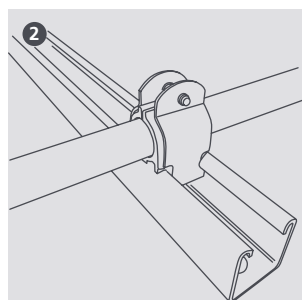
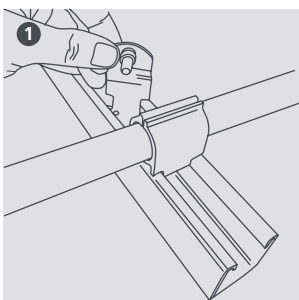


SIZING OPTIONS

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





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)

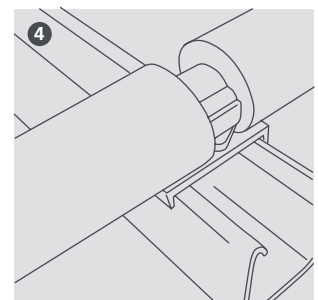
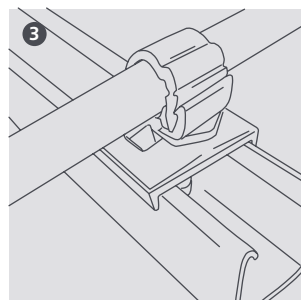
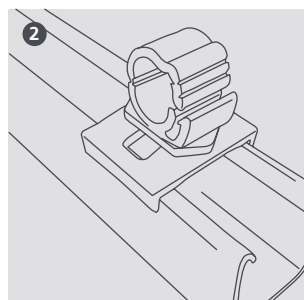
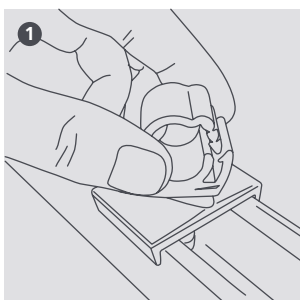


SIZING OPTIONS

Size	Lagging				Part No.	Pack Qty
	6mm	9mm	13mm	19mm		
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 aspenspumps.com





PIPE SUPPORT

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
- Rapid 2 pipe installation
- Avoids the need for cable trays
- Zinc passivated to resist corrosion
- Ideal for when you need to meet fire regulations

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

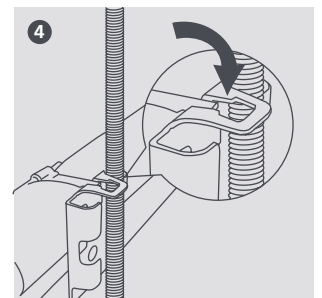
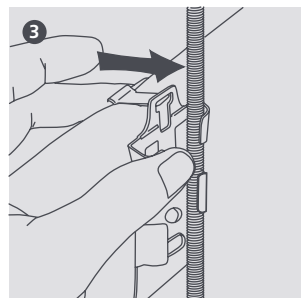
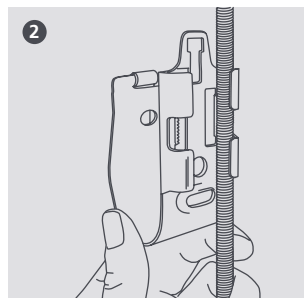
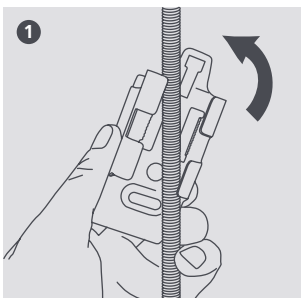
* Approximate pipe sizes (allowing for insulation)



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



For further details please refer to our website aspenspumps.com



Information correct at time of going to press.

Stud Clip

Unique ratchet design ensures quick installation and adjustment.



Channel



Rod



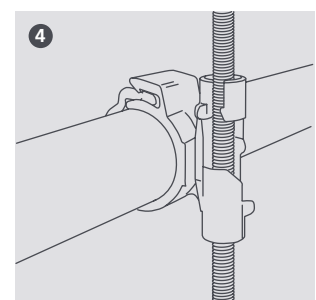
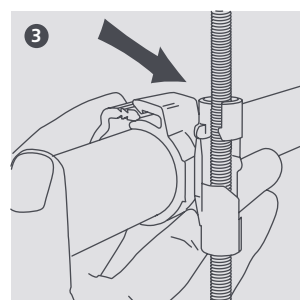
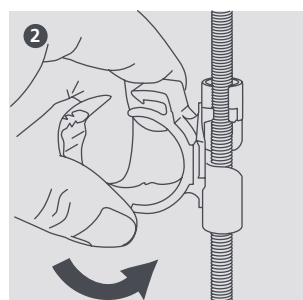
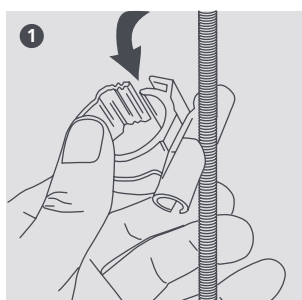
Surface

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		SIZING OPTIONS				M8		M10		
Materials of construction	Nylon	Size	6mm	Lagging 9mm 13mm 19mm		Part No.	Pack Qty	Part No.	Pack Qty	
Max. temp	70°C	1/4"				B6800	10	B6814	10	
Max. rec. distance per clip	1.2m	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"	1/4" 3/8"	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" 1 3/8"	5/8" 3/4" 7/8"	B6813	10	B6827	10

For further details please refer to our website aspenspumps.com





Stud Clip M8 3 1/8" 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 1/8")

- The Stud Clip M8 3 1/8" 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

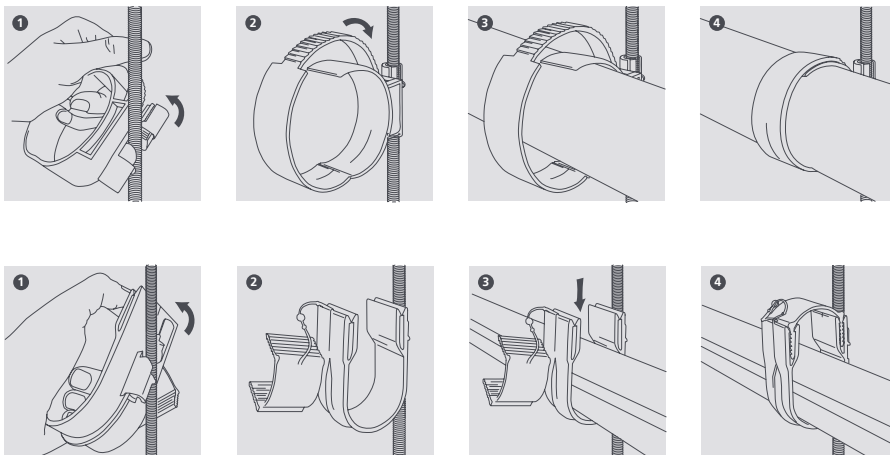
SIZING OPTIONS

Size	Part No.	Pack Qty
Stud Clip 80mm (3 1/8")	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



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

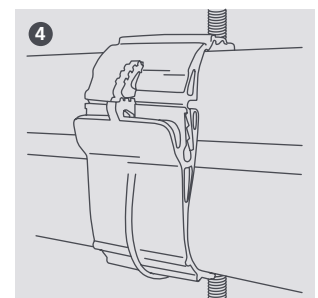
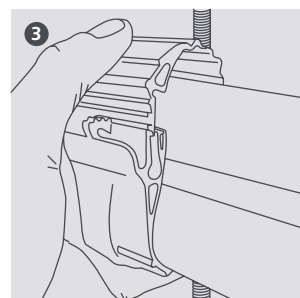
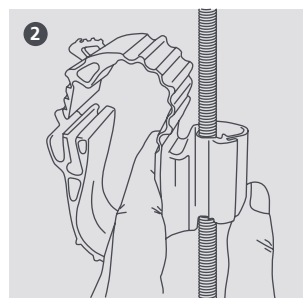
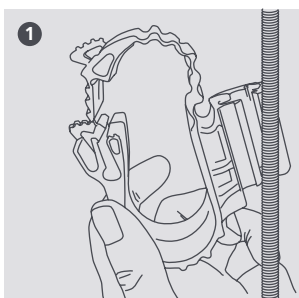
SIZING OPTIONS

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





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

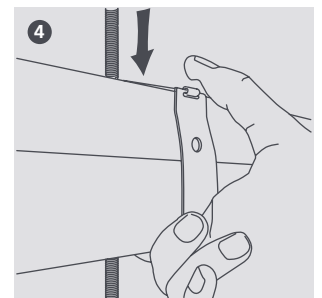
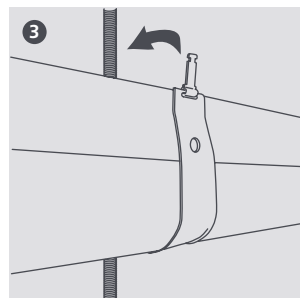
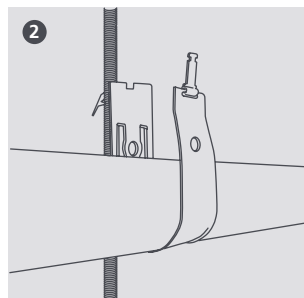
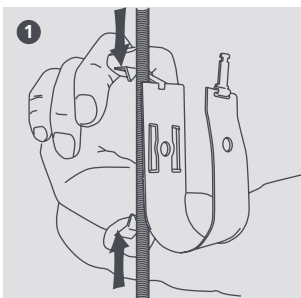
SIZING OPTIONS

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





3 Pipe Clip

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



Channel



Rod



Surface

KEY FEATURES

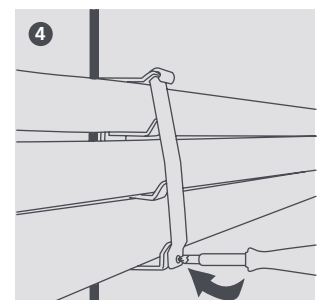
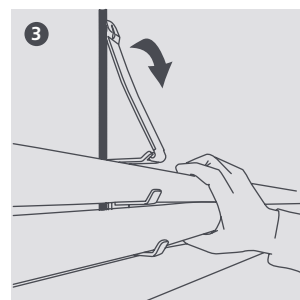
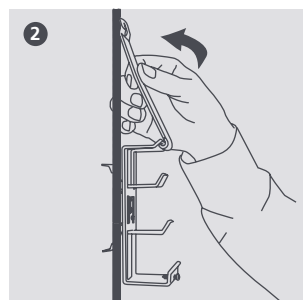
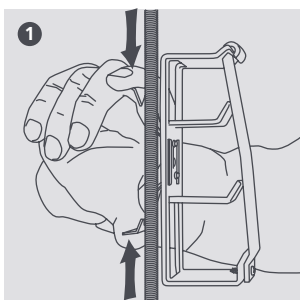
- Available for a wide range of pipe group sizes
- Locates to M8 and M10 studding
- Wide metal arms for greater pipe support
- No need for cable tray
- Hinge security cover plate fastens with one screw
- Can also be used for surface mount pipe support

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





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

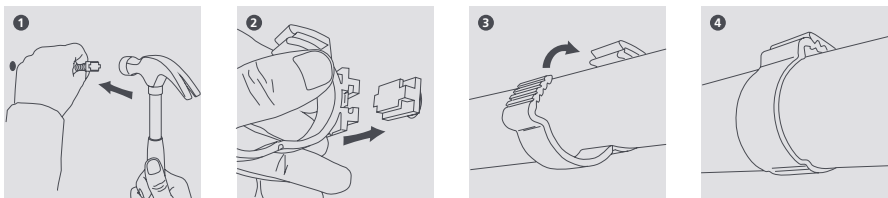
Size	Part No.	Pack Qty
22mm (7/8")	B7006	10
28mm (1 1/8")	B7008	10
32mm (1 1/4")	B7009	10
35mm (1 3/8")	B7010	10
2 pipe (1/2" - 7/8" to 5/8" - 1 1/8")	B7300	5

Approximate pipe sizes (allowing for 13mm insulation)

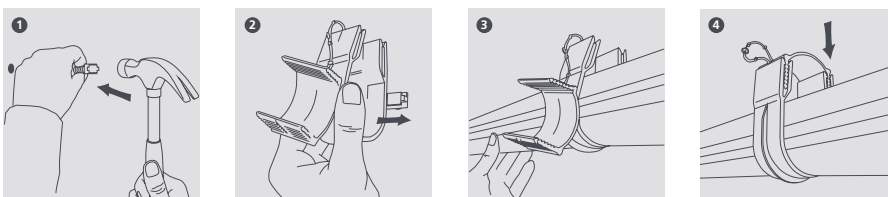


For further details please refer to our website aspenspumps.com

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

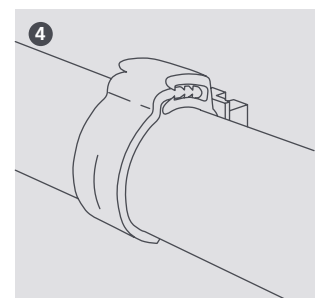
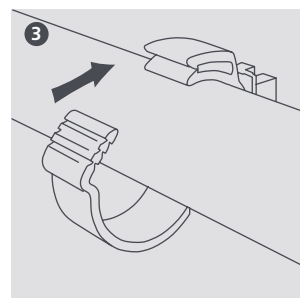
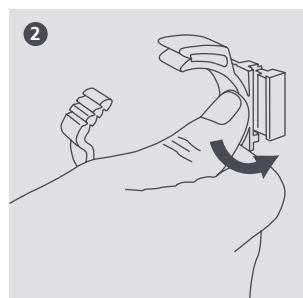
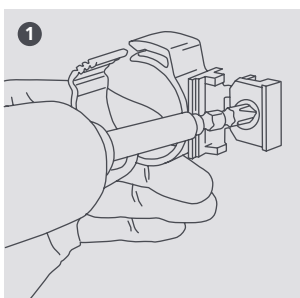
SIZING OPTIONS

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 aspenspumps.com

Approximate pipe sizes (allowing for 13mm insulation)

For further details please refer to our website aspenspumps.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

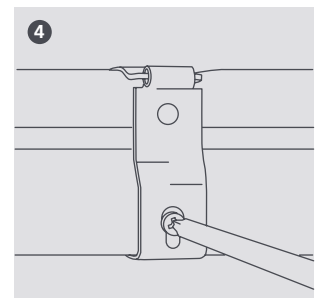
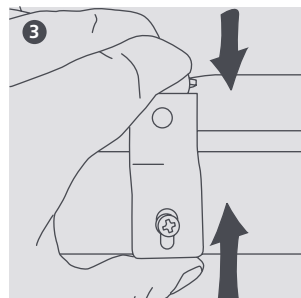
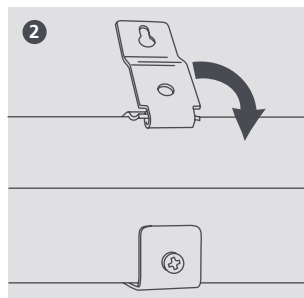
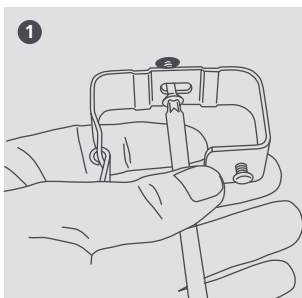
SIZING OPTIONS

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



Pipe Tie

Easy to fix and great for multiple pipework routes.



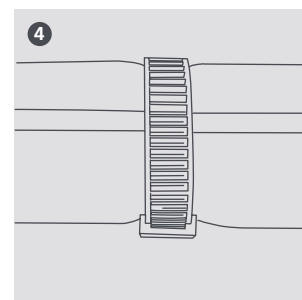
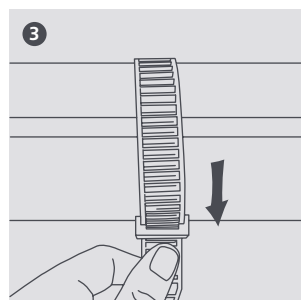
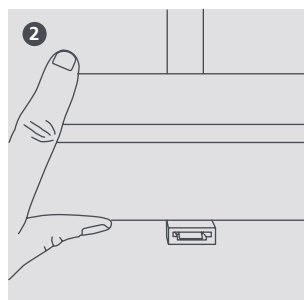
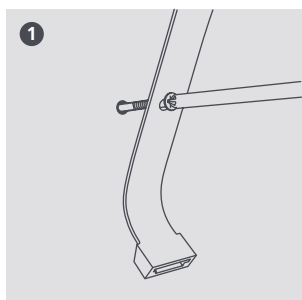
KEY FEATURES

- 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





SpeediDuct™ Trunking

D-70
IVORY
B6027

D-105
IVORY
B6026

D-70
WHITE
B6793

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-105
IVORY
B6049

WC-70
WHITE
B6789

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

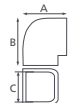
Code	A	Size (mm) B	C	Qty boxed
DE-70	120	45	70.4	20
DE-105	120	50	105.4	20

EB-70
IVORY
B6035

EB-105
IVORY
B6034

EB-70
WHITE
B6777

EB-105
WHITE
B6778



90° ELBOW BEND

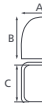
Code	A	Size (mm) B	C	Qty boxed
EB-70	95	95	70.4	20
EB-105	110	110	105.4	20

EIN-70
IVORY
B6037

EIN-105
IVORY
B6036

EIN-70
WHITE
B6779

EIN-105
WHITE
B6780



ELBOW – EXTERNAL 90°

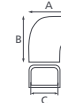
Code	A	Size (mm) B	C	Qty boxed
EIN-70	95	95	70.4	20
EIN-105	110	110	105.4	20

FB-70
IVORY
B6039

FB-105
IVORY
B6038

FB-70
WHITE
B6781

FB-105
WHITE
B6782



90° FLAT BEND

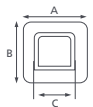
Code	A	Size (mm) B	C	Qty boxed
FB-70	115	115	70.4	20
FB-105	150	150	105.4	20

WR-70
IVORY
B6053

WR-105
IVORY
B6052

WR-70
WHITE
B6791

WR-105
WHITE
B6792

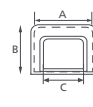


WALL ROSETTE

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

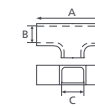


REDUCER JOINT

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

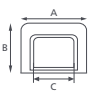
Code	A	Size (mm) B	C	Qty boxed
TJ-105	200	105.4	105.4	20

FR-70
IVORY
B6045

FR-105
IVORY
B6044

FR-70
WHITE
B6785

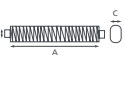
FR-105
WHITE
B6786



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

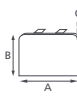
Code	A	Size (mm) B	C	Qty boxed
FJ-105	500	100	100	20

DC-70
IVORY
B6029

DC-105
IVORY
B6028

DC-70
WHITE
B6773

DC-105
WHITE
B6774



DUCT CAP

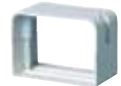
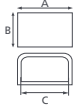
Code	A	Size (mm) B	C	Qty boxed
DC-70	70	65	2	20
DC-105	105	75	2	20

CP-70
IVORY
B6025

CP-105
IVORY
B6022

CP-70
WHITE
B6771

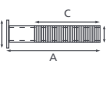
CP-105
WHITE
B6772



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

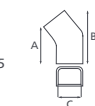


WALL SLEEVE

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

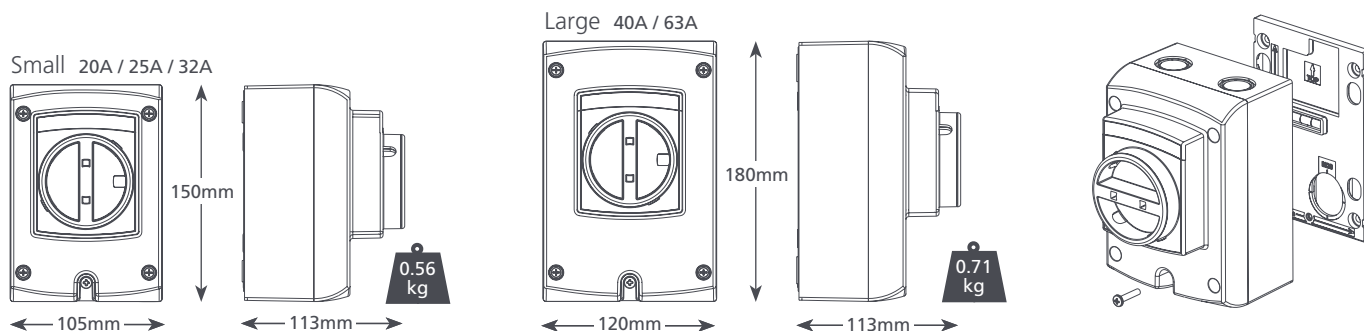
Isolator

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
3 pole 63A (Large)	AX6104/2
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 aspenspumps.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

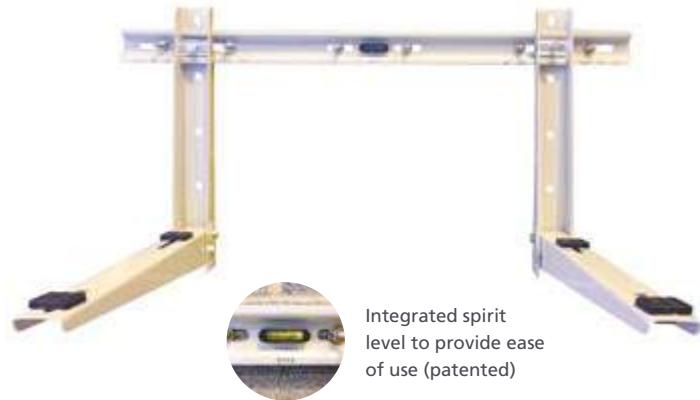


For further details please refer to our website aspenpumps.com

Information correct at time of going to press.

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

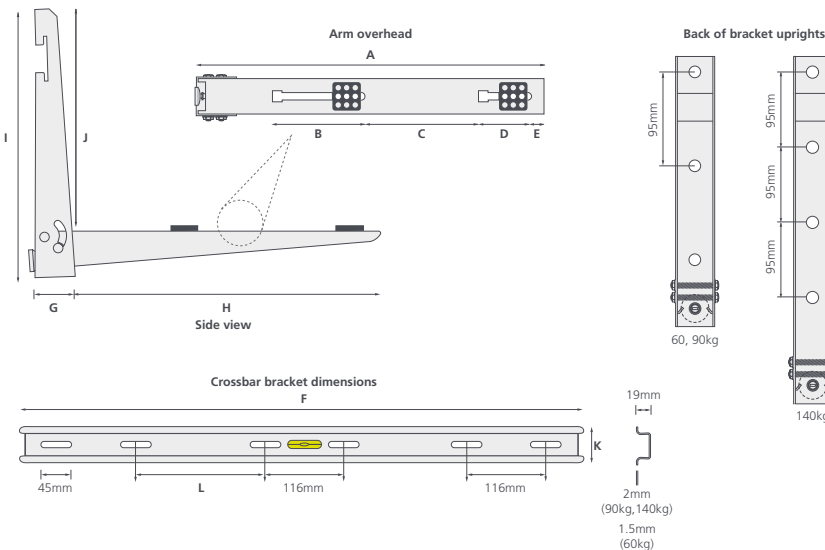
SPECIFICATIONS

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

Max Load	mm (inches)											
	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 1/8)	405 (15 5/8)	350 (13 3/4)	285 (11 1/4)	55 (2 1/8)	180 (7 1/8)
90kg (198lbs)	550 (21 5/8)	105 (4 1/4)	165 (6 1/2)	74 (2 7/8)	15 (5/8)	800 (31 1/2)	55 (2 1/8)	505 (19 5/8)	350 (13 3/4)	355 (14)	55 (2 1/8)	180 (7 1/8)
140kg (309lbs)	550 (21 5/8)	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 5/8)	450 (17 3/4)	375 (14 3/4)	55 (2 1/8)	205 (8 1/8)



For further details please refer to our website aspenspumps.com

Information correct at time of going to press.



CONDENSER
SUPPORT

Galvanised Arm

KEY FEATURES

- Industrial 41mm x 41mm channel
- Base of 130mm x 45mm
- 14mm diameter holes at 100mm centres
- 600mm length available



SPECIFICATIONS

Galvanised Arm Materials of construction	Mild steel hot dipped galvanised
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SIZING OPTIONS

Description	Max. Load	Height (mm)	Width (mm)	Depth (mm)	Part No.
Galvanised Arm 600	183kg*	132	-	600	B6860

*Point load 92kg



For further details please refer to our website aspenspumps.com

Information correct at time of going to press.

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



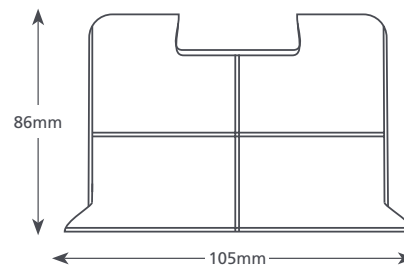
End cap
Pt. B9381

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
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CONDENSER
SUPPORT

Drip Tray

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



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

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

METAL DRIP TRAY SPECIFICATIONS

Materials of construction	Galvanised mild steel, powder coated (ivory)
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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
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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

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

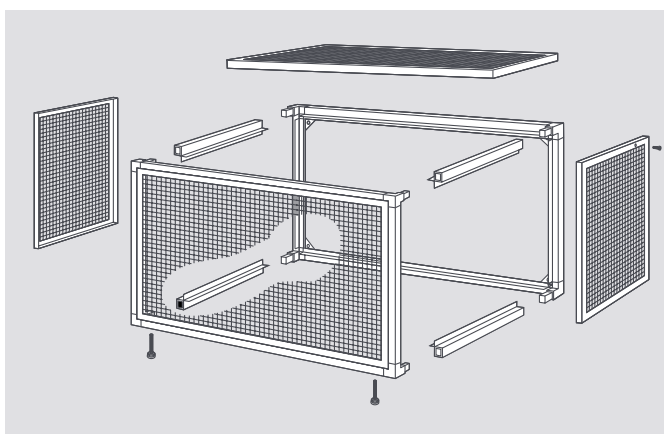
Size	Weight	Ext. Height (mm)	Ext. Width (mm)	Ext. Depth (mm)	Int. Height (mm)	Int. Width (mm)	Int. Depth (mm)	Part No.
Small	19kg	700	1000	450	600	900	350	B6192
Medium	28.5kg	1100	1100	600	1000	1000	500	B6191
Large	34kg	1400	1100	600	1300	1000	500	B6190

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

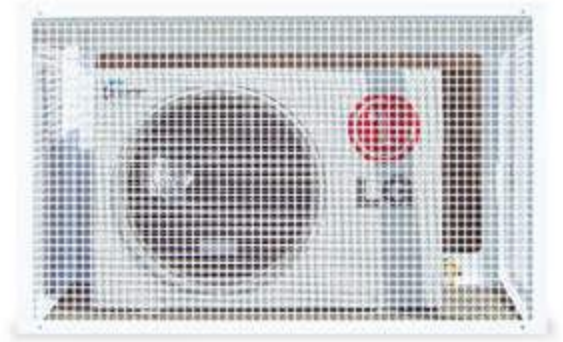


For further details please refer to our website aspenpumps.com

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.



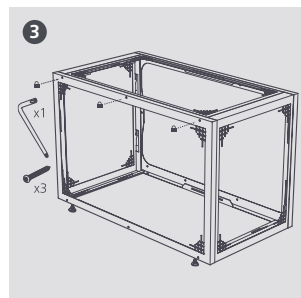
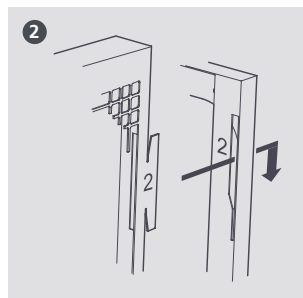
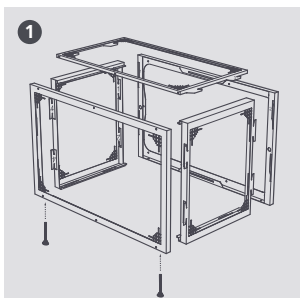
SIZING OPTIONS

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



Information correct at time of going to press.



Vinyl Tubing

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

OPTIONS		
Size	Part No.	Pack Qty
1/4" (6mm)	AX5200	1
3/8" (10mm)	AX5201	1
1/2" (12mm)	AX5202	1



OPTIONS		
Size	Part No.	Pack Qty
1/4" (6mm)	AX5100	1
3/8" (10mm)	AX5101	1
1/2" (12mm)	AX5102	1
5/8" (15mm)	AX5103	1



OPTIONS		
Size	Part No.	Pack Qty
1/4" (6mm)	AX5110	1
3/8" (10mm)	AX5111	1
1/2" (12mm)	AX5112	1
5/8" (15mm)	AX5113	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



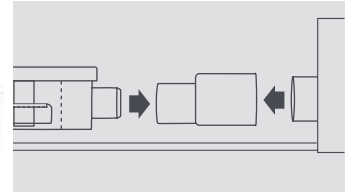
CONDENSATE
MANAGEMENT

Connectors

Mini Pump

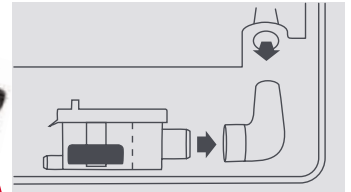
RUBBER ADAPTOR TO CONNECT A DUCTED UNIT TO A MINI PUMP

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

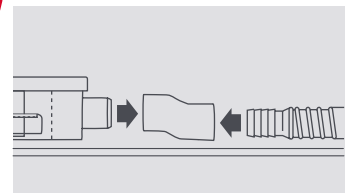


90° LONG ARM BEND TO CONNECT A WALL MOUNT TO MINI PUMP RESERVOIR

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



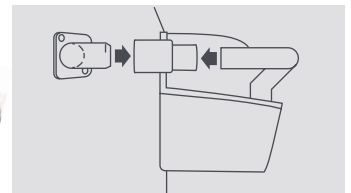
OPTIONS				
Drip tray outlet OD	Reservoir Pump OD	Ideal Use	Part No.	Pack Qty
16mm	16mm	Can be used universally	FP1024	5



Tank Pump

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

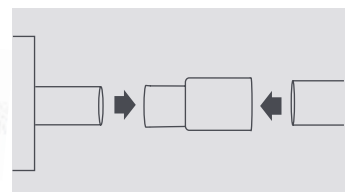
OPTIONS				
Cassette outlet OD	Overflow pipe OD	Ideal Use	Part No.	Pack Qty
16mm	21mm	Fits LG units	FP2011	3
26mm	21mm	Daikin, Panasonic	FP2012	3
32mm	21mm	Daikin, Mitsu Elec/Heavy, Panasonic, LG	FP2013	3



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

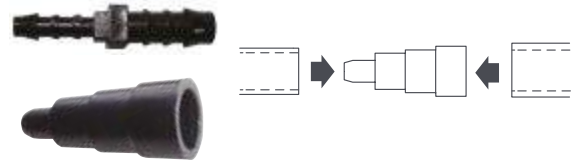


Note: All connectors should be fitted with the relevant cable ties

Tube & Connector Fittings

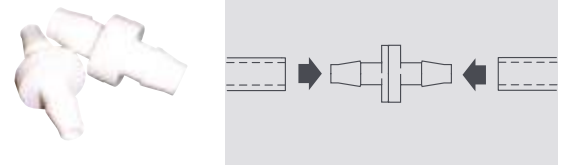
Adaptors/Straight Connectors

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



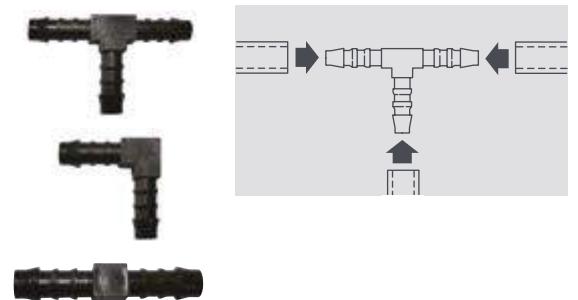
Non-return Valves

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



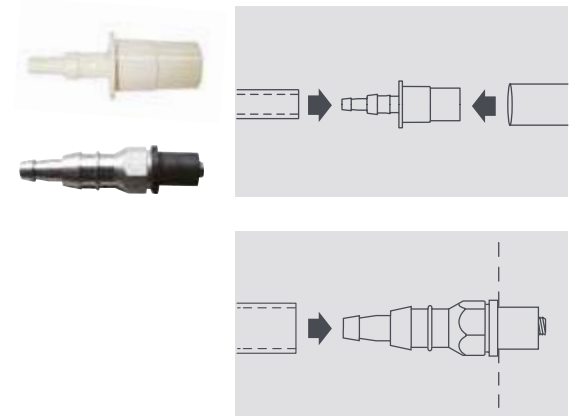
Hose to Hose

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 ²
Flame resistance	Self extinguishing
System type	Solvent weld

white
or black
available

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

Information correct at time of going to press.

Xtra Rigid Pipe & Pipe Fittings

white
or black
available



REDUCING SOCKET

OPTIONS			
Size	Part No.		Pack Qty
	White	Black	
3/4" – 1"	B7581	B7641	5
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



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

Information correct at time of going to press.

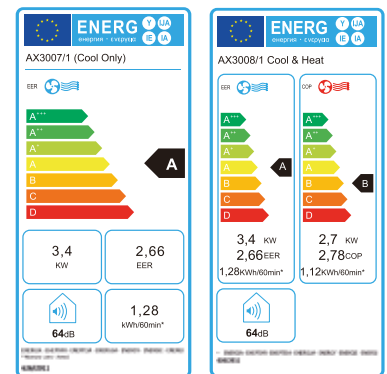
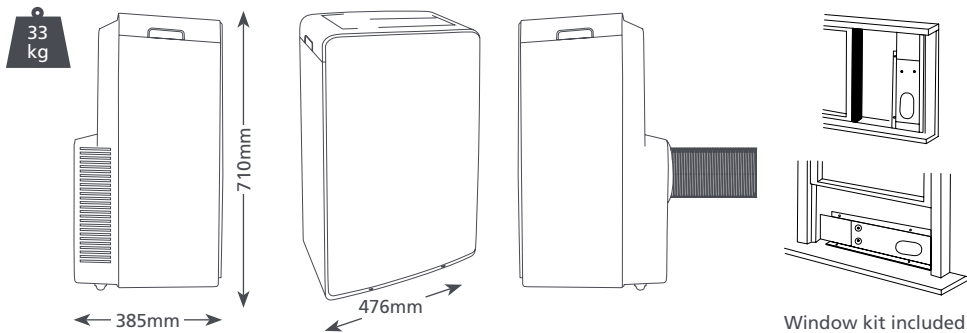
Portable Air Conditioning Unit

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, Heat*, Auto, Fan and Dehumidify
- Auto Operation function
- Built in self cleaning function
- °C to °F changeable temperature display
- 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
Heating capacity	9,212 Btu/h – 2.7kW*
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

* Heating model only

OPTIONS	
Description	Part No.
Cool only (EU - MSE)	AX3007/1
Cool / Heat (EU - MSE)	AX3008/1

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 aspenspumps.com

Information correct at time of going to press.

Mighty Bracket™

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



Mighty Bracket™
Mini-split Installation Support Tool

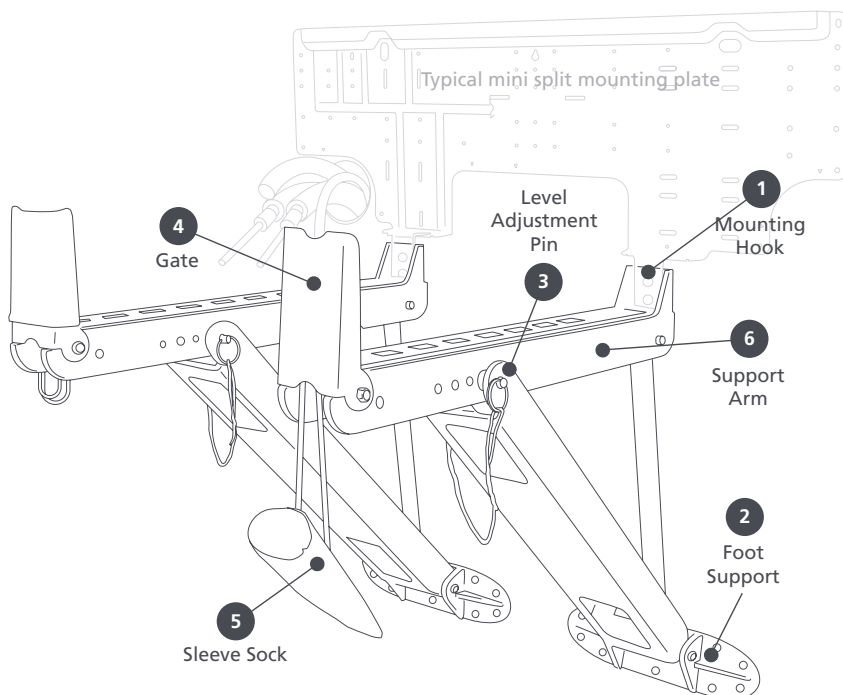
KEY FEATURES

- 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

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.

For further details please refer to our website 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-150 / FP2463
3/4" (Waterless)




ACID NEUTRALISER

Part No.
FP1021



CONDENSATE TRAP

Part No.
EZT-226 / FP2465
3/4" Slip Fit (Close coupled overflow switch)





Advanced

Joining the Aspen Pumps Group in 2018, Advanced is the recognised market leader in specialist HVAC/R cleaning chemicals. The research and development team at Advanced has created a range of chemical cleaning products designed to give optimum cleaning performance across a variety of applications and environments. Trusted by engineers to do the job right, Advanced has been supplying products to the HVAC/R industry for over 30 years.



Please note: Some products may not be available in all markets. Please speak to your local sales team for more information.

Contents

Evaporator Cleaners	84-85
Condenser Cleaners	86-87
Universal Cleaners	89
Drain Maintenance	90-91
Cold Storage & Ice Machines	93-95
Specialist Cleaners	96-100
Accessories	101-103
Tools	104-105
Acid Testing	106



CondensCide®

ALKALINE EVAPORATOR CLEANER & DISINFECTANT

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Verified to kill the SARS-CoV-2 virus (which leads to Covid-19) on contact*
- Kills 99.9% of bacteria in 60 seconds or less
- Improves energy efficiency and indoor air quality

Part No.	Product	Qty	Size
S010166	CondensCide	4	5L
S010165	CondensCide	1	20L

Hazardous transport. Complies with EN13727, EN1276, EN1650, EN13697 & EN14476.
*Spray coil and leave for 15 minutes to effectively kill and remove 99.99% of bacteria, fungi, mould/spores and viruses.



EasyCare®

EVAPORATOR CLEANER & DISINFECTANT

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Verified to kill the SARS-CoV-2 virus (which leads to Covid-19) on contact*
- Kills 99.9% of bacteria in 60 seconds or less
- Improves indoor air quality
- Removes grease, nicotine and grime

Part No.	Product	Qty	Size
S010127	EasyCare	12	600ml

Complies with EN1040, EN1275 & EN14476.
*Spray coil and leave for 15 minutes to effectively kill and remove 99.99% of bacteria, fungi, mould/spores and viruses.



EasyFresh™

ODOUR NEUTRALISER FOR AC SYSTEMS

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Specifically designed for air conditioning units
- Eliminates odours
- Produces a long-lasting fresh scent

Part No.	Product	Qty	Size
S090049	EasyFresh	12	400ml

Hazardous transport.



RTUECD[®]

EVAPORATOR CLEANER & DISINFECTANT

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Verified to kill the SARS-CoV-2 virus (which leads to Covid-19) on contact†
- Kills 99.9% of bacteria in 60 seconds or less
- Convenient ready-to-use format

Part No.	Product	Qty	Size
S010196	RTU ECD	8	1L
S010192	RTU ECD	4	5L
S010211	RTU ECD	1	20L

Complies with EN13727, EN1276, EN1650, EN13697 & EN14476.
 †Spray coil and leave for 15 minutes to effectively kill and remove 99.99% of bacteria, fungi, mould/spores and viruses.



RTUEC[®]

EVAPORATOR CLEANER

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Effective at removing all common types of dirt and debris
- Biodegradable formula that is safe to use
- Use as part of a regular maintenance programme

Part No.	Product	Qty	Size
S010176	RTU EC	8	1L
S010193	RTU EC	4	5L
S010212	RTU EC	1	20L



RTU[®] LT

EVAPORATOR CLEANER

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Can be used down to -30°C
- Effective at removing all common types of dirt and debris
- Biodegradable formula that is safe to use
- Use as part of a regular maintenance programme

Part No.*	Product	Qty	Size
S010349	RTU LT	8	1L



SuperClean™

HEAVY-DUTY CONDENSER CLEANER

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Powerful foaming action that brightens the coil and inhibits future oxidation
- Just as powerful as an acid-based cleaner, but safer to use
- Strongest coil cleaner in the market, with a unique formulation
- Makes 25 litres

Part No.	Product	Qty	Size
S010171	SuperClean	4	5L
S010110	SuperClean	1	20L

*Dilution: 3:1
Hazardous transport.



HydroFoam® 2.0

HEAVY-DUTY CONDENSER CLEANER & BRIGHTENER

NEW FORMULA

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- New coil brightening formula
- Non-toxic and biodegradable
- No degradation of aluminium or copper
- Cleans even the most stubborn baked-on dirt
- Makes 35 litres*

Part No.	Product	Qty	Size
S010164	HydroFoam 2.0	4	5L
S010417	HydroFoam 2.0	1	20L

*Dilution: Regular maintenance 1:6 / Heavy contamination 1:3.



EasyFoam[®]

FOAMING CONDENSER CLEANER

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Powerful formulation makes it ideal for removing stubborn dirt from problem coils
- Perfect for deep, multi-row condensers
- Part of our Easy range of products

Part No.	Product	Qty	Size
S010132	EasyFoam	12	600ml

Hazardous transport.



GreaseGobbler[™]

SOLVENT-BASED CONDENSER CLEANER

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Dissolves grease on contact
- Quick drying
- Non-conductive and non-flammable

Part No.	Product	Qty	Size
S010133	GreaseGobbler	20	400ml



RTUCC[®]

CONDENSER CLEANER

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

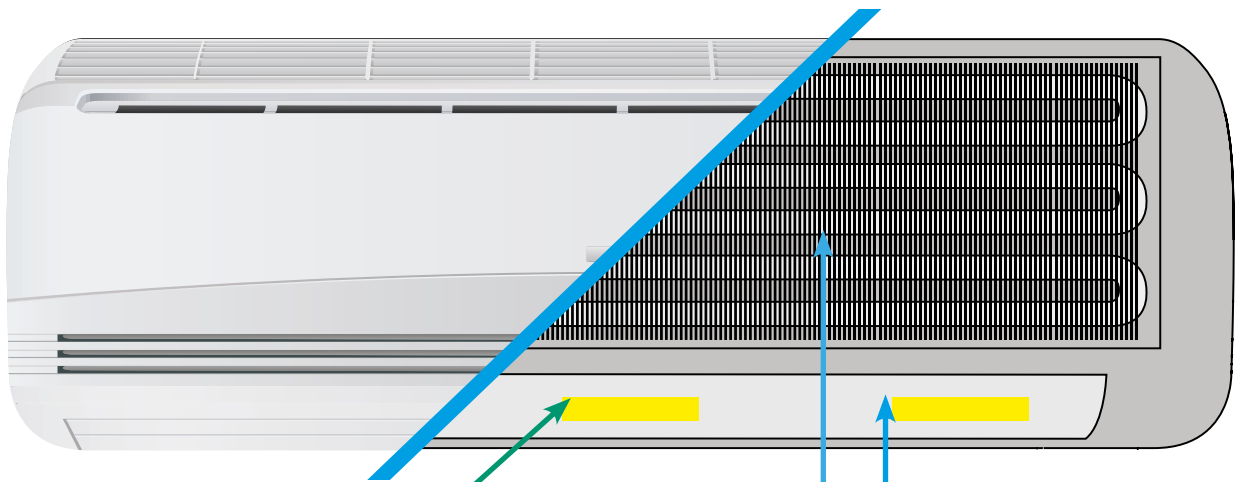
- Convenient non foaming ready-to-use cleaner
- Improves system efficiency
- Great as part of a regular maintenance programme

Part No.	Product	Qty	Size
S010195	RTU CC	8	1L
S010191	RTU CC	4	5L
S010210	RTU CC	1	20L



RECOMMENDED CLEANING PROCESS

What are the **3-steps** of evaporator maintenance?



1 Clear

Clear organic blockages

Remove excess water from condensate tray and drain. Pour in product and allow it to remain in tray for 5 minutes. Flush out with fresh water for 2-3 minutes. Repeat until obstruction is cleared.



2 Clean

Clean and disinfect coil

Spray the diluted/RTU product directly onto the coil, starting at the top corner and working across and down. This effectively removes all common types of dirt and debris. Keep all surfaces wet for 5 minutes and rinse thoroughly.



3 Protect





Protect from sludge build-up

Place the strip in the tray at the highest end, adjacent to the coil. If the tray has a central drain, place strips either side of the drain. If there is not enough space in the tray, the strips can be placed in the returns bend at the end of the coil at the opposite end to the drain connection.



VerteX[®]

NEUTRAL PH 7 CONDENSER & EVAPORATOR CLEANER

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES

- Non corrosive - neutral pH 7 adaptive cleaner
- Quickly removes rust, scale, grease and fat
- Ideal for microchannel and coils with protective coatings
- Neutralises all unpleasant malodour
- Makes 25-45 litres*





Part No.	Product	Qty	Size
S010389	VerteX	4	5L
S010412	VerteX	1	20L

*1:8 - Evaporators. 1:4 - Condensers.



EnviroCoil[®]

UNIVERSAL COIL CLEANER

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES

- Biodegradable, environmentally friendly and mild formulation
- Perfect for most maintenance, indoors or outdoors
- Contains no acids, phosphates, sodium/potassium hydroxide
- 5L: Makes 25-45 litres / 20L: Makes 100-180 litres*





Part No.	Product	Qty	Size
S010167	EnviroCoil	4	5L
S010312	EnviroCoil	1	20L

*1:8 - Evaporators. 1:4 - Condensers.



EasyClean[®]

UNIVERSAL COIL CLEANER

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES

- Suitable for use on both air cooled evaporators and condensers
- Convenient, high powered aerosol with a safe formulation
- Attacks only the dirt, not the coil





Part No.	Product	Qty	Size
S010128	EasyClean	12	600ml

Hazardous transport.



DrainKleen®

CONDENSATE DRAIN UNBLOCKER

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES

- Clears organic blockages
- Heavier than water - sinks to reach blockage site





Part No.	Product	Qty	Size
S010188	DrainKleen	4	5L

Hazardous transport.



DrainKleen® one shot

CONDENSATE DRAIN CLEANER & UNBLOCKER

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES

- Clears common blockages
- User friendly design for hard to reach areas





Part No.	Product	Qty	Size
S010106	DrainKleen one shot	12	250ml

Hazardous transport.



StayClean™ Strips

CONDENSATE TRAY BACTERIAL CONTROL

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES





- Prevents micro-organism growth in condensate trays
- Controls odours
- Minimises risk of blockages
- Contains biocide
- Up to 6 months protection

Part No.	Product	Qty	Size
S010307	StayClean Strips (small)	6	Size 1
S010310	StayClean Strips (large)	6	Size 2



StayClean® Mini Tablets

CONDENSATE TRAY BACTERIAL CONTROL

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES

- Controls odours
- Reduces sludge build-up
- Minimises risk of blockages
- Up to 8 weeks protection

Part No.	Product	Qty	Size
S010105	StayClean Mini Tablets	20 tablets	1 pack
S010111	StayClean Mini Tablets	540 tablets	1kg



REFRIGERATION MAINTENANCE SOLUTIONS

3 Step Refrigerator Life Support

Get rid of the slime build-up!

- 1

CLEAR
DrainSafe®

DrainSafe® dissolves any contamination in the drain line, to create clear and clean condensate run offs.

- 2

CLEAN
CoolSafe®

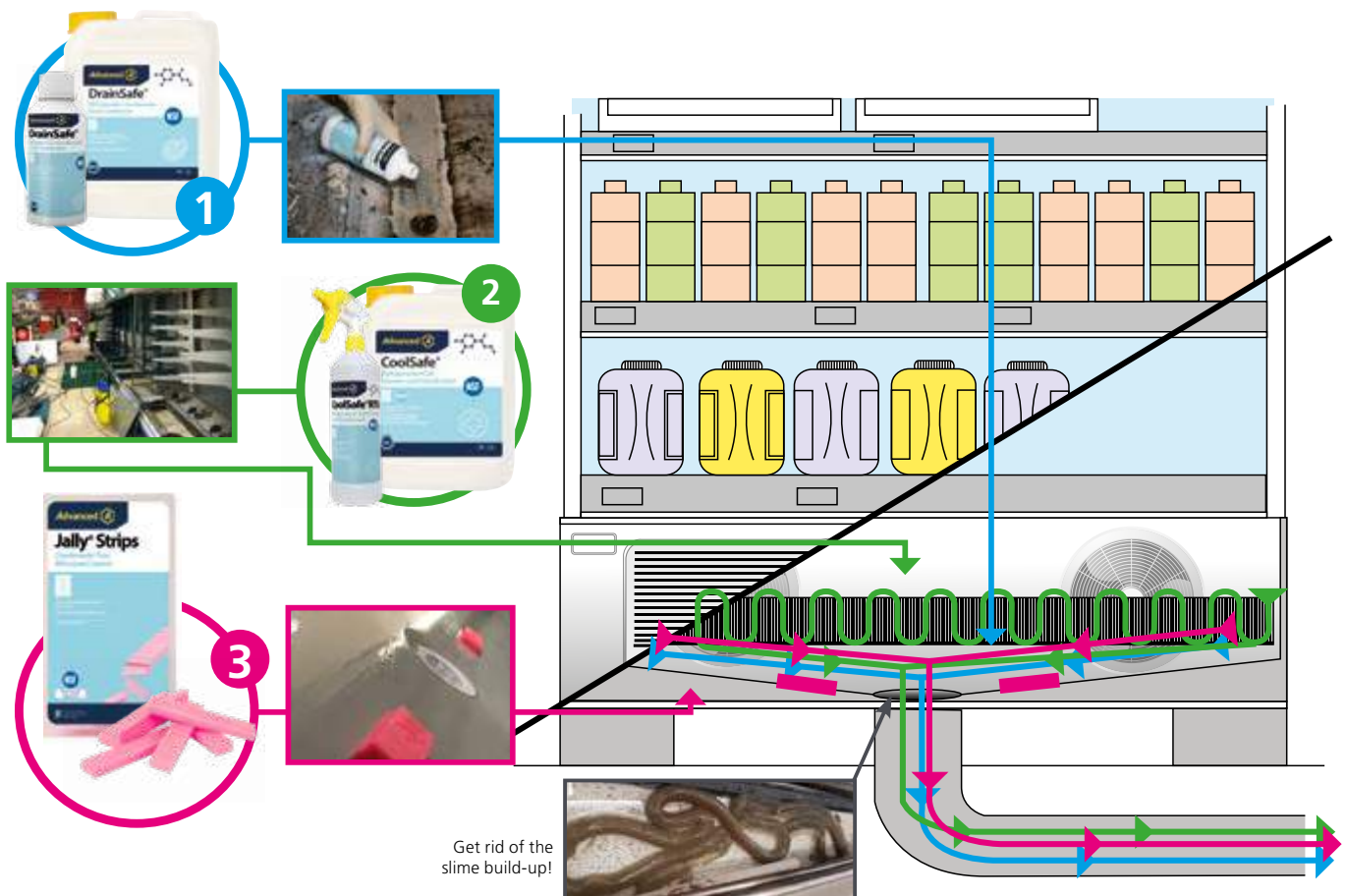
CoolSafe® sprayed over and around the coils will loosen dirt and grime - cleaning while disinfecting!

- 3

PROTECT
Jally® Strips

Adding **Jally® Strips** to your maintenance program will eliminate slime build-up for only 1p a day!

Protects for
12 months



Jally® Strips

CONDENSATE TRAY MICROBIAL CONTROL

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Slime dispersing action for refrigeration systems
- Smart release - extra biocidal power when needed
- 12 months protection
- Safe to use in food preparation areas

Part No.	Product	Qty	Size
S010386	Jally Strips	5	50 strips
S010370	Jally Strips	1	50 strips
S010371	Jally Strips	1	6 strips

Hazardous transport.



CoolSafe®

REFRIGERATION COIL CLEANER & DISINFECTANT

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Registered by NSF - Safe for use in food storage and preparation areas
- Removes slime, mould and foodstuffs
- Improves equipment efficiency
- User and environmentally friendly
- 5L: Makes 30 litres

Part No.	Product	Qty	Size
S010234	CoolSafe RTU	8	1L
S010233	CoolSafe RTU	4	5L
S010390	CoolSafe	12	1L
S010232	CoolSafe	4	5L

Hazardous transport. Complies with EN13727, EN1276, EN1650, EN13697 & EN14476.



DrainSafe®

REFRIGERATION DRAIN UNBLOCKER



Ready to use



Aerosol



Concentrate



Condensate pump safe

KEY FEATURES

- Clears organic blockages
- Registered by NSF – Suitable for use in food storage & preparation areas

Part No.	Product	Qty	Size
S010257	DrainSafe	8	500ml
S010264	DrainSafe	4	5L

Hazardous transport.



Nonfood Compounds Program Listed



FroZone®

FLOOR AND WALL CLEANER FOR COLD STORAGE



Ready to use



Aerosol



Concentrate



Condensate pump safe

KEY FEATURES

- Effective floor and wall cleaning quality down to -25°C, eliminating freezer shut down
- Easily cuts through dirt and fat deposits reducing cleaning time
- Non-metal corrosive formula making it safe to use on aluminium and stainless steel surfaces

Part No.	Product	Qty	Size
S010406	FroZone	4	5L







Nonfood Compounds Program Listed



Ice 'n' Clean®

ICE MACHINE CLEANER

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES





- Clears heavy limescale and slime deposits
- Nickel and aluminium safe - suitable for all ice machines
- Colour indicator ensures product is completely flushed
- New odourless formula

Part No.	Product	Qty	Size
S010209	Ice 'n' Clean	12	1L
S010169	Ice 'n' Clean	4	5L
S010342	Ice 'n' Clean	1	20L



Ice 'n' Clean® one shot

ICE MACHINE CLEANER

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES

- 250ml 'one shot' makes 10 litres of product, enough for one ice machine
- Suitable for use with all types of ice machines

Part No.	Product	Qty	Size
S010148	Ice 'n' Clean one shot	12	250 ml



SmellyJelly®

FRAGRANCING GEL

KEY FEATURES

- Mini size: suitable for small fan coil units
- Size 1: suitable for large fan coil and cassette units



Part No.	Product	Qty	Size
S090017	SmellyJelly Citrus	20 cards	Mini
S090018	SmellyJelly Floral	20 cards	Mini
S090050	SmellyJelly Apple	20 cards	Mini
S090020	SmellyJelly Morning	20 cards	Mini
S090021	SmellyJelly Mountain	20 cards	Mini
S090057	SmellyJelly Orange	20 cards	Mini
S090054 MWE	SmellyJelly Mixed	20 cards	Mini

Part No.	Product	Qty	Size
S090002	SmellyJelly Citrus	20 cards	Size 1
S090003	SmellyJelly Floral	20 cards	Size 1
S090051	SmellyJelly Apple	20 cards	Size 1
S090006	SmellyJelly Morning	20 cards	Size 1
S090007	SmellyJelly Mountain	20 cards	Size 1
S090058	SmellyJelly Orange	20 cards	Size 1
S090008	SmellyJelly Mixed	20 cards	Size 1

EasyFinish®

FASCIA & CASE CLEANER

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Suitable for most air conditioning units
- Safely removes finger marks etc. from plastic and metal casework
- Easily removes stubborn nicotine, grease & general grime
- Part of our Easy range of products

Part No.	Product	Qty	Size
S010131	EasyFinish	12	600ml

Hazardous transport.



All-White®

CEILING TILE RESTORER

- Ready to use
- Aerosol
- Concentrate
- Condensate pump safe

KEY FEATURES

- Restores tile colour following condensate/oil leakage
- Covers nearly all types of stains
- Saves costly tile replacement

Part No.	Product	Qty	Size
S010157	All-White	12	400ml



EasyFind®

BUBBLE-UP LEAK DETECTOR



Ready to use



Aerosol



Concentrate



Condensate pump safe

KEY FEATURES

- Specifically designed for refrigerant leaks
- Produces long-lasting bubbles
- Clings to all surfaces

Part No.	Product	Qty	Size
S010350	EasyFind	12	400ml

Hazardous transport.



RTUBU®

BUBBLE-UP LEAK DETECTOR



Ready to use



Aerosol



Concentrate



Condensate pump safe

KEY FEATURES

- Specifically designed for refrigerant leaks
- Produces long-lasting bubbles
- Clings to all surfaces

Part No.	Product	Qty	Size
S010173	RTU BU	8	1L



EasyCoat™

ACRYLIC PROTECTIVE COATING FOR COILS



Ready to use



Aerosol



Concentrate



Condensate
pump safe

KEY FEATURES

- Effective corrosion protection for coils
- Indicator dye helps ensure complete coverage
- Rapid drying

Part No.	Product	Qty	Size
S010129	EasyCoat	12	600ml

Hazardous transport.



ProTect™

ACRYLIC COATING FOR COILS



Ready to use



Aerosol



Concentrate



Condensate
pump safe

KEY FEATURES

- Economical protective coating for cooling coils
- Rapid drying
- Water & oil resistant formula

Part No.	Product	Qty	Size
S010033	ProTect	1	5L





Hazardous transport.



NEW FORMULA

ScalePro®

LIMESCALE REMOVER FOR ADIABATIC CONDENSERS

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES





- Rapidly removes scale from condenser coils
- Restores system efficiency
- Safe on aluminium coils
- Perfect for adiabatic coolers

Part No.	Product	Qty	Size
S010147	ScalePro	4	5L
S010336	ScalePro	1	20L



HidroX™

INTERNAL-PIPEWORK LIMESCALE REMOVER

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES

- For cooling towers, pipework, condensers, water heaters and cast-iron indoor boilers
- Contains inhibitors to protect metal surfaces
- Colour indicator to ensure continued protection
- 1L: Makes 34 litres





Part No.	Product	Qty	Size
S010208	HidroX	12	1L
S010168	HidroX	4	5L
S010213	HidroX	1	20L

Hazardous transport.



EndoFlush®

INTERNAL COIL & SYSTEM CLEANER

-  Ready to use
-  Aerosol
-  Concentrate
-  Condensate pump safe

KEY FEATURES

- For use after burnouts, before component changes or when retrofitting
- Will flush away sludge, carbon residues, acids, oils and water
- Low viscosity – flows easily

Part No.	Product	Qty	Size
S010190	EndoFlush	4	5L
S010004	EndoFlush	1	20L
S010124	EndoFlush	1	205L



PyroCool™

FLAME RETARDANT GEL



Ready to use



Aerosol



Concentrate



Condensate pump safe

KEY FEATURES

- Protects all surfaces and parts close to brazing, soldering and welding
- Reduces risk of fire by protecting surfaces and dissipating heat
- Suitable for copper, steel and aluminium pipework

Part No.	Product	Qty	Size
S050020	PyroCool	12	250ml
S050021	PyroCool	8	500ml
S050004	PyroCool	8	1L



Advanced Premium Oil

VACUUM PUMP OIL

KEY FEATURES

- Designed for vacuum pumps
- High thermal stability
- Low moisture content

Part No.	Product	Qty	Size
S145023	Advanced Vacuum Pump Oil	12	1L



HydroSprayer®

CLEANER APPLICATOR

KEY FEATURES

- Heavy duty low-pressure sprayer
- Suitable for use with all Advanced coil cleaner concentrates
- Full range of spares available

Part No.	Product	Qty	Size
S010107	HydroSprayer	1	8L
S010138	Replacement Seal Kit	1	-
S010139	Pump Assembly	1	-
S010140	Lance Assembly (includes nozzle)	1	-
S010141	Handle Assembly	1	-
S010142	Pressure Relief Valve	1	-



HydroSprayer-Elite®

BATTERY-POWERED ELECTRIC SPRAYER

KEY FEATURES

- 15L tank capacity which is packaged as a back pack with supportive straps
- A 12V long-life rechargeable battery
- Powerful automatic pump that produces 60 psi at the squeeze of a trigger
- Use with Advanced concentrated and ready-mixed coil cleaner chemicals, both indoors and outdoors

Part No.	Product	Qty	Size
S010450	HydroSprayer-Elite	1	15L

The HydroSprayer-Elite is NOT suitable for use with ScalePro as the hydrochloric acid will dissolve the soft PVC parts, such as gaskets and the pump membrane.



HookTite®

CLEANING COVER FOR CEILING AIR CONDITIONERS

KEY FEATURES

- Ideal for routine maintenance
- Protects walls, carpets and surrounding equipment whilst cleaning
- Perfect for use with Advanced coil cleaners
- Access holes and a drain tube to ensure splash-free cleaning
- Time-saving - no dust sheets and no cleaning up afterwards



Part No.	Product	Qty	Size
S010122	HookTite	5	1000 x 1000mm

TieTite®

CLEANING COVER FOR WALL-MOUNTED INDOOR UNITS

KEY FEATURES

- Ideal for use with high wall air conditioning units
- Protects walls, carpets and surrounding equipment whilst cleaning
- Provides protection to the user



Part No.	Product	Qty	Size
S010424	TieTite 1	Pack of 50 & Bucket	930 x 450mm
S010426	TieTite 2	Pack of 50 & Bucket	1100 x 450mm
S010119	TieTite Size 1	5	930 x 450mm
S010423	TieTite Size 1	Pack of 10	930 x 450mm
S010120	TieTite Size 2	5	1100 x 450mm
S010425	TieTite Size 2	Pack of 10	1100 x 450mm

EasyWipes™

PROFESSIONAL GRADE HAND WIPES

KEY FEATURES

- Cleans surfaces quickly and effectively
- Safe for use on hands
- Ideal for a quick clean-up after a job



Part No.	Product	Qty	Size
S010151	EasyWipes	20 packs	50 wipes/pack
S010365	EasyWipes (box)	1 box	8 packs

AC-Pro®

REPORT SHEETS



KEY FEATURES

- Present a professional image with these two part NCR reports
- Help your clients comply with the current F-Gas regulations
- Provide structured information to keep your client's equipment log books up to date (BS/EN 378-2:2000)

Part No.	Product	Qty	Size
S080349	AC-Pro Air Con Service Report	1	50 sheets
S080350	AC-Pro Breakdown Report	1	50 sheets
S080351	AC-Pro Commissioning Report	1	50 sheets
S080352	AC-Pro Installation Report	1	50 sheets

Part No.	Product	Qty	Size
S080353	AC-Pro Parts Request Report	1	50 sheets
S080354	AC-Pro Refrigerant Tracking Report	1	50 sheets
S080355	AC-Pro Refrigeration Service Report	1	50 sheets
S080356	AC-Pro Pipe Strength/tightness	1	50 sheets

AC-Pro®

F-GAS SYSTEM LABELS



KEY FEATURES

- Record the total system refrigerant charge
- Keep a refrigerant leak check record
- Water & weather resistant
- Pack contains:
30 x Adhesive stickers (140 x 105mm)
1 x Marker Pen

Part No.	Product	Qty
S080270	AC-Pro F-Gas	5

Mimic

UNIVERSAL REMOTE CONTROLLER



KEY FEATURES

- Fast and easy to program
- Controls all common functions
- Programmable timer allows for more economical AC operation
- Only one remote controller for multiple units

Part No.	Product	Qty
177ACE0006	Mimic	1

Flushing pump

KEY FEATURES

- For use with EndoFlush
- Pump spare parts available



Part No.	Product	Qty	Size
S010005	Flushing Pump	1	110V
S010006	Flushing Pump	1	240V
S070173	Electric Box	1	-
S070174	Replacement gauge	1	-
S010090	Service kit	1	-

Bar/Psi	RPM/UPM	Flow Rate		Performance	
		L/min	GPM	HP	kW
5 / 72	1300	11,2	3,0	0,2	0,2
	1350	11,5	3,0	0,2	0,2
	1400	11,8	3,1	0,2	0,2
	1450	12,1	3,2	0,2	0,2



Turbo Set 1000

PORTABLE BRAZING KIT

KEY FEATURES

- Independent fuel adjustment
- Mignon oxygen pressure reducer and gas valve with flame arrester
- Complete with welding goggles, lighter, spanner and brazing rods
- High temperature flame - ideal for brazing, heating & soldering (3050°C)

Part No.	Product	Qty
S050026GB	Turbo Set 1000	1 kit

Part No.	Spares	Qty
S050028	4 Nozzle Star	1
S050027	Complete handgrip - Hoses/valve/gauge regulators (TS1000)	1
S050006	Complete welding head	1
S050029	Spark Lighter	1
S050030	Welding Goggles	1

Part No.	Replacement Cylinder	Qty	Size
S050014	Oxygen Cylinder	12	930ml
S050011	MaxyGas Cylinder	12	650ml


BRAZING & SOLDERING


Hazardous transport.

Maxymum Nitrogen Regulator

KEY FEATURES

- Supplied with durable 63mm metal gauges, with protective boots
- Central section machined from a solid brass bar, for improved rigidity and strength
- ISO 5171 compliant gauges designed to be used with compressed gas systems up to 30 MPa (300 bar)
- Maximum inlet pressure of 300 bar, with a pressure relief valve for additional safety

Part No.	Product	Qty
S100422	Maxymum High Pressure Regulator	1

Technical Information		
Gas	Nitrogen	Argon
Colour	Black	Black
ID	N	N
P1 bar	300	300
P2 bar (outlet pressure)	60	60
Q1 m ³ /h (delivery flow)	150	150



QwikCheck®

ACID TEST KIT

KEY FEATURES

- Tests for inorganic acids without messy oil samples
- Accurate, fast and cheap with a unique design
- Colour indicator if acid is present
- All refrigerant types



Part No.	Product	Qty	Size
S110002	QT2000 QwikCheck	1 test	-

RESOURCES EXTRA

JALLY® STRIP PLACEMENT

The correct application for the Jally Strips in chiller cabinet condensate drain pans will vary depending on the size and design of the chiller cabinets.

Quantity:

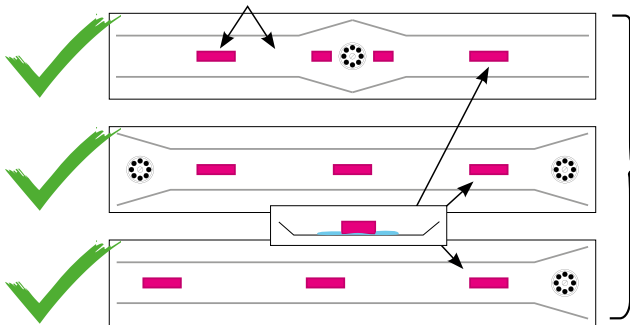
The number of Jally Strips required matches the length of the cabinet in metres. i.e. a 3 metre cabinet requires 3 x Jally Strips.

Placement:

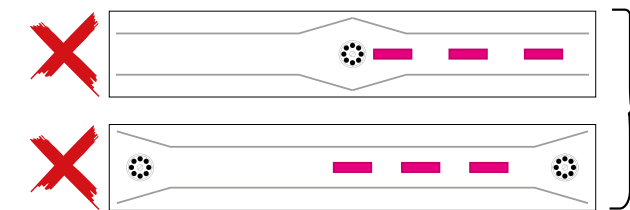
Some common sense will be required as not every potential layout will be covered by the diagram (below). As a rule of thumb, the strips should be evenly spaced along the bottom of the drain pan, where they will come in to contact with the condensate water draining down from the evaporator.



One Jally Strip broken in half



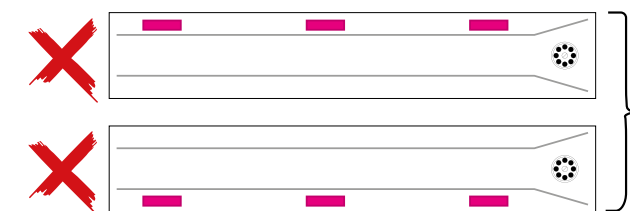
This is the correct application of the Jally Strips. They are evenly spaced along the bottom of the condensate tray, ensuring complete protection from jelly forming in the tray and drains.



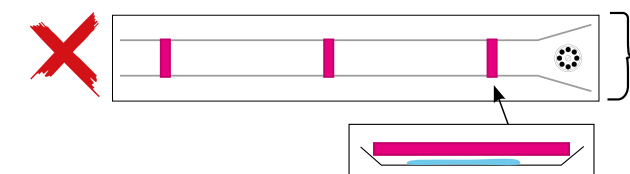
These Jally Strips have been incorrectly positioned. By not spacing out the Strips evenly, it creates the potential for jelly to form on the left hand side of the condensate tray and the second drain hole.



By placing the Jally Strips on the far side of the drain, very little condensate will come in to contact with the strips, meaning very little biocide will be released. This will result in the jelly forming.



The Jally Strips have been designed to sit in the lowest part of the condensate tray. By incorrectly placing them on the high sides of the condensate tray, they will not come into contact with the required amount of condensate to release the biocide which prevents the jelly forming.



Again, the Jally Strips have been designed to sit in the lowest part of the condensate tray. Be careful not to bridge the two high sides of the condensate tray with the strips. If you do, the condensate will simply flow underneath the strips, preventing any biocide from being released.

Please note that we recommend a deep and thorough clean of any refrigeration system using **DrainSafe** and **CoolSafe** (part of our 3-step cleaning process). Please ensure that the condensate drains are running free and clear before placing the strips - **Jally Strips** will maintain the environment that a deep clean creates.

JAVAC

The JAVAC brand has a proud heritage of supplying quality tools to the HVAC/R industry. For over 50 years the brand has stood for quality, reliability and service – making JAVAC one of the UKs most trusted names in HVAC/R service equipment.

As part of the Aspen Pumps Group we are now able to bring JAVAC to European customers and like all Aspen Pumps Group brands, our focus is on products which make the installer's life easier.









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Key

				
Guarantee	Service	Calibration service	Injection	Charge inline

 All universal/POE dye capsules are NSF Certified and registered to meet food-grade processing requirements for category codes HTX-2 and HX-2.

Why choose JAVAC recovery units?

Faster and lighter

Largest recovery rates on the market:

Liquid 216kg/hr; Vapour 30kg/hr; Push/pull 660kg/hr

Our high torque AC motor, reduces noise and increases liquid pumping by up to 50%*. This ensures that the residual vapour moves faster and delivers your results quicker.

Oil-less lubrication compressor maximizes speed in both liquid and vapour recovery.

Lighter than competitors equivalents: 16kg

X-Connect technology

An industry first, X-Connect technology protects the XTR-PRO-DV A2L's vital components against incorrect voltage for example: 230V supply when switched to 115V.

Zero downtime

Purge and self cleaning can be completed while the system is running so there is no need to shut down.

Multi purpose recovery

Capable of recovering a range of CFC's, HCFC's, HFC's and A2L/R32 with blends of A & B variations of most of these gases.

Thoughtful design

All of our refrigerant recovery units include a comprehensive built in manifold. Ergonomic design makes the units easy to carry and transport.

Safety first

Additional features on our recovery units include cool to touch unit, refrigerant connections that point down away from your eyes, safety switches, thermal overloads, circuit breakers and convenient connection points all on one side of the unit. All of our products are CE certified.

A name you can trust

All of JAVAC's products are built to stringent standards for quality performance and strength.

*Based on 1/2 HP – XTR PRO-DV A2L



Ergonomic design makes our units easy to carry.

XTR-Pro-DV A2L JAV-1061

XTR-Altima A2L

SPARK PROOF REFRIGERATION RECOVERY UNIT



KEY FEATURES

- Suitable for R32, R1234YF plus all standard refrigerants
- Spark proof design: 5 m hard wired cable
- Fast recovery rates, twin head compressor
- High torque AC motor



Suitability	R32, R1234YF, HFC/HCFC/ CFC/A2L, Standard
Push/Pull (kg/hr)	660
Vapour (kg/hr)	30
Liquid (kg/hr)	216
Power supply	230 V
Motor size	3/4 HP
HP cut out	500 psi (35 bar)
Compressor	V-Twin with electronic starter
Weight	16kg
Dimensions	420 x 290 x 420mm

Description	Part No.
XTR-Altima A2L	JAV-1059



Hard wired



Protected switches & circuit breaker

XTR-Pro DV A2L

SPARK PROOF DUAL VOLTAGE REFRIGERATION RECOVERY UNIT



KEY FEATURES

- Suitable for R32, R1234YF plus all standard refrigerants
- Spark proof design: 5 m hard wired cable
- Dual voltage – switch easily to 115 V* or 230 V
- Integrated circuit breaker protection.
- X-Connect technology protects against incorrect voltage



Suitability	R32, R1234YF, HFC/HCFC/ CFC/A2L, Standard
Push/Pull (kg/hr)	300
Vapour (kg/hr)	15
Liquid (kg/hr)	90
Power supply	115 V* or 230 V
Motor size	1/2 HP
HP cut out	500 psi (35 bar)
Compressor	Oil-less
Weight	12kg
Dimensions	420 x 290 x 420mm

*115V cable sold separately.

Description	Part No.
XTR-Pro DV A2L	JAV-1061EU



Hard wired



Protected switches & circuit breaker

XTR-Ultra A2L

REFRIGERATION RECOVERY UNIT

COMING 2021



KEY FEATURES

- Ultra lightweight – 8.4kg
- Ultra fast liquid recovery rate – 120kg/hr
- Spark proof design: 5 m hard wired cable
- Suitability A2L, HFC, HCFC & CFC



Suitability	A2L / HFC / HCFC / CFC
Push/Pull (kg/hr)	420
Vapour (kg/hr)	19
Liquid (kg/hr)	120
Power supply	240 V
Motor size	3/4 HP
HP cut out	550 psi (38 bar)
Compressor	Oil less
Weight	8.4kg
Dimensions	320 x 220 x 260mm

Description	Part No.
XTR-Ultra A2L	JAV-1063-A2L



XTR-Ultra

REFRIGERATION RECOVERY UNIT

- Ultra lightweight – 8.4 kg
- Ultra fast liquid recovery rate – 120 kg/hr.
- Suitability HFC/HCFC/CFC

Description	Part No.
XTR-Ultra	JAV-1063



Information correct at time of going to press.

Caresaver hydrocarbon

REFRIGERATION RECOVERY UNIT

R32 | ① | ★

KEY FEATURES

- Liquid and vapour recovery with automatic changeover
- Self discharging and Hot Gas/Cool Gas discharge switch
- On board refrigerant storage facility – capacity 250g
- Automatic high and low pressure safety switches and manual low pressure override switch
- 110V and 240V models available
- Compressor protection, HP switch plus thermal overload



Suitability	R22, R134A, R404A, R407C, R410A, R413A, R417A, R502, R600A, R290, R1234YF, R32 & all CARE® blend refrigerants
Recovery (kg/hr)	32
Power supply	240 V
Motor size	145W
HP cut out	360 psi (25 bar)
Compressor	Hermetic oil-lubricated, air cooled
Weight	21kg
Dimensions	470 x 235 x 335mm

Description	Part No.
Caresaver hydrocarbon	JAV-1032

Care-Air hydrocarbon

REFRIGERATION RECOVERY UNIT



KEY FEATURES

- The CARE-AIR fan module is an essential service accessory to be used when transferring hydrocarbon refrigerant and should feature in the risk assessment process
- Commutated motor
- 5 m hard wired mains lead with moulded plug
- Non sparking thermoplastic fan blade for increased performance and reduced noise level
- Mains cable storage
- Robust painted steel casework



Airflow	700 m ³ /h
Power supply	230 V 50Hz
Power Absorbed	25W
Fuse Protection	3A
Ambient temperature rating	-20°C to 55°C
Weight	6.48kg
Dimensions	300 x 220 x 380mm

Description	Part No.
Care-Air hydrocarbon	JAV-1033

Vacuum pumps

Future proof

Everything you need in a vacuum pump to handle today's mildly flammable refrigerants efficiently and safely.

Reliability

In the event of power loss, our isolation solenoid valve* means long vacuums are now protected. Saving you hours of work and having to do the vacuum all over again.

Competitor vacuum pumps can exhaust oil up into the air resulting in an oil-mist landing on yours and your customer's equipment, a messy and inconvenience you do not need.

Our anti-oil demister prevents this by recycling the oil and keeping it within the vacuum pump. Clean and tidy job every time.

Double stage oil sealed.

Dual connector versatility†

The unique dual connector offers two hose fittings designed to cover a broad range of application capabilities:

- 1/4" fitting for standard gases
- 3/8" fitting for heavy duty hoses.

Solid and robust

The stocky design of the Bulldog A2L keeps this vacuum pump well grounded, making it very hard to wobble and tip over. Reassuring to know oil-spills are avoided when transporting and positioning.

†CC Series Vacuum Pumps only
*JAV-1061 Bulldog Vacuum Pump only

Practically designed
and built for
the toughest of
environments



JAV-1065 CC-141

Bulldog A2L

SPARK PROOF VACUUM PUMP



KEY FEATURES

- Spark proof design: 5 m hard wired 240 V cable
- Two stage oil sealed vacuum pump
- Isolation solenoid valve
- Dual oil mist filters to prevent oil mist
- Unique tri-connector offers three hose fittings designed to cover a broad range of application capabilities



Suitability	All standard and A2L applications
Stage	Double
Ultimate vacuum	15 Microns
Free air displacement	156 l/m (5.5 CFM)
Power supply	240 V 50Hz
Motor size	2880 rpm
Power cord	5 m, Glanded
Oil capacity	450ml
Intake fittings	1/4", 5/16", 3/8" SAE
Weight	12.5kg
Dimensions	338 x 212 x 238mm

Description	Part No.
Bulldog A2L	JAV-1075



Spark proof design



Anti-oil demister to prevent oil-mist



Intake fittings

Universal vacuum pump oil

KEY FEATURES

- Designed for rotary vane vacuum pumps
- Maximises performance and increases depth of vacuum
- Contains additives to improve the anti wear performance, oxidation resistance, corrosion protection, pour point (cold starting), air release and anti foaming tendencies
- Low lacquer and carbon forming tendency ensuring cleaner systems
- Excellent corrosion resistance
- Improved sealing and mechanical efficiency
- High film strength. Minimal oil carry-over



Description	Part No.
Universal Oil 1 L	HV68/1
Universal Oil 4 L	HV68/4

Information correct at time of going to press.

CC Series A2L

DUAL VOLTAGE VACUUM PUMPS



COMING
2021



KEY FEATURES

- High performance A2L range
- Sparkproof switches
- Hard wired 5m Lead
- Dual Voltage
- Solenoid valve
- Easy Access oil drain

Model	CC-31 A2L	CC-141 A2L	CC-231 A2L
Part No.	JAV-1069-A2L	JAV-1065-A2L	JAV-1067-A2L
Suitability	All standard and A2L applications		
Stage	Double		
Ultimate vacuum	15 microns		
Free air displacement	40 l/m (1.4 CFM)	151 l/m (5.3 CFM)	251 l/m (8.9 CFM)
Power supply	Dual voltage 110/240 V 50Hz		
Motor size	1/4 HP	1/2 HP	2/3 HP
Power cord	IEC		
Oil capacity	140 ml	540 ml	620 ml
Intake fittings	1/4" SAE, 3/8" SAE and 1/2" ACME		
Weight	4.5 kg	11 kg	14.8 kg
Dimensions	265 x 105 x 220 mm	348 x 140 x 272 mm	380 x 160 x 285 mm

CC Series

DUAL VOLTAGE VACUUM PUMPS



Model / Part No.	CC-31	CC-141	CC-231
Suitability	All standard refrigerants. Non Hydrocarbon		
Stage	Double		
CFM	1.4	5.3	9
Ultimate vacuum	15 microns		12 microns
Free air displacement	40 l/m (1.4 CFM)	140 l/m (5.3 CFM)	230 l/m (9 CFM)
Power supply	Dual voltage 110/240 V 50Hz		
Motor size HP		1/3	2/3
Power cord	IEC		
Oil capacity (ml)	380	450	500
Intake fittings	1/4 SAE, 3/8 SAE and 1/2 ACME		
Weight	9.8 kg	12 kg	15.5 kg
Dimensions	330 x 135 x 255mm	350 x 135 x 255mm	380 x 160 x 285mm

Digital vacuum gauge



KEY FEATURES

- Patented vacuum gauge technology* enables the highest accuracy possible in a micron gauge
- Small and mighty. Pocket size, measuring only 110mm tall
- Automatic oil sensor
- 'Calibration self-check' function tells the user when and if re-calibration is necessary
- Instantaneous warm-up and response time
- 'Leak Rate Indicator' & 'Programmable Productivity' functions (Evacuation and Rise-Time Analysis) – saving you time by automating the work

Range	0 - 25,000 Microns (3330 Pa, 33.30 mBar, 25mmHg)
Accuracy	± (5% of Reading + 5 Microns)
Resolution	1 Micron (0.1 Pa, 0.001 mBar, 0.001mmHg)
Units	Microns, Pa, mBar,mmHg, Torr
Warm-up Time	Instant
Response Time	Instant
Power	2 X 'AAA' Alkaline Batteries. up to 100 hours
Operating temp	-12°C - 50°C
Maximum Overpressure	500 PSI (34.5 Bar)
Dimensions	110 x 33 x 25mm
Weight	77 g including batteries



5° bend 1/4 flare female connector connects directly onto the system allowing for a more accurate reading

Description	Part No.
Digital vacuum gauge	JAV-1041

Torr gauge



KEY FEATURES

- Stainless Steel construction
- Blow out plug for over pressure protection (available as a spare part no. CR2-PLUG)

Accuracy	Class 2
Units	Torr, mbar
Operating pressure range	0 - 40 Torr / 50 mbar
Connector type	1/4" Flare connection
Diameter	100mm

Description	Part No.
Torr gauge	CR2-40





Losing refrigerant?
Find the source quickly

Electronic Leak Detection

Why electronic?

- ✓ Detect leaks in open, easier to access spaces
- ✓ Audio & visual alarms.
- ✓ Unique digital leak size indicator takes the guesswork out of whether or not to repair a small leak
- ✓ Grab and go. Hand held convenience.
- ✓ Quick warm up time with instant results.
- ✓ Automatic calibration and reset to ambient levels.
- ✓ Adjustable sensitivity levels.
- ✓ Battery operated. 20 hours continuous.
- ✓ CE certified.
- ✓ The PROFIND⁺ combustible gas leak detector utilises a solid state heated sensor designed for high sensitivity to all Hydrocarbon refrigerants and combustible gases including Methane (Natural Gas), Propane (R-290), Isobutene (R-600A), Butane, (LPG), Ethane (R-170), Acetylene, Methanol, Acetone, Gasoline and others.

Ease of use



Turn on. The detector automatically starts heating the sensor.



Warm up is usually less than 10 seconds.



Run the sensor tip slowly across your HVAC system. Once a leak is detected, a visual or alarm will sound.

Profind

REFRIGERANT GAS LEAK DETECTOR



KEY FEATURES

The PROFIND refrigerant gas leak detector features a long life solid electrolyte sensor technology that is designed to detect all standard gases including HFC/CFC/HCFC.

- Long life, stable sensor
- Unique numeric leak size indicator
- Automatic calibration and reset to ambient levels
- 3 adjustable sensitivity levels



Sensitivity	2 g/yr (R32) 1.5 g/yr (R-134A) 0.5 g/yr (R-1234YF) 0.7 g/yr (R-22)
Life of sensor	up to 10 Years
Response time	Instantaneous
Power	4 AA Alkaline batteries
Battery life	4-6 hours continuous
Warm up time	< 20 seconds
Probe length	432mm
Numerical display	7 segment digital display (1 to 9)
Weight	680 g

Description	Part No.
Profind	JAV-1089

Profind⁺

COMBUSTIBLE GAS LEAK DETECTOR



KEY FEATURES

The PROFIND⁺ combustible gas leak detector utilises a solid state heated sensor designed for high sensitivity to all Hydrocarbon refrigerants and combustible gases including Methane (Natural Gas), Propane (R-290), Isobutene (R-600A), Butane, (LPG), Ethane (R-170), Acetylene, Methanol, Acetone, Gasoline, Hydrogen and others.

- Long life, stable sensor
- Unique numeric leak size indicator
- Automatic calibration and reset to ambient levels
- 3 adjustable sensitivity levels



Sensitivity	5 ppm (Methane)
Life of sensor	up to 300 hours
Response time	Instantaneous
Power	4 AA Alkaline batteries
Battery life	20 hours continuous
Warm up time	< 10 seconds
Probe length	432mm
Numerical display	7 segment digital display (1 to 9)
Weight	567 g

Description	Part No.
Profind ⁺	JAV-1090





SPECTROLINE
HVAC/R

Two convenient delivery methods:

- 1** Inject dye with a turn of the handle.
- 2** Charge inline with refrigerant using your manifold and hose.



Fluorescent Leak Detection Dye and Additives

Why system dye?

- ✓ Quickly find the exact source of each & every leak. Even in the most awkward of places.
- ✓ Spectroline® dyes glow brighter than the competition.
- ✓ Easily implemented into a comprehensive preventative maintenance program.
- ✓ Dyes and sealants are fully compatible with ALL popular refrigerants and oils.
- ✓ All injector assemblies easily overcome system pressure, including high-pressure R-410A systems.
- ✓ Co-solvent free. Dyes will not impair lubricant properties.
- ✓ All dyes are NSF certified.

Ease of use



Add dye to the system & let it circulate. Charge inline with refrigerant or Inject dye with a turn of the handle.



Scan system with a Spectroline leak detection lamp and see any leaks glow brightly. Up to 8 meters away!



Dye continues circulating in the system working for you around the clock, 24/7 to quickly identify any future leaks. Once in, always on.

Trusted by more HVAC/R OEMs than any other brand...



EZ-Ject™

INJECTION



KEY FEATURES

The revolutionary way to add fluorescent dyes into air conditioning and refrigeration systems — without the use of additional refrigerant, manifold and additional hoses. No pouring and no refrigerant required for injection.

- Spectroline dyes glow brighter than the competition
- One calibrated cartridge provides exact dosing for multiple systems
- Easily overcomes system pressure up to 450 psi (31 bar)

Cartridge size	Treats (lubricant / refrigerant)	
15ml	up to 7.6 L	up to 11.3kg



Inject dye with a turn of the handle.

Description	Part No.
EZ-Ject Kit (SPE-EZ100E-CS)	JAV-1154
Universal/POE dye cartridge (SPE-EZ5E-CS)	JAV-1155
20cm hose assembly with low-loss fitting & check valve	JAV-1210EZ-25
Dye injector assembly	JAV-1211EZ-50

KIT INCLUDES	
15ml Universal/POE dye cartridge	x 2
Dye injector assembly	x 1
20cm hose assembly with low-loss fitting & check valve	x 1
R-410A adapter	x 1

EZ-Ject™ Complete Kit

COMPLETE KIT INCLUDES

15ml EZ-Ject Universal/POE dye cartridge	x 2
Dye injector assembly	x 1
20cm hose assembly with low-loss fitting & check valve	x 1
R-410A adapter	x 1
Violet light LED leak detection lamp	x 1
Fluorescence-enhancing glasses	x 1
60ml Glo-Away Plus dye cleaner	x 1
Drip plugs; Service labels	x 3

Description	Part No.
EZ-Ject Complete Kit (SPE-HVLEZE)	JAV-1156



Glo-Stick®

CHARGE INLINE



KEY FEATURES

- Convenient, mess-free, single-dose capsules. Add refrigerant and fluorescent dye in one simple step
- Spectrolin dyes glow brighter than the competition
- Available in 4 sizes/concentrations to match the capacity of the system
- Inject dye while charging with refrigerant, or when connecting from the high side to the low side

Part No.	Cartridge size	Treats (lubricant / refrigerant)	
JAV-1161	0,89ml	up to 445ml	up to 1,3kg
JAV-1162	15ml	445ml – 1,5 l	1,4 – 2,2kg
JAV-1163	15ml	1,6 – 3 l	2,3 – 4,5kg
JAV-1164	15ml	3,1 – 7,6 l	4,6 – 11,3kg

Description	Part No.
Glo-Stick 101E (SPE-GS101E-CS) 6 Pack	JAV-1161 JAV-1157
Glo-Stick 1E (SPE-GS1E-CS) 6 Pack	JAV-1162 JAV-1158
Glo-Stick 2E (SPE-GS2E-CS) 6 Pack	JAV-1163 JAV-1159
Glo-Stick 3E (SPE-GS3E-CS) 6 Pack	JAV-1164 JAV-1160



Charge inline with refrigerant



1/4" connections built in

Glo-Stick® Complete Kit

COMPLETE KIT INCLUDES

Glo-Stick 1E, 2 x Glo-Stick 2E, 1 x Glo-Stick 3E	x 1
20cm hose assembly with low-loss fitting & check valve	x 1
Bleed valves; 1 x Purge capsule; 1 x R-410A adapter	x 1
Violet light LED leak detection lamp	x 1
Fluorescence-enhancing glasses	x 1
60ml Glo-Away Plus dye cleaner	x 1
Drip plugs; Service labels	x 3

Description	Part No.
Glo-Stick Complete Kit (SPE-HVLGSE)	JAV-1165



Information correct at time of going to press.

BigEZ™

INJECTION



JAV-1166



JAV-1168



JAV-1120

KEY FEATURES

No pouring, no refrigerant, no spills – pre-filled BigEZ cartridges are clearly labelled with 32 or 64 calibrations so you'll introduce exactly the right amount of dye every time.

- Spectrolin dyes glow brighter than the competition
- One calibrated cartridge provides exact dosing for multiple systems.
- Easily overcomes system pressure up to 200 psi (13.7 bar)

Dosage	Treats (lubricant / refrigerant)	
118ml	up to 61L	Up to 181kg



Inject dye with a turn of the handle.

Description	Part No.
BigEZ (SPE-BEZ5E-4CS)	JAV-1168
Pack of 3 (SPE-BEZ2E-4P3)	JAV-1167
BigEZ Kit (SPE-BEZ400E-CS)	JAV-1166
BigEZ Injection (BEZ50)	JAV-1120

KIT INCLUDES

118ml BigEZ Universal/POE dye cartridge	x 1
Dye injector assembly	x 1
20cm hose assembly with low-loss fitting & check valve	x 1

BigEZ™ Complete Kit

COMPLETE KIT INCLUDES

118ml BigEZ Universal/POE dye cartridge	x 1
Dye injector assembly	x 1
20cm hose assembly with low-loss fitting & check valve	x 1
R-410A adapter	x 1
Violet light LED leak detection lamp	x 1
Fluorescence-enhancing glasses	x 1
60ml Glo-Away Plus dye cleaner	x 1
Drip plugs; Service labels	x 3

Description	Part No.
BigEZ Complete Kit (SPE-HVLBEZE)	JAV-1169



Violet light LED

FLUORESCENT LEAK DETECTION LAMP



KEY FEATURES

Economical and powerful, cordless leak detection lamp. Reveals even the smallest refrigerant leaks! Universal/POE dyes only.

- Provides optimal fluorescent dye response and contrast
- Pre-focused beam optimizes fluorescent response
- Compact design easily gets into tight, cramped spaces
- Rugged, corrosion-resistance anodized lamp body stands up to years of heavy use
- Anti-roll cuff



Range	up to 8m
Power	x3 AAA batteries (included)
Run time	up to 5hrs

Description	Part No.
Violet light LED leak detection lamp (SPE-HVL-CS)	JAV-1176

KIT INCLUDES

Violet Light LED Leak Detection Lamp	x 1
AAA batteries	x 3
Fluorescence-enhancing glasses	x 1



NOTE: For most applications, our violet light lamp does not require fluorescence enhancing glasses.

Cool Seal™

INJECTION



JAV-1106



JAV-1103



JAV-1111

KEY FEATURES

- Seals micro leaks in condensers, evaporators, o-rings and hoses
- Can add years to older, out-of-warranty AC&R systems that leak small amounts of refrigerant
- Works with all popular refrigerants and oils
- Remains safely in system to help protect against future leaks

Dosage	Treats (cooling)
15ml	up to 14 kW
60ml	up to 56 kW

Description	Part No.
Cool Seal, 1 x 15ml (CS-1CS)	JAV-1103
Cool Seal, 1 x 60ml (CS-2CS)	JAV-1111
Cool Seal Kit (CS-100CS)	JAV-1106

KIT INCLUDES

15ml Cool Seal A/C leak sealer cartridges	x 2
Injector assembly	x 1
20cm hose assembly with low-loss fitting & check valve	x 1
R-410A adapter; service labels	x 1



Inject dye with a turn of the handle.

Cool Seal™

CHARGE INLINE



KEY FEATURES

- Add Cool Seal A/C Leak Sealer and refrigerant in one simple step
- Works with all popular refrigerants and oils.
- Non-polymer, oil-soluble formula safe for system components and recovery equipment
- Remains safely in system to help protect against future leaks
- Can be injected with system off or running
- Use any 1/4" ball valve to purge lines before use (EL33021)
- Requires bleed valves for injection

Dosage	Treats (cooling)
15ml	up to 14 kW

Description	Part No.
Cool Seal, 1 x 15ml (CS-3CS)	JAV-1140



Charge inline with refrigerant



1/4" connections built in

Information correct at time of going to press.

Glo Seal™

INJECTION



JAV-1173



JAV-1174



KEY FEATURES

- Have peace of mind as Glo Seal works for you 24/7 for continual leak detection and ongoing sealing
- Works with all popular refrigerants and oils
- Non-polymer, oil-soluble formula safe for system components and recovery equipment
- Remains safely in system to help protect against future leaks
- Can be injected with system off or running

Dosage	Treats (cooling)
15ml	up to 12 kW

Description	Part No.
Glo Seal, 1 x 15ml (SPE-EZDS-CS)	JAV-1174
Glo Seal Kit (SPE-EZDSK-CS)	JAV-1173

KIT INCLUDES

15ml Glo Seal Universal/POE dye cartridges	x 2
Dye injector assembly	x 1
20cm hose assembly with low-loss fitting & check valve	x 1
R-410A adapter; service labels	x 1



Inject dye with a turn of the handle

Glo Seal™

CHARGE INLINE



KEY FEATURES

- Convenient, mess-free, single-dose capsules. Have peace of mind as Glo Seal works for you 24/7 for continual leak detection and ongoing sealing
- Works with all popular refrigerants and oils
- Non-polymer, oil-soluble formula safe for system components and recovery equipment
- Remains safely in system to help protect against future leaks
- Can be injected with system off or running
- Use any 1/4" ball valve to purge lines before use (EL33021)

Dosage	Treats (cooling)
15ml	up to 12 kW

Description	Part No.
Glo Seal, 1 x 15ml (SPE-GSDS-CS)	JAV-1175



Charge inline with refrigerant



1/4" connections built in

Information correct at time of going to press.

AR-Glo[®] 5E

POUR DIRECT INTO SYSTEM



KEY FEATURES

AR-Glo bottled dyes can be poured directly into any AC&R system. Dye can remain safely in the system to confirm repairs and preform future preventive maintenance checks

- Universal/POE dye is compatible with ALL refrigerants and lubricants
- Fluoresces up to 10% brighter
- Spectroline dyes glow brighter than the competition

Dosage	Treats (POE refrigerant oil)
7ml	up to 4,5L
473ml	up to 242L

- Improved Shelf Life – Up to 5 years!
- Improved Stability – More tolerant to extreme temperature range & moisture
- Environmentally Sound – Natural safe raw materials, small carbon footprint
- Exclusive Formula – From the inventors and most trusted name in fluorescent leak detection

Description	Part No.
AR-Glo, 60ml (SPE-AG5E-2P6) 6 x 60ml bottles	JAV-1170
AR-Glo, 473ml (SPE-AG5E-16)	JAV-1171



JAV-1171

JAV-1170

Water-Glo® 802

POUR DIRECT INTO SYSTEM



KEY FEATURES

Find leaks fast in industrial sized water and water/glycol based fluid systems. Ideal for heat transfer fluid system applications, including boilers, chillers, geothermal heat pump systems and many more

- Highly concentrated dye that fluoresces green
- Works with any leak detection lamp
- Pinpoint leaks in piping, valves, condensers, seals, welds, and fittings
- Ideal for use as part of a diagnostic/preventive maintenance program



Dosage	Treats (water)
473ml	up to 3,800L

Description	Part No.
Water-Glo 802 (Water-Glo 802-P)	JAV-1137

Acid Buster™

INJECTION



JAV-1129



JAV-1119

KEY FEATURES

- Twice as concentrated as competitive solutions. Works with ALL refrigerants and lubricants (mineral oil, POE, PVE, and alkyl benzene lubricant)
- Compatible with semi-hermetic, hermetic and scroll compressors
- Direct, reusable injector eliminates the need for an oil pump

KIT INCLUDES

Acid Buster acid scavenging solution cartridges	x 2
Injector assembly	x 1
20cm hose assembly with low-loss fitting & check valve	x 1
R-410A adapter; service labels	x 1

Dosage	Treats (oil)
15ml	up to 946ml

Description	Part No.
Acid Buster (AB-5CS)	JAV-1119
Acid Buster Kit (AB-100CS)	JAV-1129

Glo-Away Plus

FLUORESCENT DYE CLEANER



KEY FEATURES

- New formulation that works to dissolve fluorescent dye from the leak site
- Requires less application & less time removing left over dye
- Concentrated! Stronger formula makes it easier to remove the toughest dye stains



Description	Part No.
1 x 60ml Glo-Away Plus (128484)	JAV-1172

Fluorescence enhancing glasses



Description	Part No.
Glasses (UVS-40)	JAV-1131



Carrying case



Description	Part No.
Carrying case (CC-130)	JAV-1121



Procharge 100

REFRIGERANT CHARGING SCALE



Part No.	G58610
Type	Digital
Weighing capacity	100kg
Accuracy	+/- 0.5%
Resolution	5 g
Power	9 V battery
Battery life	30 hours
Operating temperature	10 – 40°C
Weight	2.5kg
Dimensions	250 x 250mm

Description	Part No.
Procharge 100	G58610



Information correct at time of going to press.

Manifolds. Your tool kit essential.

Manufactured to the highest standards

All JAVAC Manifolds are built to EN-837-T3, Pressure Equipment directive standards and built with engineer in mind.



Accurate and quick application

1/4 turn control valves for fast operation and increased refrigerant flow.

Anti flutter pointer ensures an precise reading every time. Class 1 (1% accuracy).

Designed to take the pressure

Robust and easy to use with 80mm gauge heads, either dual seal piston or 1/4 turn mechanical valves. Forged aluminium body – durable & lightweight.

All JAVAC manifolds are built with long life Teflon seals, and larger capacity bore for maximum flow. Manifold sets include Continental® hoses as standard.



You choose

From replacement gauges to the full manifold kit with hoses, we have a manifold for you.



Forged aluminium body –
durable & lightweight

R410A / R32

MANIFOLDS



KEY FEATURES

- ¼ turn control valves for fast operation and increased refrigerant flow
- Piston style valves to ensure perfect sealing
- 3 x 72" Continental R/Y/B hoses.
- Forged aluminium body – durable and lightweight
- 80mm gauge heads with rubber protection surround
- Long life rubber seals
- Robust carry case with laser cut foam protection and manual



Product	Sight Glass	¼ turn	Piston Style	Hoses	Hard Case	Part No.
4 Valve	✓	✓	–	✓	✓	EL75172
2 Valve	✓	✓	–	✓	✓	EL86372
2 Valve	–	–	✓	✓	✓	EL66372
4 Valve	✓	✓	–	–	–	EL75700
2 Valve	✓	–	✓	–	–	EL74400
2 Valve	–	–	✓	–	–	EL66300

R410A / R32



All in one box



¼ turn control valves and sight glass

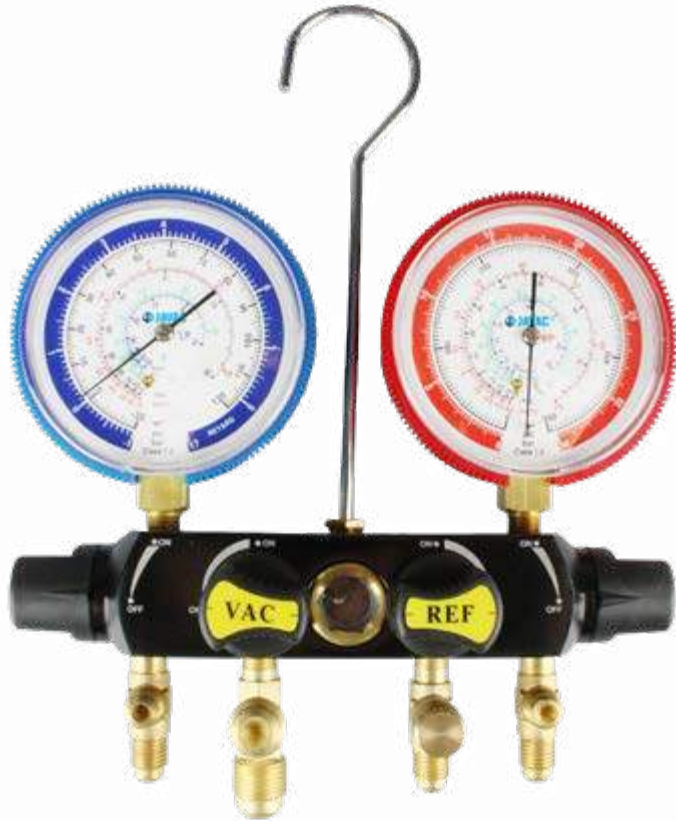
Multi Gas

R134A, R22, R404A, R407C MANIFOLDS



KEY FEATURES

- 1/4 turn control valves for fast operation and increased refrigerant flow
- Piston style valves to ensure perfect sealing
- 3 x 72" Continental R/Y/B hoses*.
- Forged aluminium body – durable and lightweight
- 80mm gauge heads with rubber protection surround
- Long life rubber seals
- Robust carry case with laser cut foam protection and manual



Product	Sight Glass	¼ turn	Piston Style	Hoses	Hard Case	Part No.
4 Valve	✓	✓	–	✓	✓	EL75372
2 Valve	✓	✓	–	✓	✓	EL84372
2 Valve	–	–	✓	✓	✓	EL64372
4 Valve	✓	✓	–	–	–	EL75300
2 Valve	✓	–	✓	–	–	EL74300

R134A, R22, R404A, R407C



All in one box



Anti flutter pointers

Pressure gauges

JAVAC | **R32** |  |  | 

KEY FEATURES

- Anti-flutter pointer
- Class 1 (1% accuracy)
- All internal pieces are made of brass - no plastic
- BAR & PSI



Description	Part No.
LP gauge – R22, R134A, R407C, R404A	EL54511
HP gauge – R22, R134A, R407C, R404A	EL54516
LP gauge – R410A / R32	EL56511
HP gauge – R410A / R32	EL56516



Anti flutter pointer

Supahose

STAINLESS STEEL REFRIGERANT HOSE



R32



KEY FEATURES

- Flexible PTFE lining surrounded by a braided stainless steel wire
- Maximum working pressure of 260 bar
- Temperature Range: up to +260 °C
- R22, R134A, R404A, R407C
- 1/4" SAE Connection



Length	Part No.
12" (30,5cm)	120404
15" (38cm)	150404
18" (46cm)	180404
24" (61cm)	240404
30" (76cm)	300404
36" (91,5cm)	360404
48" (122cm)	480404
60" (152,5cm)	600404
78" (198cm)	780404

Safe Seal

CHARGING HOSES



KEY FEATURES

Patented Safe Seal technology: 'One-Touch' design allows you to screw the fitting on to the system before starting refrigerant flow, avoiding refrigerant loss and risk of 'refrigerant burn'. Then simply turn the knob to start/stop flow.

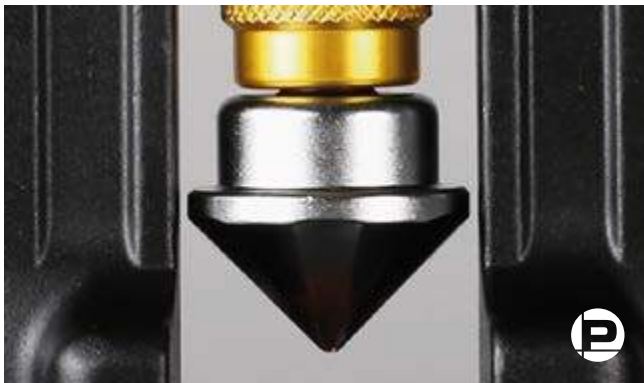
- 72" hose (183cm), Suitable for standard refrigerants.
- The safety swivel sleeve allows free rotational movement of the hose without the fitting coming loose being put under unnecessary strain and preventing unwanted leaks

Description	Part No.
Charging Hoses, Safe Seal, 1/4", Working Pressure: 600/3000 PSI (41 bar) Bursting pressure of 3000 psi (207 bar)	JAV-1071
R410A/R32 Charging Hoses, Safe Seal, 1/4" x 5/16", Working Pressure: 800/4000 PSI (55 bar) Bursting pressure of 4000 psi (276 bar)	JAV-1072



Safety Swivel
One-touch design

Tube tools



Diamond Flaring Cone*

Has a unique 'square edge fitting' so when attached the cone is allowed to spin as you turn the handle. Creating a perfectly smooth finish.



Dual Hinge Design*

Resets the handle position for extra leverage, making the second bend to 180° so simple.



90° Indicator feature*

Know when the tube has accurately reached a perfect 90° bend.



Reversing adaptors*

Bend pipe in all directions with ease - perfect for awkward spaces.



1/4" / 6 & 8mm Expander Head*

Makes small to large pipework joining installations a breeze.



Smart Spring Design*

Automatic cutting: Spring pressure advances the blade when cutting, so there is no need to re-tighten the cutter.

Smooth cutting: The blade will adjust to the shape of the tube, creating a smooth cutting motion

* PATENTED DESIGN.

Information correct at time of going to press.

Tube expander set

MULTI SIZE



KEY FEATURES

- Patented 1/4" / 6mm Expander Head makes small to large pipework joining installations a breeze
- Hard plastic carry case



Sizes	Part No.
8 Sizes: 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"	JAV-1025
8 Sizes: 6, 8, 10, 12, 15, 16, 18, 22mm	JAV-1187

Expander heads only

Sizes	Part No.	Sizes	Part No.
1/4"	JAV-1081	6mm	JAV-1188
1/2"	JAV-1080	8mm	JAV-1189
3/4"	JAV-1082	10mm	JAV-1190
3/8"	JAV-1083	12mm	JAV-1191
5/8"	JAV-1084	15mm	JAV-1192
7/8"	JAV-1085	16mm	JAV-1193
1"	JAV-1088	18mm	JAV-1194
1-1/8"	JAV-1086	22mm	JAV-1195
1-3/8"	JAV-1054	25mm	JAV-1196
1-5/8"	JAV-1055	28mm	JAV-1197



1/4" / 6mm Expander Head*

Tube bender set

MULTI SIZE



KEY FEATURES

- Patented 90° Indicator feature so you know when the tube has accurately reached a perfect 90° bend
- Complete with Reversing Adaptors to bend pipe in all directions with ease - perfect for awkward spaces
- 7 x mandrel sizes; 1 x Reverse bending attachment
- Hard plastic carry case



Sizes O.D.	Part No.
7 Sizes: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"	JAV-1021
7 Sizes: 6, 8, 10, 12, 15, 18, 22mm	JAV-1183



90° Indicator



Reverse bending adaptor

Tube benders

MULTI SIZE

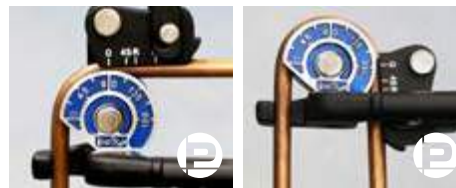


KEY FEATURES

Patented Dual Hinge Design – resets the handle position for extra leverage, making the second bend to 180° so simple.



Sizes O.D.	Part No.	Sizes O.D.	Part No.
3/8"	JAV-1016	10mm	JAV-1177
1/2"	JAV-1017	12mm	JAV-1178
5/8"	JAV-1018	15mm	JAV-1179
3/4"	JAV-1019	16mm	JAV-1180
7/8"	JAV-1020	18mm	JAV-1181
		22mm	JAV-1182



Dual hinge design

Tube straightener

MULTI SIZE



KEY FEATURES

- Accurately straightens light wall tube from coil
- Straighten what you need – less material wastage
- Accelerated flow for better efficiencies from straighter pipe
- Rollers spiral along the tube to straighten and strengthen the tube
- Create radius tube bends using the central hole

Sizes O.D.	Part No.
1/4"	JAV-TST14
3/8"	JAV-TST38
1/2"	JAV-TST12
5/8"	JAV-TST58
6mm	JAV-1035
10mm	JAV-1036



Eccentric flaring tool



KEY FEATURES

- Avoid leaks, make the perfect flare the easiest way with the Tube Positioning Plate – the plate ensures the tube is set at the correct position.
- Hard plastic carry case.



Sizes O.D.	Part No.
7 Sizes: 3/16" 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	JAV-1024
7 Sizes: 6, 8, 10, 12, 15, 16, 18mm	JAV-1185

Flare size gauge

KEY FEATURES

Designed to measure all flares to offer 100% seal tightness against all flare fittings, a must for every toolbox.

Description	Part No.
Flare size gauge	JAV-1022



2-in-1 flaring & swaging



KEY FEATURES

- An easy to use 2-in-1 one design that can be used to flare or swage. Perfect flaring and swaging, less to carry with extra room in the van for more tools!
- Diamond Flaring Cone deburrs and polishes during the flaring process creating an exceptional finished surface, meaning less time deburring
- Patented Diamond Flaring Cone has a unique 'square edge fitting' so when attached the cone is allowed to spin as you turn the handle. Creating a perfectly smooth finish
- Indexing Mechanism Provides accurate alignment when switching between different hole positions on the flaring bar.
- Tube Positioning Plate ensures the tube is set at the correct position for all sizes
- Hard plastic carry case



Sizes	Part No.
6 Sizes: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	JAV-1023
7 Sizes: 6, 8, 10, 12, 15, 16, 18mm	JAV-1184



Drill powered flaring tool






KEY FEATURES

- Dual clutch design. Clutch releases when the flare is complete to prevent over compression
- Drill powered or manual
- Lightweight aluminium body and superior steel core



Sizes	Part No.
7 Sizes: 3/16" 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	JAV-1034
7 Sizes: 6, 8, 10, 12, 15, 16, 18mm	JAV-1186



Tube positioning plate



Manual option

Tube cutters



KEY FEATURES

All our JAVAC EDGE tube cutters feature:

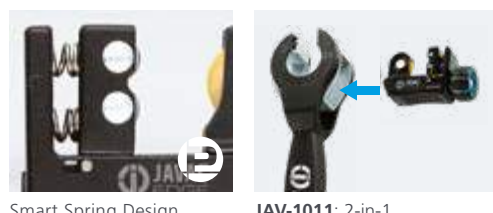
- Titanium plated blade
- Patented Smart Spring Design
- **Automatic Cutting.** The spring pressure advances the blade when cutting, so there is no need to re-tighten the cutter
- **Smooth cutting.** The blade will adjust to the shape of the tube, creating a smooth cutting motion



JAV-1014
Cuts stainless steel up to 3mm thick
Heavy duty with 6 ball bearing rollers

JAV-1011
Ratchet tube cutter set (includes JAV-1010 tube cutter)

Sizes	Tube Cutter	Replacement blades (pack of 2)
1/8 – 5/8"	JAV-1009	JAV-1008
1/8 – 7/8"	JAV-1010	
1/8 – 7/8",	JAV-1011	JAV-1001
1/8 – 1-1/4"	JAV-1012	
1/8 – 1-5/8"	JAV-1013	JAV-1005
1/4 – 1-1/4"	JAV-1014	JAV-1006
3/8 – 2-5-8"	JAV-1015	JAV-1003



Smart Spring Design

JAV-1011: 2-in-1



Replacement blades

Tube tools



KEY FEATURES

- Heavy duty expander with 6 interchangeable expander heads – 3/8 - 1 1/8
- Includes Inner / Outer Reamer
- Designed to expand tubing for fast accurate joints in soft copper, aluminium and soft steel
- Hard steel carry case



Description	Part No.
Tube tools	JAV-1000B

Expander heads



KEY FEATURES

- Free floating and self centering
- Fits with the JAVAC Tube Expander Set JAV-1000B



Sizes	Part No.	Sizes	Part No.
3/8"	JAV-1000-38	7/8"	JAV-1000-78
1/2"	JAV-1000-12	1 1/8"	JAV-1000-118
5/8"	JAV-1000-58	1 3/8"	JAV-1000-138
3/4"	JAV-1000-34	1 5/8"	JAV-1000-158

Deburring Tool



Description	Part No.
Deburring Tool	JAV-1087



Information correct at time of going to press.

3-in-1 Tube Benders



- To bend 1/4", 5/16", 3/8" O.D. tubing.

Size O.D.	Part No.
5/16" 90°	JTB-368
3/8" 180°	JTB-666



Tube benders



Size O.D.	Part No.	Sizes O.D.	Part No.
1/4"	JTB-364-04	1/2"	JTB-364-08
5/16"	JTB-364-05	5/8"	JTB-364-10
3/8"	JTB-364-06	3/4"	JTB-364-12



Crossbow bender



KEY FEATURES

- One handed operation to precisely bend soft drawn copper pipe
- Formers include 3/8, 1/2, 5/8, 3/4 7/8
- Quick release mechanism allows for an easy release of the copper tube to switch to the next bend
- Includes Inner / Outer Reamer and 1/4" - 1 1/8" tube cutter
- Hard plastic carry case

Description	Part No.
Crossbow bender	JAV-404-L



Information correct at time of going to press.

Spring type tube benders



Size O.D.	Part No.
1/4"	102-F-04
3/8"	102-F-06
1/2"	102-F-08
5/8"	102-F-10
3/4"	102-F-12

Tube cutters



KEY FEATURES

- Strong titanium blade
- Cuts soft and hard drawn copper easily
- Integrated copper tube reamer
- Robust solid steel construction and smooth turn bearing rollers
- Large easy turn hand wheel



JTC-16

JTC-30

Sizes	Part No.
1/8 – 5/8" Includes inbuilt de-burring tool and spare cutting wheel	JTC-16
1/8 – 1-1/8"	JTC-30
1/8 – 1-3/8"	JTC-35
1/8 – 1-5/8" Includes inbuilt de-burring tool and spare cutting wheel	JTC-42



JTC-35

JTC-42

Includes inbuilt de-burring tool and spare cutting wheel

Information correct at time of going to press.

Flaring & swaging kit



KEY FEATURES

- Forged high quality steel for use with copper tube
- Flaring & Swaging 1/8" – 3/4"
- Tool flaring adaptors and 3/16" – 3/4" swaging adaptors
- Hard plastic carry case

Description	Part No.
Flaring & swaging kit	JAV-275-K



Eccentric flaring tool



KEY FEATURES

- Ratchet type flaring tool with an eccentric flaring cone providing a smooth finish on all flares
- Highly recommended for joints on high pressure systems (R410A)
- Accurate Flaring
- 1/4" – 3/4" eccentric flaring kit
- Hard plastic carry case

Description	Part No.
Eccentric flaring tool	JAV-806B



Oxy-acetylene brazing & welding tool kit



KIT INCLUDES

Oxygen Regulator	x 1
Acetylene Regulator	x 1
Brazing Torch And Mixer	x 1
Pair of 5 m Hoses	x 1
Flip Up Brazing Goggles	x 1
Lightweight Nozzles (Assorted Sizes)	x 3
Pistol Grip Spark Lighter	x 1
Cylinder Spanner	x 1
Multi Head Spanner	x 1
Nozzle Cleaning Set	x 1
Pair Of Flashback Arrestors	x 1



Description	Part No.
Tool kit - FR	JAV-1091
Tool kit - DE	JAV-1092
Tool kit - ES	JAV-1093



Flexi torch

BRAZING & SOLDERING TORCH



KEY FEATURES

- Trigger start ignition
- Flexible 205mm stainless steel burner tube
- Access hard to reach places
- Tube stays cool throughout use
- Swirl flame
- For use with MAPP & Propane
- 800 – 1300°C



Description	Part No.
Flexi torch	JAV-1004

S2 Brazing rods

KEY FEATURES

- Premium grade S2 self-fluxing solder copper phosphorus alloy brazing rods
- Suitability copper-copper and high copper content alloys
- Melting range Solidus - 645°C, Liquidus - 850°C
- 1kg Pack. 500mm long
- Made in the UK



Description	Part No.
Brazing rods	JAV-S2

Bottle Trolley

Description	Part No.
Oxygen and Acetylene Bottle Trolley 5 & 10L	9431380



Fusion Dual

BRAZING AND SOLDERING TORCH



KEY FEATURES

- Stainless steel nozzle
- Manual ignition
- Double barrel
- Variable control swirl flame
- For use with MAPP & Propane Gas
- High temperature, faster brazing
- 360° Swivel Tip



Description	Part No.
Fusion Dual	FD2

Olympus

BRAZING AND SOLDERING TORCH



KEY FEATURES

- Stainless steel nozzle
- Auto ignition
- Variable flame control
- 360° swivel tip
- For use with MAPP and Propane gas



Description	Part No.
Olympus	OLY2

Information correct at time of going to press.

Heat Shield

HEAT BLOCKING COMPOUND



KEY FEATURES

A reusable putty designed to protect sensitive parts from heat damage during brazing, soldering and welding. No more need or messy wet rags!

- Apply, remove and reuse - up to 40 times!
- Handy colour changing putty shows you when you need to replace the pot



Description	Part No.
Heat Shield - EN	JAV-1002
Heat Shield - FR	JAV-1051
Heat Shield - DE	JAV-1050
Heat Shield - ES	JAV-1052

Sizes	92 x 67mm
Net Weight	325 g



Nitrogen Regulator

50 BAR (OFN)



KEY FEATURES

- 300 bar maximum inlet pressure
- 0 - 50 bar (0 - 750 psi) outlet pressure range.
- Suitable for testing systems using R410A and all standard refrigerants, in accordance with BS EN 378
- 1/4" SAE flare outlet connection to allow for rapid connection to industry standard hoses
- Large pressure adjustment knob to allow for easy pressure adjustment



JAV-1097



JAV-1096



JAV-1095

Description	Part No.
Nitrogen Regulator - FR	JAV-1095
Nitrogen Regulator - DE	JAV-1096
Nitrogen Regulator - ES	JAV-1097

Max. inlet pressure	300 bar
Outlet pressure range	0 - 50 bar (0 - 750 psi)
Connector type	1/4" outlet flare connection

Please note: this product is only suitable for the specified (French/German/Spanish) market. Product may differ from image shown.

Nitrogen Rig

PRESSURE TESTING



KEY FEATURES

- A complete testing rig specifically designed for high pressure testing in HVAC/R systems using R410A
- Designed for testing refrigeration systems that use R410A (in accordance with BS EN 378)
- 1/4" SAE flare outlet connection to allow for rapid connection to industry standard hoses
- Safety relief valve to prevent regulator over-pressurisation
- Robust rig that is ideally suited to the rigours of daily use



Description	Part No.
Nitrogen Rig - FR	JAV-1099
Nitrogen Rig - DE	JAV-1100
Nitrogen Rig - ES	JAV-1101

Max. inlet pressure	300 bar
Outlet pressure range	0 - 50 bar (0 - 750 psi)
Connector type	1/4" outlet flare connection

Please note: this product is only suitable for the specified (French/German/Spanish) market. Product may differ from image shown.



PVR Nitrogen Pressure

AND VACUUM MANIFOLD SET



KEY FEATURES

- 2-in-1 Nitrogen pressure and vacuum testing manifold
- The PVR is designed for use with oxygen free nitrogen (OFN) only
- Separate valves for pressure and vacuum testing procedures
- The PVR speeds up the process of pressure and vacuum testing
- Designed to handle high pressures involved in pressure testing R410A systems
- Both gauges on the PVR are equipped with a set point indicator to monitor for pressure or vacuum losses
- The PVR has a built in vent valve for safe de-pressurisation of systems
- A 3/8" vacuum hose adaptor is included for larger systems
- DO NOT use for refrigerant charging

KIT INCLUDES

PVR Manifold	x 1
Stainless Steel braided, 1/4" connection hoses	x 2
72" Yellow vacuum hose	x 1
1/4" x 5/16" adaptor to suit R410A systems	x 1
1/4" x 3/8" vacuum hose adaptor	x 1
Manifold hook for easy use	x 1
Instruction Manual	x 1
Hard plastic carry case	x 1

Description	Part No.
PVR nitrogen pressure	PVR SET

Nitrogen cylinder trolley

KEY FEATURES

- Heavy duty cylinder trolley for the safe transportation of 10 L Nitrogen cylinder.
- Solid rubber wheels
- Security chain

Description	Part No.
Nitrogen cylinder trolley*	NIT02

*Gas bottle not included



Digital Thermometer



KEY FEATURES

- Max/min memory
- Stainless Steel probe 5" with 1m cable
- Hold and alarm functions
- Hand size, with detachable probe
- Batteries included



Description	Part No.
Digital Thermometer	RT-905

Part No.	RT-905
Units	°C, °F
Temperature range	-50 ~ 200°C / -58 ~ 392°F
Power	x1 AAA (included)
Probe size	230mm
Dimensions	118mm

Ball valves & adaptors



Description	Part No.
Ball Valve R410A 5/16", 1/4 turn	EL33023
Set of 3 Ball Valves (RBY) 1/4" SAE	EL33021
Adaptor 5/16 to 1/4 for R410A	EL30036
10KG Cylinder Adaptor L/H R32	JAV-CA04218



EL30036



JAV-CA04218



EL33021



EL33023

Valve core remover / installer



KEY FEATURES

- 1/4" & 5/16" SAE valve core remover / installer
- Vacuum connection port and isolation valve
- Hard plastic case



Description	Part No.
Valve core remover / installer	EL41550

Access valves & core tools



Description	Part No.
Valve Core Removal Tool	S-209
Schrader Valve 1/4"	SU-04
Schrader Valve 5/16" – R410A	SU-05



S-209



SU-04



SU-05

Information correct at time of going to press.

Charging oil pump



KEY FEATURES

- The pump fits any size oil drum, bottle or container
- Charge oil directly into the system with no need to shut it down
- Pump against small positive pressure
- Pumps 1L in 20 full strokes of pump (approx)
- Can be used with alkyl benzene, ester based, polyol ester, mineral and synthetic oils

Description	Part No.
Charging oil pump	JAV-1042

Torque wrench kit



KEY FEATURES

- Torque 10-75 Nm.
- 7 Heads – 17, 19, 22, 24, 26, 27, 29mm
- Hard plastic carry case



Description	Part No.
Torque wrench kit	JAV-TW8

Ratchet wrenches



JAV-127-CO



JAV-127-C

Description	Part No.
Offset ratchet wrench 1/4, 3/8, 5/16, 3/16"	JAV-127-CO
Ratchet wrench 1/4, 3/8, 5/16, 3/16"	JAV-127-C

Inspection mirror



KEY FEATURES

- 2" (50mm) diameter mirror
- Mirror can be angled
- Telescopic action handle for those hard to reach places



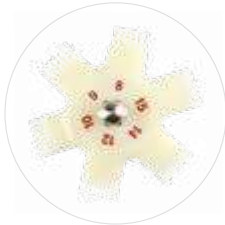
Description	Part No.
Inspection mirror	M-2

Fin comb



KEY FEATURES

- Fin Comb fits all sizes
8, 10, 12, 14 and 15 FPI



Description	Part No.
Fin comb	EL70925

JAVAC - exclusive distributors of Veto Pro Pac® to HVAC/R market

Maximised tool storage capacity

Including tablet pockets and over 50 interior/exterior pockets, you will never be short on space.

The toughest tool bag you'll ever own

Double stitched, heavy duty plastic coil zips with oversized zip tabs. Industrial strength double nylon stitching. D-Rings: Powder coated steel. Press studs: Zinc, marine grade. Rivets: Gun metal/marine grade rivets.

Rugged materials & construction

Waterproof base: 3mm Injection moulded Polypropylene 1800 – 1250 PVC. Weatherproof fabric: 950 and 1250 PVC Impregnated denier fabric. Handle: Injection moulded nylon plastic with over-moulded rubber grip.

Packed with extra features

Internally stored aluminium hook to hang bag. Adjustable padded shoulder straps.

Padded EVA thermoformed, ergonomic back padding. Easy access to rear storage bay and creates positive shoulder strap load connection.

5 year warranty

Premium quality tool bags designed for the HVAC professional. All Veto Pro Pac® Tool bags carry a zero downtime warranty.*

All features vary from model to model. Please see tech sheet. *Terms and conditions apply.

Designed for the HVAC/R technicians' tools and their working environment



Tool bags

VETO PRO PAC®



KEY FEATURES

- Designed for the HVAC/R technicians' tools and working environment. The toughest tool bag you'll ever own
- Heavy duty fastenings and zips
- Hinged ergonomic handles
- Maximised tool storage capacity
- Waterproof base (3mm polypropylene)
- Weatherproof body fabric (1800 PVC impregnated denier fabric)
- Gun metal / marine grade rivets
- 5 year zero downtime warranty*



AX3501 TECH PAC



AX3501 TECH PAC

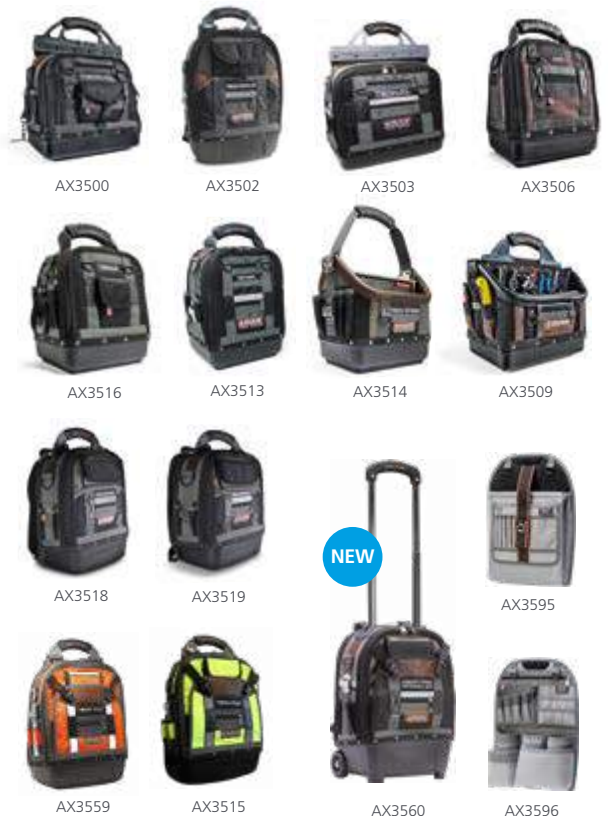


AX3502 TECH PAC LT



AX3518 TECH MCT

Part No.	Description	Width x depth x height (handle down) mm	Weight kg	Pockets
AX3500	Tech LC	241 x 342 x 483 (330)	3,2	53
AX3501	Tech Pac	251 x 362 x 546 (457)	4	56
AX3515	Tech Pac Hi Viz	251 x 362 x 546 (457)	4	56
AX3502	Tech Pac LT	216 x 356 x 483	3,3	27
AX3503	Tech XL	241 x 419 x 527	4,2	80
AX3506	MC	203 x 254 x 317,5	1,8	20
AX3516	Tech MC	203 x 254 x 317,5	1,8	27
AX3513	Tech-MCT	210 x 254 x 360	2,6	44
AX3514	Tech OT-MC	254 x 292 x 203	-	28
AX3509	OT-LC	241 x 343 x 305	3,5	36
AX3518	Tech Pac MC	203 x 330 x 432	3,1	20
AX3519	Tech Pac MC-LT	203 x 330 x 432	3,1	33
AX3559	Tech Pac Hi-Viz	251 x 362 x 546	4	56
AX3560	Tech Pac Wheeler	360 x 280 x 610	7	48
AX3595	Tech Pac Wheeler Laptop Panel	350 x 50 x 460	0,5	8
AX3596	Tech Pac Wheeler Bulk Storage Panel	350 x 50 x 460	0,5	1



Tool pouches

VETO PRO PAC®



KEY FEATURES

- Small yet spacious, these clip-on bags are designed to hold a small selection of meters, analysers and repair tools
- Organise multiple job specific bags
- Heavy duty fastenings and clips
- Detachable rubber handles
- Nylon plastic connection clips
- Clips onto any model Veto tool bag's tape clip or D-Rings
- Weatherproof body fabric (600-1200 PVC impregnated denier fabric)
- 5 year zero downtime warranty*



AX3517 TP3B



AX3517 TP3B



AX307 MB Meter Tool Pouch

Part No.	Description	Width x depth x height mm	Weight kg	Pockets
AX3504	TP3	121 x 140 x 241	3,2	19
AX3517	TP3B	114,3 x 177,8 x 279,4	0,69	15
AX3505	TP4	177 x 120 x 240	0,72	20
AX3507	MB Meter Tool Pouch	76 x 203 x 229	0,9	10
AX3508	MB2 Meter Tool Pouch	76 x 203 x 330	0,9	10
AX3521	MB3B	370 x 280 x 160	2.15	11
AX3522	TP-XL	400 x 330 x 150	2.1	31
AX3576	TP5B	127 x 330 x 292	1.13	17



AX3521

AX3522

AX3576

AX3504

AX3517

AX3505

AX3507

AX3508

Information correct at time of going to press. *Terms and conditions apply.



The brands

Professional, recognisable and eye catching.

The JAVAC brand represents a mark of quality. Branded instore tool displays make a go to point for all your quality tools. Whilst clear and helpful packaging helps you buy with confidence and make that informed choice.

JAVAC – a brand you can trust.



Trustworthy and built to last – JAVAC is our company main brand and core range of quality precision HVAC/R tools.



Packed with extra features – these products are designed to make the job that little bit easier, giving you the ‘Edge’.





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.

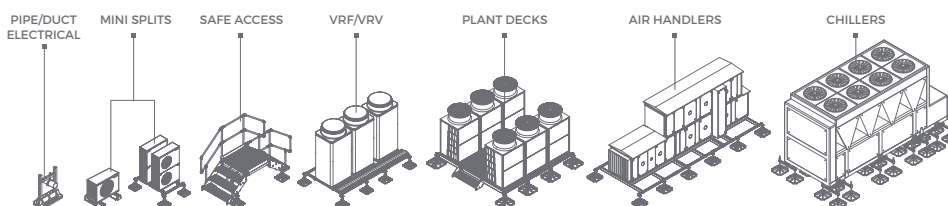
Big Foot Systems sets the standard on any installation, meeting the needs of architects, consultants, engineers and contractors.

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



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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.

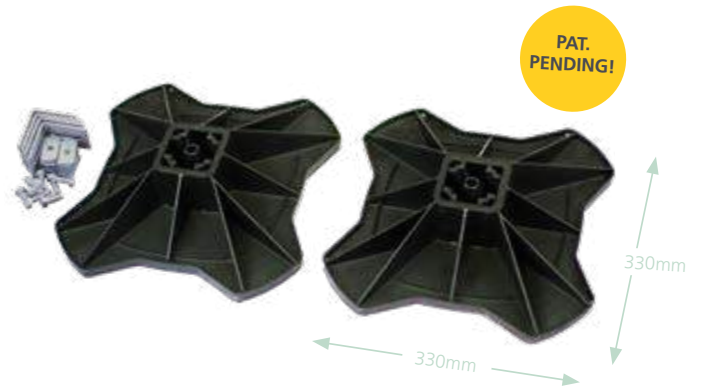
		 H Tech Set 330mm	 H Frame Set 450mm & 600mm	 Multi Foot	 Fix-it Foot
ELECTRICAL	Cable Basket				✓
	Small Cable Tray	✓		✓	✓
	Larger Cable Tray	✓	✓	✓	✓
	Cable Ladder		✓		
	*Bus bars		✓		
DUCT	Small Duct	✓		✓	
	*Larger Duct	✓	✓		
	*Attenuators (Silencers)		✓		
PIPE	Small F&R Pipe			✓	✓
	Medium F&R Pipe	✓		✓	
	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, box section 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 × 41mm, 40 × 38mm, 41 × 41mm strut* and 40 × 40mm box section steel.
- 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

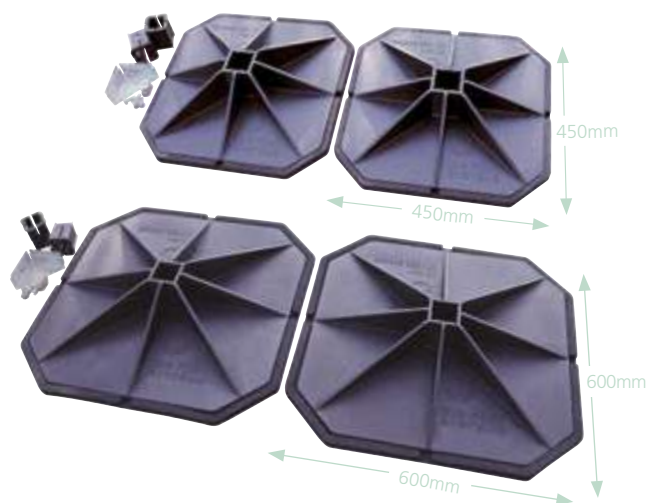


Description	Part no.	Foot Size (mm)	Weight (Kg)	Max. Load (Kg)
330mm Set	B6088/B	330	2.63	300
Single Foot	B6997/B	330	0.86	150
Angled Base (2.5°)	B6098	330	0.5	150



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



*Please note: Strut, channel & rod is not included, and is shown as an example



Description	Part no.	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)	Max. Load (Kg)
400mm - 4 Pack	B9640	400	180	80	6	259
600mm - 3 Pack	B9655	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.

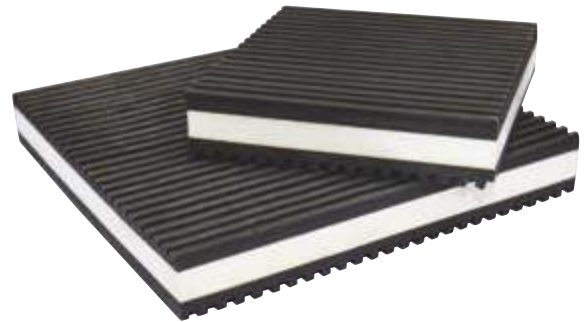
KEY FEATURES

- 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	B6735	250	180	95	2.4	82
400	B6736	400	180	95	3.5	128
600	B6737	600	180	95	5.8	224
1000	B9096	1000	180	95	9.9	295
250 Low	B9043	250	130	50	1.3	82
400 Low	B9045	400	130	50	2.1	128
500 Low	B9368	500	130	50	2.5	134
600 High Bloc	B6974	600	180	120	10.2	224
1000 High Bloc	B6973	1000	180	120	17.7	295

AV Pads



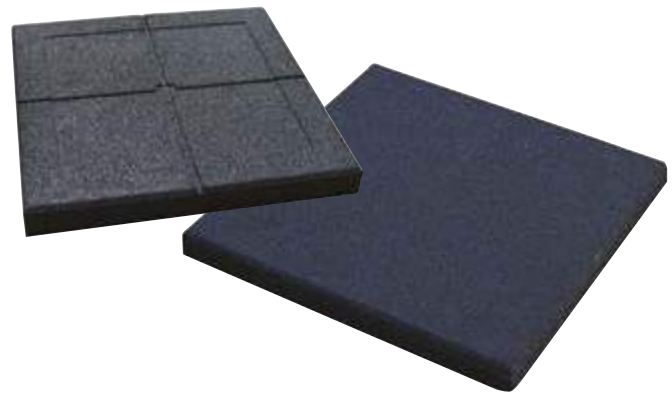
AV Pads come in a range of sizes and offer isolation against vibration between the unit and the Big Foot Frame.

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	B6909	51	51	22.2
76mm	B6910	76	76	22.2
101mm	B6911	101	101	22.2
152mm	B6912	152	152	22.2
305mm	B6913	305	305	22.2
457mm	B6914	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

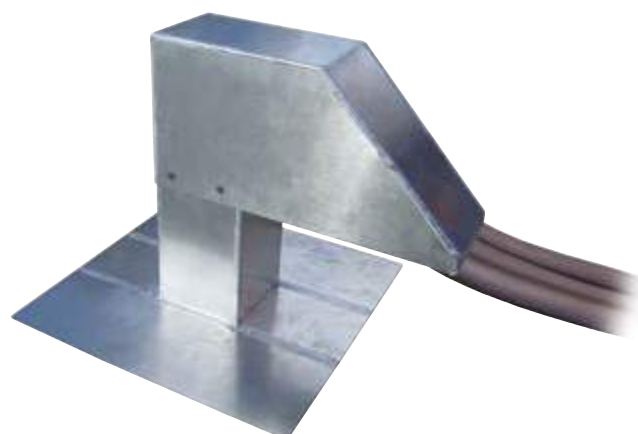
- Ideal for walkways and to protect roof surfaces.
- Durable recycled rubber reduces vibration.
- 5 options available*.

Description	Part no.	Length (mm)	Width (mm)	Height (mm)
Small Strip*	B6491	600	150	30
Large Strip*	B6282	1000	500	30
Plain Tile 400	B9641	400	400	45
Plain Tile 500	B6416	500	500	45
Plain Strip	B6024	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	B9154	75 x 75	1	484
Square Medium	B9148	125 x 125	1	484
Square Large	B9149	200 x 200	1	484
Oblong Small	B9150	125 x 250	1	484
Oblong Double	B9152	125 x 250	2	484
Oblong Large	B9151	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 pages 190-201 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 carcass 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	B9284	600	180	95	11	448
1000mm	B9530	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	B5550	475	419 - 619	305	20	175
High	B5551	475	419 - 619	450	22	175
Tower	B5552	475	419 - 619	305 & 1000	35	300
Low Extender	B5553	950	419 - 619	305	18	175
High Extender	B5554	950	419 - 619	450	19	175
Riser (4 Pack)	B5555	-	-	152	1.5	-
Riser (2 Pack)	B5562	-	-	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	B5556	990	620 - 780	305	35	600
1290 Frame	B5557	1290	620 - 780	305	38	500
1450 Frame	B5558	1450	620 - 780	305	41	400
990 Extender	B5559	990	620 - 780	305	25	600
1290 Extender	B5560	1290	620 - 780	305	28	500
1450 Extender	B5561	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

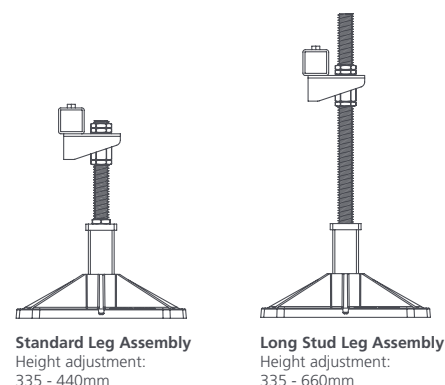
Multi Frame	Frame	Ext.
305mm foot & adhered mat	× 4	× 2
1m End bar	× 2	× 2
1.2m Cross bar	× 2	× 2
Unit clamp kit (4 pack)	× 2	× 2
Connector	-	× 2

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	B9720	1000	1200	335 - 440	36	500
Extension Kit	B9721	1000	1200	335 - 440	26	500
Multi Frame Long Stud	B9720/1	1000	1200	335 - 660	40	500
Extension Kit Long Stud	B9721/1	1000	1200	335 - 660	28	500
Multi Frame XL	B9731	1500	1200	335 - 440	43	500
Extension XL Kit	B9732	1500	1200	335 - 440	33	500
Multi Frame XL Long Stud	B9731/1	1500	1200	335 - 660	45	500
Extension XL Kit Long Stud	B9732/1	1500	1200	335 - 660	35	500





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	B6075	1000	1200	290 - 400	39	500
2m x 1.2m	B6077	2000	1200	290 - 400	67	1000
3m x 1.2m	B6078	3000	1200	290 - 400	97	1500
1m x 1.5m	B9442	1000	1500	290 - 400	42	400
2m x 1.5m	B9443	2000	1500	290 - 400	72	800
3m x 1.5m	B9444	3000	1500	290 - 400	103	1200



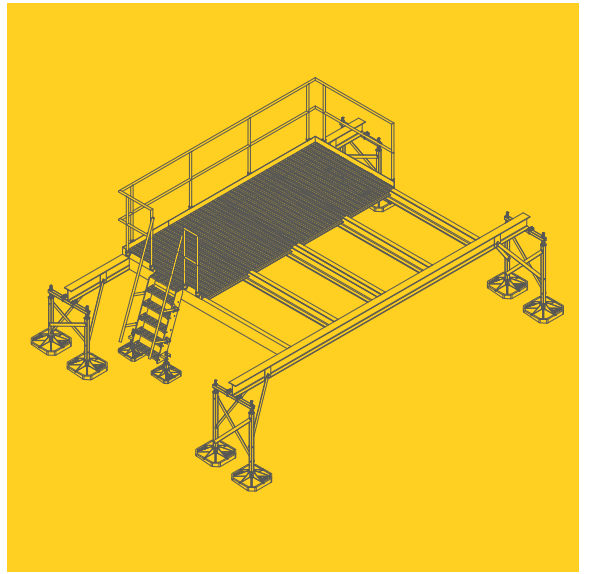


Technical Project Team

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.

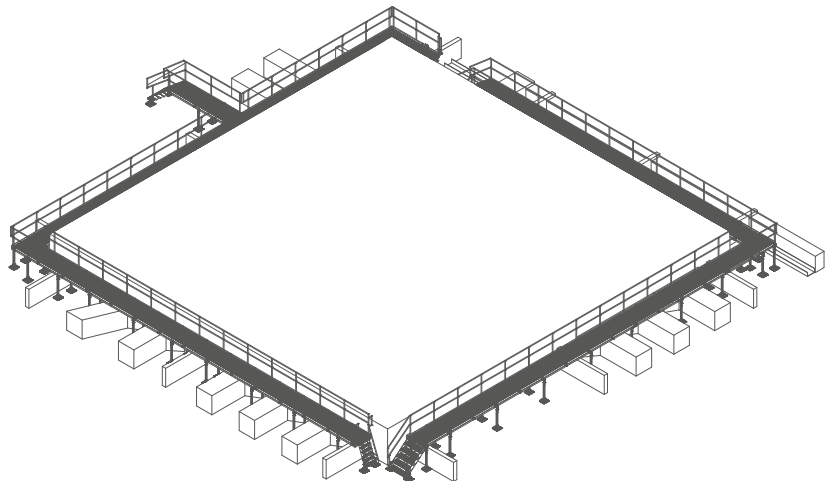
Today Big Foot Systems are the industry leaders in rooftop load management, designing and manufacturing the widest product range of support solutions. The brands non-penetrative products and systems are quick and easy to install ensuring project cost and time clarity, therefore reducing the need for 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 *Wates*
ROOF FINISH *Rockwool Insulation & Liquid Membrane*
SUPPORTED *Safe Access*
BFS PRODUCT *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.

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

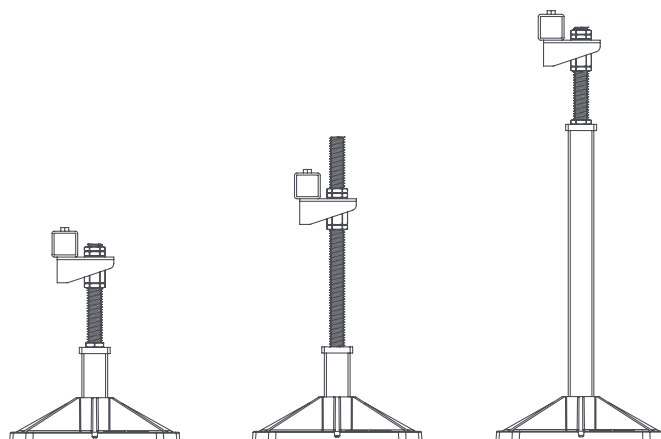
LEG ASSEMBLY OPTIONS	
Description	Height adjustment (mm)
Standard Leg Assembly	290 - 400
Long Stud Leg Assembly	290 - 610
Long Box Leg Assembly	730 - 825



HD Clamp



HD Mounting Plate



Standard Leg Assembly

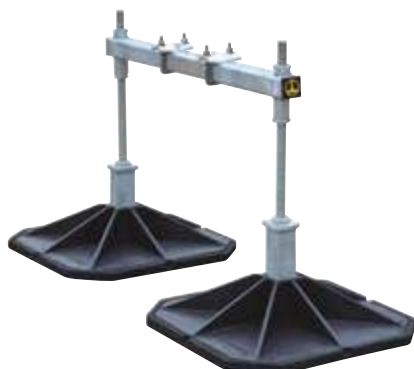
Long Stud Leg Assembly

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.

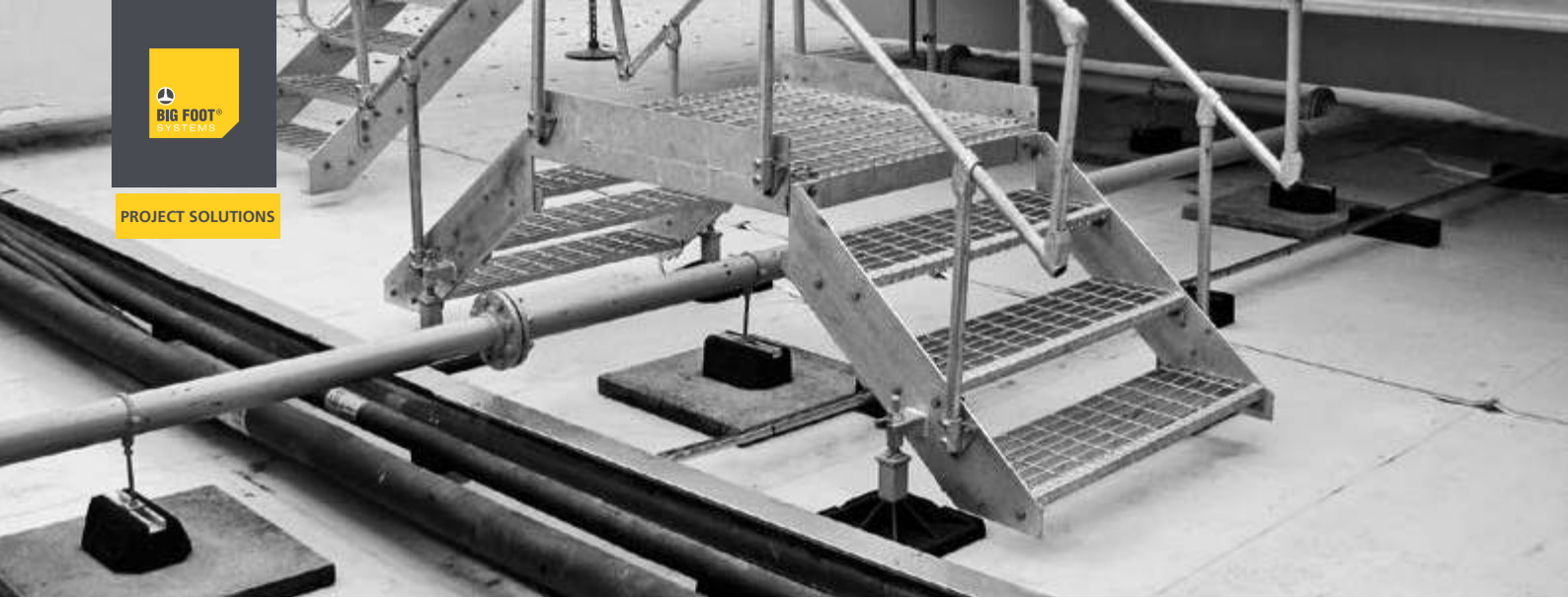


Point Load Support

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 gridded GRP top is non-slip in any weather and supported by our tried and tested Fix-it Foot.

KEY FEATURES

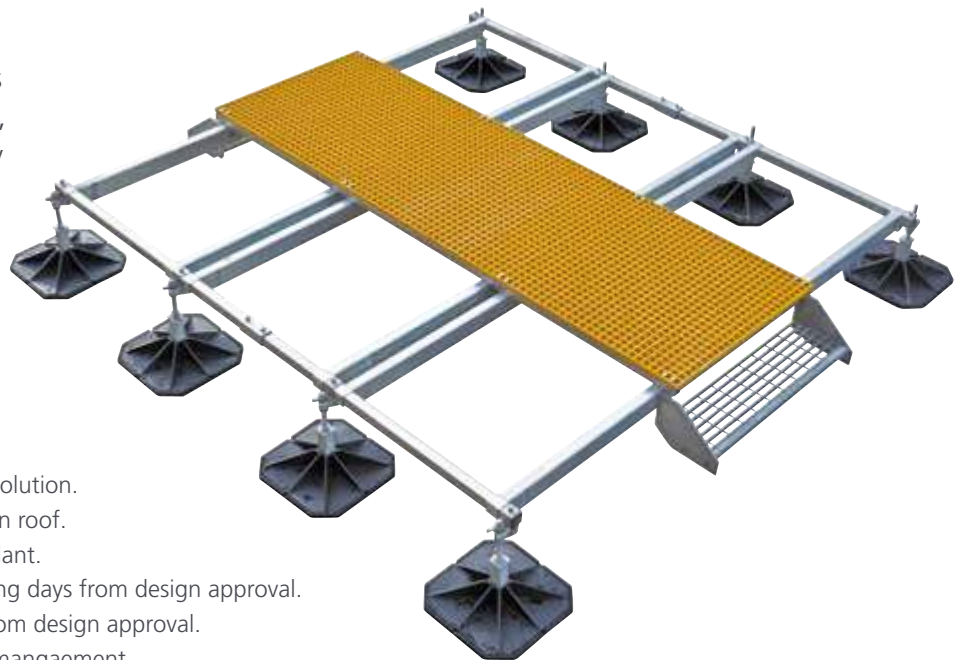
- Easy fixing system for fast site installation.
- Flexible solution with 3 length options available from stock.
- Supported on Fix-it Foot for tried and tested stability and reduced vibration.
- Safe non-slip GRP walkway.
- Flat packed for ease of handling.





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



aspenspumps.com

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