



# Pump House

## Boiler, Heating and Renewables Products Guide



Easy-Fit



Fixings



Flexi



Install +



Partners



PH Family



PH Motors



Portable



Service +



Squeezy

all under one roof...

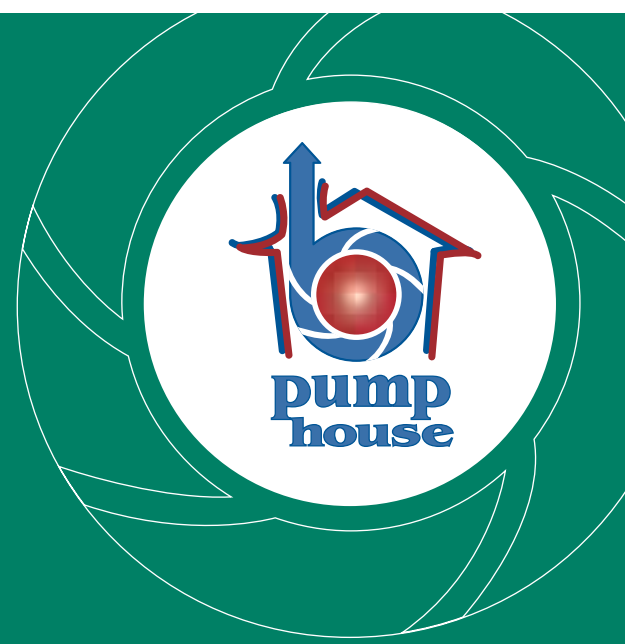
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# Welcome

It gives me great pleasure to present the fourth edition of our new look **Boiler, Heating & Renewables Product Guide**

“ With our latest catalogue we are pleased to introduce our team who you will find featured throughout the following pages



**Dave Bass**  
Managing  
Director

The Pump House family of **boiler condensate pumps** and associated accessories continues to expand, offering a complete solution for boiler condensate removal. Our comprehensive range of accessories for heat pump installations now include **isolators, cable tray, strut, plastic fittings and fused spurs.**

We continue to strive to offer you a single source for all of your boiler condensate and air source heat pump accessories, along with associated training and advice, our Boiler Condensate Information Guide is available free of charge.

Many thanks from all of us at Pump House!

*Dave Bass*



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# Boiler Condensate Removal – Pump Selection Chart



## Boiler Condensate Pumps

Part Code		Max Head	Max Flow	Description/Application	Page
VCMA-20STA		4.3m	294 LPH	2 litre Boiler Condensate Pump suitable for boilers up to 200kW	Page 7
VCMX-20STA		4.8m	284 LPH	1.9 litre Boiler Condensate Pump suitable for boilers up to 100kW	Page 8
'James' PH-0.8L-HL		6m	270 LPH	'James' a 0.8 litre compact Boiler Condensate Pump suitable for boilers up to 100kW	Page 9
'Charles' PH-0.8LC		3m	150 LPH	'Charles' a 0.8 litre wall mounted Boiler Condensate Pump with cover suitable for boilers up to 70kW	Page 10



## High Temperature Pressure Relief Pumps

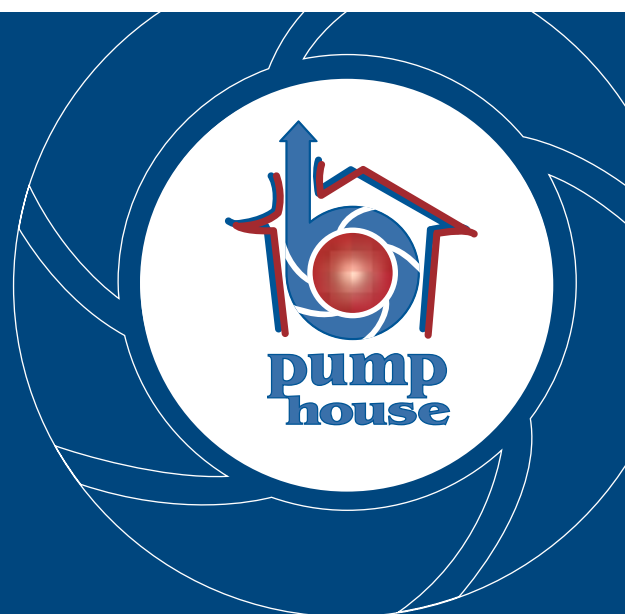
Part Code		Max Head	Max Flow	Description/Application	Page
'Edwin' PH-3.8L-HW		8m	312 LPH	'Edwin' a 3.8 litre PRV and Boiler Condensate Pump. Suitable for boilers up to 42kW (Condensate & PRV) and up to 600kW (Condensate Only)	Page 11
'Granville' PH-5L-HW		8m	1920 LPH	'Granville' a 5 litre High Temperature and PRV Pump. Suitable for unvented cylinder T&P discharge and steam humidifiers	Page 12

## Neutralisers

Part Code		Max Head	Max Flow	Description/Application	Page
BCONDNEUT-20L		N/A	N/A	A 20 litre stainless steel neutraliser which can handle condensate from boilers up to 600kW. Suitable for 2.8pH Boiler Condensate	Page 13
BCONDNEUT-30L		5.9m	900 LPH	A 30 litre stainless steel neutraliser which can handle condensate from boilers up to 600kW. This version comes with a built in pump and is suitable for 2.8pH Boiler Condensate	Page 13

## Basement Sump / Swimming Pool Cover Pump

Part Code		Max Head	Max Flow	Description/Application	Page
6E-CIA-SFS		6.7m	190 LPM	Basement Sump Pump - used to assist with the extraction of flood water in basements and water below floor level.	Page 14
APCP-1700		6.55m	6435 LPH	Swimming Pool Cover Pump - used to remove the build up of water sitting on a pool cover surface.	Page 15



# Boiler Condensate Solutions and Accessories

## Meet the Team...



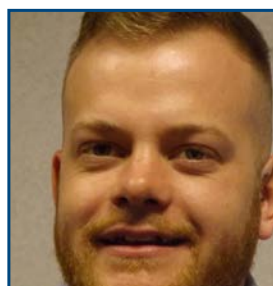
**Jill Cureton**  
Area Sales  
Manager



**Craig Peebles**  
Sales Director



**June Richardson**  
Sales & Marketing  
Manager



**Tom Hill**  
Area Sales  
Manager



**John Dore**  
Sales  
Representative

### Section 1

VCMA-20STA - 2 Litre Boiler Condensate Pump	07
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# NEW & EXCLUSIVE

## 6E-CIA-SFS LittleGIANT®



Partners

### Submersible Drainage Basement Pump

Page 14

Little Giant have the perfect pump solution for the removal of clean, non-aggressive residual water. This pump can be used to assist with the extraction of flood water in properties with basements and can be used with a sump to provide the removal of water below floor level.



## APCP-1700 LittleGIANT®



Partners

### Swimming Pool Cover Pump

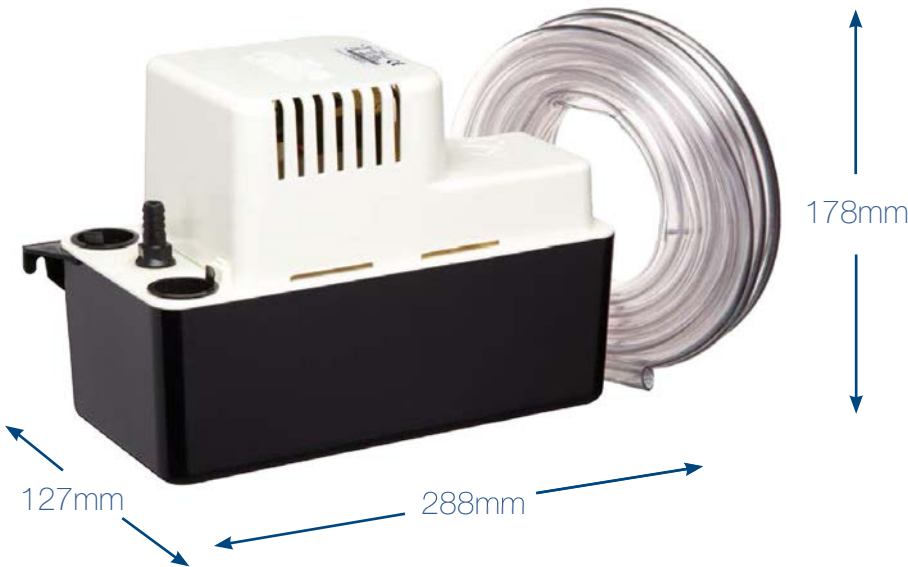
Page 15



### Multi Purpose Automatic Swimming Pool Cover Pump

This unique pump is designed to sit on external swimming pool covers to remove any build up of water which could submerge the cover. The pump has an inbuilt float which detects when the pump is sitting in water and removes it from the pool cover surface.





# VCMA-20STA

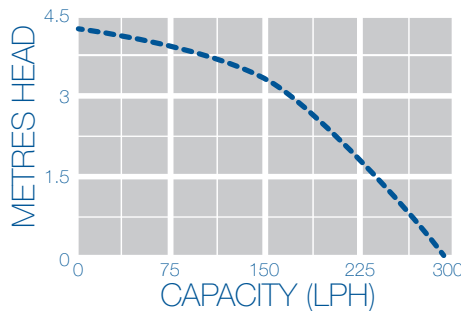


2 Litre  
Boiler Pump

This 2 litre tank pump has one of the largest drink cycles on the market, pumping 750ml of condensate each time it is switched on. This volume helps reduce on/off cycling and can reduce the risk of external pipework freezing. In typical operation this pump only switches on for between 20 and 40 seconds and runs for around 3 to 4 hours per year. Suitable for boilers upto 200kW.

## Features

- 750ml drink cycle at 6.1psi
- Typically 30 seconds run time 4-5 times per day
- Outlet 9.5mm (3/8")
- Suitable for 2.8pH boiler condensate
- 6 metres of 9.5mm (3/8") ID flexible hose
- High-level safety switch
- Suitable for boilers up to 200kW
- One year warranty



**Max Flow**  
294 LPH



**Tank Cap.**  
1.9 litres



**Decibel Rating**  
58 dB(A)

## The Package

- 2 Litre Tank Pump
- 9.5mm(3/8") Check Valve
- 6m of 9.5mm (3/8") Hose
- 22mm adaptor • Hose Clip

## Related Products

<b>Non-Return Valve</b>	PAGE 18
<b>Braided Hose</b>	PAGE 18
<b>S&amp;V Adaptor</b>	PAGE 18
<b>PVC Coated Insulation</b>	PAGE 42

Part Code	Max. Lift	Discharge Size	PSI	Watts	IP	Amps	Volts	Hz
VCMA-20STA	4.3m	9.5mm (3/8")	6.1	60 W	20	0.6 A	240 V	50 Hz
High Level Alarm	Inlet Height	Weight	Cable Length	Drink Cycle	On Level	Off Level	Reserve Before Overflow	Alarm Level
Volt Free	92mm	2.4kg	1.8m	750ml	61mm	32mm	640ml	71mm



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## VCMX-20STA



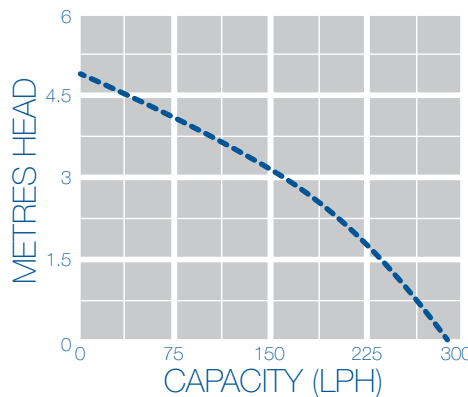
2 Litre  
Boiler Pump

### No pump is easier to install or service...

The Little Giant VCMX pump has been designed by Engineers to improve installation and servicing. This pump incorporates a quick release non return valve and an easy mount steel wall bracket. The rubber feet reduce noise transmission when the pump is floor mounted. Suitable for boilers up to 100kW.

#### Features

- 350ml drink cycle
- Max flow 284 LPH
- Max head 4.8metres
- Outlet 9.5mm (3/8")
- Suitable for 2.8pH boiler condensate
- 6 metres of 9.5mm (3/8") ID flexible drain hose
- Quick release quarter turn non return valve
- Two year warranty



Max. Flow	Tank Cap.	Decibel Rating
284 LPH	1.9 litres	58 dB(A)

#### The Package

- 2 Litre Tank Pump
- 4 x Rubber Feet
- Wall Mounting Bracket
- 3/8" Twist Lock Check Valve
- 6m of 9.5mm (3/8") hose
- 22mm adaptor
- Hose Clip

#### Related Products

Non-Return Valve	PAGE 18
Braided Hose	PAGE 18
S&V Adaptor	PAGE 18
PVC Coated Insulation	PAGE 42

Part Code	Max. Lift	Discharge Size	PSI	Watts	IP	Amps	Volts	Hz
VCMX-20STA	4.8m	9.5mm (3/8")	6.8	75 W	20	0.6 A	230 V	50 / 60 Hz
High Level Alarm	Inlet Height	Weight	Cable Length	Drink Cycle	On Level	Off Level	Reserve Before Overflow	Alarm Level
Volt Free	86mm	1.9kg	1.8 metres	350ml	42mm	27.5mm	460ml	58.5mm





# PH-0.8L-HL



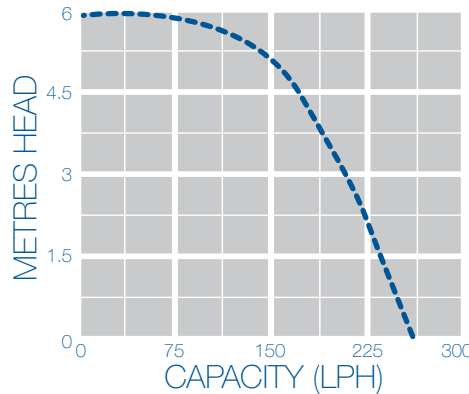
0.8 Litre  
Boiler Pump

## Pump House presents 'James'

When space and lift are a challenge, 'James' our shallow tank pump enables installation in compact areas such as below kitchen units. The 6 metre discharge lift helps with the flexibility of the installation. Suitable for both floor and wall mounting and comes with a quick release check valve. Suitable for boilers up to 100kW.

### Features

- High discharge head of 6 metres
- Quiet operation
- 300ml drink cycle
- Quality design and engineered product
- 6 metres of 9.5mm (3/8") ID flexible drain hose
- Quick release quarter turn non return valve
- One year warranty



<b>Max. Flow</b>	<b>Tank Cap.</b>	<b>Decibel Rating</b>
270 LPH	0.8 litre	43 dB(A)

### The Package

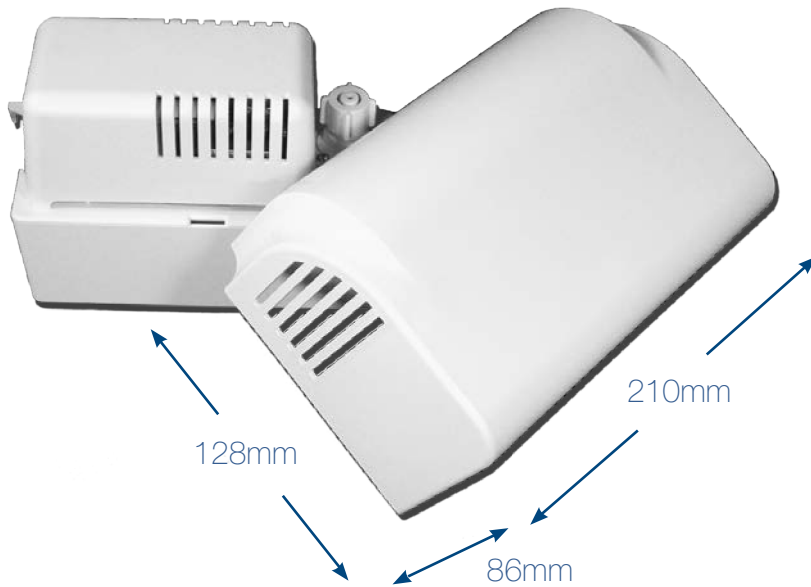
- 1 Litre Tank Pump
- 6m of 9.5mm (3/8") hose
- Quick release 1/4 turn check valve
- 22mm adaptor • Hose Clip

### Related Products

<b>Braided Hose</b>	PAGE 18
<b>S&amp;V Adaptors</b>	PAGE 18
<b>Non-Return Valve</b>	PAGE 18
<b>PVC Coated Insulation</b>	PAGE 42

Part Code	Max. Lift	Discharge Size	PSI	Watts	IP	Amps	Volts	Hz
PH-0.8L-HL	6m	9.5mm (3/8")	8.5	75 W	20	0.64 A	240 V	50 Hz
High Level Alarm	Inlet Height	Weight	Cable Length	Drink Cycle	On Level	Off Level	Reserve Before Overflow	Alarm Level
Volt Free	45mm	1.9kg	1.8m	300ml	25.5mm	13.5mm	175ml	29mm





## PH-0.8LC



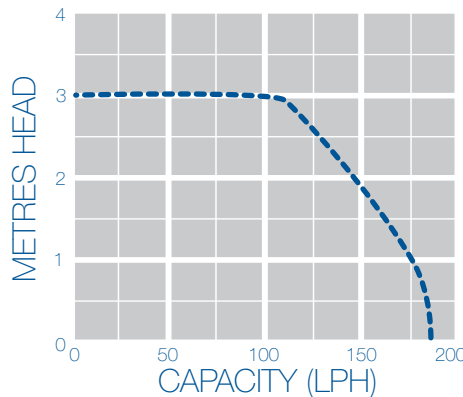
0.8 Litre  
Boiler Pump  
with Cover

### Pump House presents 'Charles'

One of the quietest and smallest boiler condensate removal pumps, supplied with a convenient cover to provide a professional finish for installations directly below the boiler. All pipe work and wiring can be routed behind the boiler for a neat installation when space is a challenge. Suitable for boilers up to 70kW.

#### Features

- Suitable for 2.8pH boiler condensate
- High-level safety switch
- 6 metres of 9.5mm (3/8") ID hose
- Adaptor for 22mm diameter waste pipes
- Max flow 150 LPH / Max head 3m
- Quiet decibel rating 38 dB(A)
- Quick release quarter turn non-return valve



<b>Max. Flow</b>	<b>Tank Cap.</b>	<b>Decibel Rating</b>
150 LPH	0.8 litre	38 dB(A)

#### The Package

- 1 Litre Tank Pump
- 6m of 9.5mm (3/8") hose
- Quick release 1/4 turn check valve
- 22mm adaptor • Hose Clip

#### Related Products

<b>Braided Hose</b>	PAGE 18
<b>S&amp;V Adaptor</b>	PAGE 18
<b>Non-Return Valve</b>	PAGE 18
<b>PVC Coated Insulation</b>	PAGE 42

Part Code	Max. Lift	Discharge Size	PSI	Watts	IP	Amps	Volts	Hz
PH-0.8LC	3m	9.5mm (3/8")	4.3	71 W	20	1.12A	240 V	50 Hz
High Level Alarm	Inlet Height	Weight	Cable Length	Drink Cycle	On Level	Off Level	Reserve Before Overflow	Alarm Level
Volt Free	65mm	1.7kg	1.8 m	0.2 litres	60mm	12mm	0.25 litres	65mm



## PH-3.8L-HW

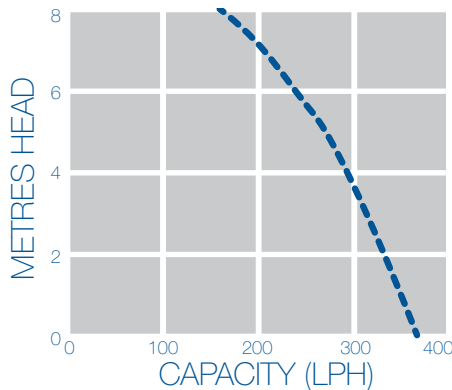


### Pressure Relief & Boiler Condensate Pump

We understand the working of boilers and have first hand experience of boiler PRV discharge. This can be over 100 degrees when both pressure and temperature in the boiler are released (EN15502-1 defines a max. of 110°C). Our 3.8L pump has been designed to handle standard condensate and to instantly reduce the temperature of any PRV discharge. The pump is manufactured from high temperature plastic and higher specification hose. The pump has an extra large drink cycle of 1.5 litres Suitable for boiler condensate and PRV discharge for boilers upto 42kw and boiler condensate only for boilers up to 600kW.

### Features

- Suitable for 2.8pH boiler condensate
- Supplied with 10 metres of 9.5mm (3/8") ID flexible drain hose
- High-level safety switch
- Max. flow 312 LPH
- Max. head 8m
- Discharge volume 1.5 litres



Max. Flow	Tank Cap.
312 LPH	3.8 litres



### The Package

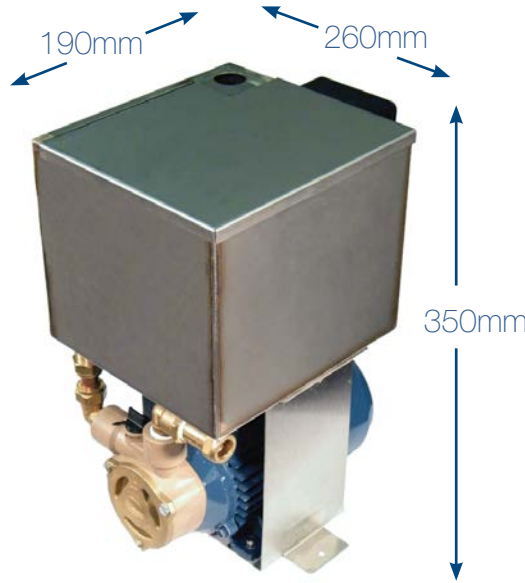
- 3.8 Litre Tank Pump
- 10 metre 9.5mm (3/8") drain hose
- Hose Clip
- 22mm adaptor
- Quick release check valve

### Related Products

<b>Non-Return Valve</b>	PAGE 18
<b>Braided Hose</b>	PAGE 18
<b>S&amp;V Adaptor</b>	PAGE 18
<b>PVC Coated Insulation</b>	PAGE 42

Part Code	Max. Lift	Discharge Size	PSI	Watts	Temperature	Amps	Volts	Hz
PH-3.8L-HW	8m	9.5mm (3/8")	11.4	150 W	100°C	0.75A	240 V	50 Hz
High Level Alarm	Inlet Height	Weight	Cable Length	Drink Cycle	On Level	Off Level	Reserve Before Overflow	Alarm Level
Volt Free	120mm	3.1kg	1.8 m	1.5 litres	57mm	19mm	0.7 litres	105mm





## PH-5L-HW



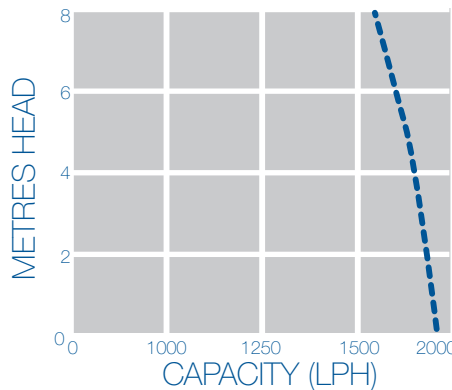
## High Temperature & Pressure Relief Pump

### 'Granville' The heavy duty giant!

Manufactured in the UK this heavy duty, high temperature tank pump incorporates thermal overload protection and high level alarm switch. Ideal unvented cylinder T&P discharge and steam humidifiers. Having one of the largest discharge rates of 32 litres per minute this pump can handle both high temperature up to 100 degrees and high flow rates.

#### Features

- High-level safety switch
- Max. flow 1920 LPH / 32 LPM
- Max. head 20m
- Max. head for unvented cylinders 8m
- Working discharge lift 8m
- Discharge rate volume 32 LPM
- 15mm copper outlet
- 25mm inlet
- 15mm non-return valve



Max. Flow

1920 LPH / 32 LPM



Tank Cap.

5 litres

#### The Package

- 5 Litre Stainless Steel Tank Pump
- Brass None return Valve

#### Related Products

Trunking

PAGE 44-45

PVC Coated Insulation

PAGE 42

Part Code	Max. Lift	Discharge Size	PSI	Watts	Temperature	Amps	Volts	Hz
PH-5L-HW	8m / 20m	15mm	52	370W	100°C	2.4A	240 V	50 Hz
High Level Alarm	Inlet Height	Weight	On Level	Off Level	Outlet	Inlet		
Volt Free	350mm	7kg	252mm	197mm	15mm	25mm		



## BCONDNEUT-20L



### Commercial Boiler Condensate Neutraliser 20 Litres

Installing a neutraliser will reduce the impact of damage to existing boiler concrete drainage gullies and allow for the condensate to be disposed of safely. The 20 litre stainless steel version can handle condensate from boilers up to 600kW.

#### Features

- 20 Litre capacity
- Inlet / Outlet Size - 40mm
- Suitable for 2.8pH boiler condensate
- Comes with lime chippings for instant installation

Part Code	Tank Capacity	Height	Length	Width	Inlet	Outlet	Weight
BCONDNEUT-20L*	20 Litres	200mm	400mm	300mm	40mm	40mm	27kg



## BCONDNEUT-30L



### Commercial Boiler Condensate Neutralise 30 Litres

This 30 litre version comes complete with a pump to provide a 5.9 metre lift and up to 900 litres per hour.

#### Features

- 30 Litre capacity
- Inlet Size - 40mm / Outlet Size - 9.5mm (3/8")
- Suitable for 2.8pH boiler condensate
- Comes with lime chippings for instant installation

Part Code	Tank Capacity	Height	Length	Width	Inlet	Outlet	Weight
BCONDNEUT-30L*	30 Litres	200mm	550mm	305mm	40mm	9.5mm (3/8")	30kg

\*Modular & bespoke designs are available for boilers over 600kW. For more information please call the sales team on 0115 900 5858.



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## 6E-CIA-SFS

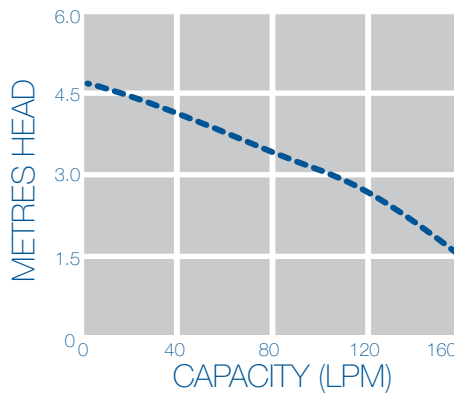


Submersible  
Drainage  
Basement  
Pump

Little Giant have the perfect pump solution for the removal of clean, non-aggressive residual water. This pump can be used to assist with the extraction of flood water in properties with basements and can be used with a sump to provide the removal of water below floor level.

### Features

- Automatic float switch
- 38mm (1-1/2") FNPT discharge
- Max. head - 4.6 metres
- Max. flow - 160 litres per minute
- 3 metre power cable
- 2 year warranty



### The Package

- Submersible Sump Pump



Max. Flow

9600 LPH / 160 LPM

Part Code	Max. Lift	Discharge Size	PSI	Watts	IP	Amps	Volts	Hz
6E-CIA-SFS	4.6m	38mm (1/2")	9.5	600 W	68	1.2A	240 V	50 Hz
Weight	Cable Length	On Level	Off Level					
12.7 kg	3m	170mm	50mm					





# APCP-1700



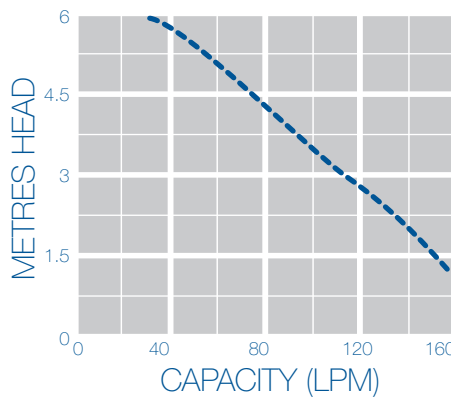
## Swimming Pool Cover Pump

### Multi Purpose Automatic Swimming Pool Cover Pump

This unique pump is designed to sit on external swimming pool covers to remove any build up of water which could submerge the cover. The pump has an inbuilt float which detects when the pump is sitting in water and removes it from the pool cover surface.

#### Features

- Mechanical internal float
- Unique large base design for stability on the top of the pool cover
- Portable with convenient handle
- 1" FNPT discharge with 3/4" MNPT hose adaptor
- 10 metre power cord
- Three year warranty



#### The Package

- APCP pump with 10m power cord
- 1" FNPT discharge with 3/4" MNPT hose adaptor



#### Max. Flow

6435 LPH / 170 LPM

Part Code	Max. Lift	Discharge Size	IP	Watts	Amps	Volts	Hz
APCP-1700	6.5m	25.4mm (1")	68	270 W	1.2 A	240 V	50 Hz
Weight	Cable Length	On Level	Off Level				
5 kg	10m	51mm	38mm				



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# SOAK 1



Install + Soakaway

Kit for  
Condensing  
Boilers

## ‘Soak Up’ Boiler condensate with our soakaway!

Where a suitable gravity drain is not available the soakaway can be used in conjunction with 10mm lime chippings. Compatible with the following pipe sizes: 22mm (3/4") overflow, 32mm (1-1/4") and 40mm (1-1/2").

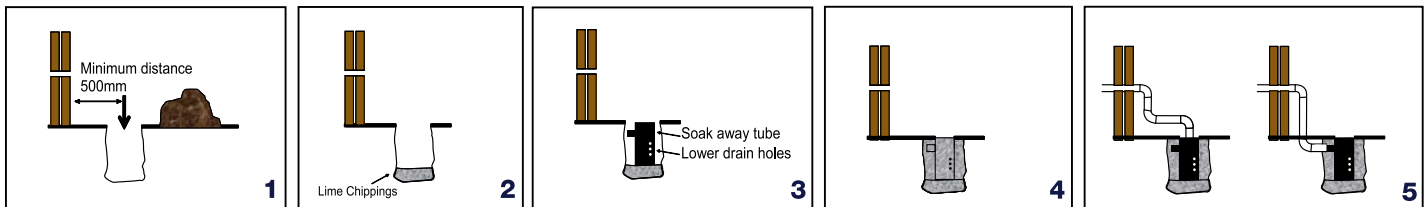
### Related Products

ASHP Soakaway PAGE 36

PVC Coated Insulation PAGE 42

### The Package

- Soakaway
- Inlet - 22mm / 32mm / 40mm
- Side or Top Inlet



1. Dig hole (min depth) 400mm x 300mm in diameter, at least 500mm from the wall

2. Fill the bottom of the hole with 100mm depth of lime chippings.

3. Insert the soakaway tube with the lower drain holes facing away from the property.

4. Fill the remaining part of the hole and tube with lime chippings

5. Feed the pipework either into the top or through the side of the soakaway.

Part Code	Description	Height	Diameter	Inlet
SOAK1	Soakaway Kit for Condensing Boilers	300mm	110mm	22mm / 32mm / 40mm



## BB-1



# Boiler Buoy Condensate Bypass Valve

### Low cost, easy to install solution to bypass freezing pipes

Cutting a condensate pipe due to freezing conditions has been commonplace over winter periods. The BB-1 Boiler Buoy condensate bypass valve is a solution that has been designed to be fitted during install, emergency call outs or whilst performing annual service visits. A red float which when visible, indicates that the condensate pipe has a blockage or may be frozen.

The built in tap allows the householder to drain the condensate away safely and ensures that the heating of the property can still work.

#### Features

- Low cost
- Easy to install
- 1.5 metres of 9.5mm (3/8") clear vinyl hose
- Outlet 9.5mm (3/8")
- Suitable for 22mm pipework
- One year warranty

#### The Package

- Boiler Buoy Bypass Valve
- 1.5 metres of 9.5mm (3/8") clear vinyl hose

#### Related Products

**Condensate Pumps** PAGE 07-12

**Soakaway** PAGE 16

**PVC Coated Insulation** PAGE 42

Part Code	Description	Height	Diameter	Outlet	Hose Length
BB-1	Boiler Buoy - Condensate Bypass Valve	115mm	29mm	9.5mm	1.5m



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# Pump Accessories

Clear Braided Hose  
**RVT**



Hose T Connector  
**701-038**



Hose Connectors  
**701-032**



Hose Clamp  
**B-6H**



Hose Clip  
**927033**



Drain Adaptor  
22mm – 3/8"  
**ADAP-1**



Pipe Adaptor  
Self-Sealing  
**SV-Adaptor**



Anti Syphon Kit  
6.3mm - 9.5mm  
**Anti-Syphon-Kit**



Audible Alarm  
**Audible-alarm**



Non Return  
Valve  
**PH-PUMP-NRV**

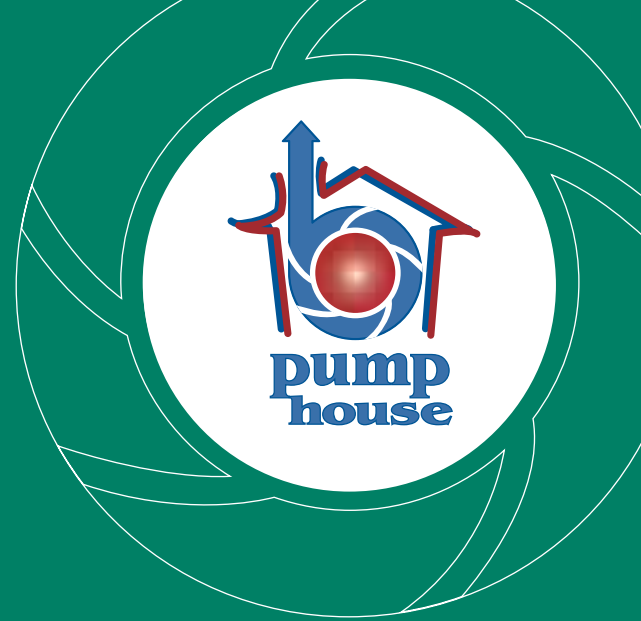


Non Return  
Valve  
**154724**



Part Code	Description	Pump Type Application
RVT-1/4	Condensate Drain Hose x 30m – 6.3mm (1/4")	Tank Pumps / Hot Water Pumps
RVT-3/8	Condensate Drain Hose x 30m – 9.5mm (3/8")	Tank Pumps / Hot Water Pumps
RVT-1/2	Condensate Drain Hose x 30m – 12.7mm (1/2")	Tank Pumps / Hot Water Pumps
701-032	Hose Connector – Nylon – 9.5mm (3/8") pack of 2	Tank Pumps with 9.5mm (3/8") discharge
701-038	Hose "T" Connector – Nylon – 9.5mm (3/8") pack of 2	Tank Pumps with 9.5mm (3/8") discharge
B-6H	Hose Clamp – 6.3mm - 9.5mm (1/4" – 3/8")	All Pumps
927033	Hose Clip - 9.5mm (3/8")	Tank Pumps with 9.5mm (3/8") discharge
ADAP-1	Drain Adaptor - 22mm - 9.5mm (3/8")	Tank Pumps with 9.5mm (3/8") discharge
SV-ADAPTOR	Pipe Adaptor Self-Sealing	Tank Pumps with 9.5mm (3/8") discharge
Anti-Syph-Kit	Anti Syphon Kit - 9.5mm (3/8")	Tank Pumps with 9.5mm (3/8") discharge
Audible-alarm	Audible Alarm for High Level Switch	All pumps with a high level alarm switch
CV-38-3	Non-Return Valve - 9.5mm (3/8") pack of 3	Tank Pumps with 9.5mm (3/8") discharge
PH-PUMP-NRV	Non-Return Valve - 9.5mm (3/8") - Single	For the PH-0.8L-HL, PH-0.8LC & PH-3.8L-HW
154724	Non-Return Valve - 9.5mm (3/8") - Single	For the VCMX-20S Nxt Gen Pump

# Protecting, Mounting, Supporting and Portables



## Meet the Team...



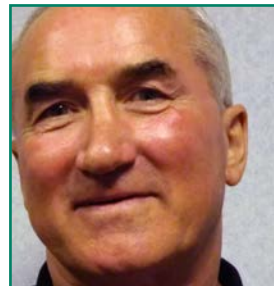
**Paul Greengrass**  
Business  
Development  
Manager



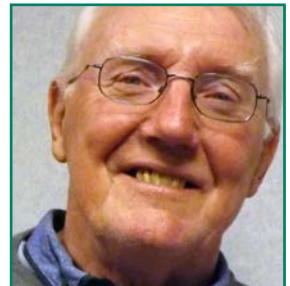
**Claire Gretton**  
Sales  
Representative



**Pete Cureton**  
Internal Sales  
Manager



**Bill Clayton**  
Workshop  
Operative



**Ian Peebles**  
Warehouse  
Driver

### Section 2

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# NEW & EXCLUSIVE



Easy-Fit

## Easy~Fit Wooden Guards

Page 33

This new wooden Pump House guard is manufactured from tanalised pressure-treated timber for weather protection and longer life. Particularly suited for areas of outstanding beauty and buildings with a preservation order or listed buildings.



Easy-Fit

## Easy~Fit Brackets Stainless Steel

Page 27

Flat packed, self assembly stainless steel brackets provide a professional finish to the installation of wall-mounted air source heat pumps in coastal areas. The Type 2 brackets have a crossbar allowing the uprights to be spaced exactly as required, and include wall spacers to help level the unit on uneven walls.



Flexi

## Flexi Foot with Strut Kits

Page 22

Flexi Foot with Strut Kits – These kits can support air source heat pumps and come complete with fixings and a pair of flexi feet.



Flexi

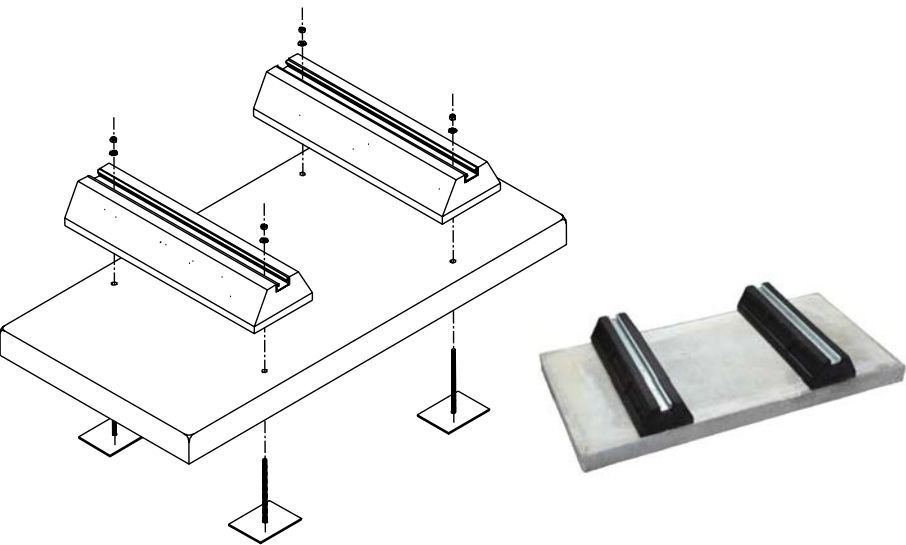


## Fix Clamp

Page 24

The Flexi Fix Clamp is used to add additional stability particularly with twin fan units. The fix clamp can be secured to the floor with anchor bolts.





# Flexi



## Lite Slab and Foot Kit

A low cost innovative solution for floor mounting air source heat pumps. The FLEXI Lite Slab and Foot kit avoids the high cost and time consuming need to construct a concrete base and comes complete with our rubber mounting feet. It can be delivered to site with minimum preparation and can be assembled in minutes. It also suits most brands of domestic air source heat pumps and air conditioning units.

### Features

- Low cost and rapid installation time
- Easy to transport and locate
- Safe working load – 600kg
- Simple to construct
- Fixing pack to secure feet to the slab
- Fixing pack to secure a heat pump to the feet

### Related Products

- Wooden Guard** PAGE 33
- ASHP Soakaway** PAGE 36
- Collection Tray** PAGE 28
- Floor Bracket Kit** PAGE 23

### The Package

- Flexi Slab • 2 or 3 x Flexi Feet
- 4 x Fixing Plate • Fixings
- Installation Instructions



1. Position the light weight slab in the required location of the ASHP unit.



2. Place both feet on the light weight slab to match the pitch of ASHP feet.



3. Insert all 4 base plates through the light weight slab and reposition to the required location of the ASHP unit.



4. Place both feet onto the threads and secure with nuts and washers.



5. Secure the ASHP units onto the kit - the installation is complete.

Part Code	Description	Width	Height	Length	Weight	Safe Working Load*
FF-UC3	Flexi Slab Kit (2 x 600mm Feet) 41mm strut	600mm	175mm	1200mm	25.5kg	600kg
FF-UC3-3	Flexi Slab Kit (3 x 600mm Feet) 41mm strut	600mm	175mm	1200mm	31kg	600kg
FF-UC3-ASN	Flexi Slab Kit (2 x 600mm Narrow Feet) M10 strut	600mm	175mm	1200mm	31kg	600kg
FF-UC3-XL	Flexi Slab Kit - Extra Large (2 x 600mm Feet) 41mm strut	865mm	175mm	1650mm	47kg	600kg
FF-UC-PLATE-KIT	Ultralite Slab & Fixing Plate Kit - 4 Plates & Fixings					



# Flexi Foot with Strut Kits



Flexi Foot with Strut Kits – These kits can support air source heat pumps and in single form as a flexi foot with strut a variety of outdoor equipment such as cable tray and pipework etc.

### Features

- Kits available in three sizes: 400mm, 600mm and 1000mm
- Made from heavy duty recycled rubber
- 21 x 41mm galvanized steel strut is supplied bonded to the rubber
- Drain slots molded to the underside of the foot

### Related Products

<b>Flexi Frames</b>	PAGE 35
<b>Flexi Lite Slab &amp; Foot Kit</b>	PAGE 21
<b>Collection Trays</b>	PAGE 28
<b>Floor Mounting Brackets</b>	PAGE 23
<b>ASHP Soakaway</b>	PAGE 36
<b>Fix Clamp</b>	PAGE 24

### The Package

- 2 x Flexi Foot with Strut
- Bag of fixings

**Single Foot option available in four sizes: 250mm, 400mm, 600mm and 1000mm**

Material	
Rubber	Compression moulded using milled, sieved and graded, recycled rubber bound with high quality adhesive
Density	1.0 kg/cm <sup>3</sup>
Strut	41 x 21 x 1.5mm galvanized steel

Part Code	Description	Length	Width	Height	Safe Working Load*	Weight
FF-400-S-KIT	2 x Flexi Foot 400mm - with fixings	400mm	185mm	100mm	400kg	9.2kg
FF-600-S-KIT	2 x Flexi Foot 600mm - with fixings	600mm	185mm	100mm	840kg	15.2kg
FF-1000-S-KIT	2 x Flexi Foot 1000mm - with fixings	1000mm	185mm	100mm	1400kg	24kg

Part Code	Description	Length	Width	Height	Safe Working Load*	Weight
FF-250-S	Flexi Foot – 250mm Strut	250mm	185mm	100mm	175kg	2.8kg
FF-400-S	Flexi Foot – 400mm Strut	400mm	185mm	100mm	280kg	4.6kg
FF-600-S	Flexi Foot – 600mm Strut	600mm	185mm	100mm	420kg	7.6kg
FF-1000-S	Flexi Foot – 1000mm Strut	1000mm	185mm	100mm	700kg	12.0kg

## FF-FIX PACK



**FF-FIX 2**



**AVMB-1**



**CCTM-FLOOR-BRKT-KIT**



### Flexi Fix Pack

To complement our range of Flexi Feet, we have created two versions of fix packs. These come as either a spring nut or T-bolt option. Each pack contains bolts, washers and nuts to secure a single ASHP condensing unit to a pair of feet.



### Anti-Vibration Mounting Bolts

The anti-vibration mounting bolts are in a convenient pack of 4. Each pack can be used with the Pump House wall brackets and is used as a method to absorb the vibrations generated by an ASHP or condensing unit.



### Floor Tray Mounting Bracket Kit

When units are mounted at floor level, condensate discharge needs to be directed towards a drain or soakaway to avoid condensate causing a slip hazard.

This floor bracket kit allows the metal tray to be mounted onto a flexi foot kit or flexi lite slab and foot kit. The ASHP can then be mounted onto the top of the bracket.

## Related Products

**Flexi Foot with Strut Kits** PAGE 22

## Related Products

**All Brackets** PAGE 25-27

## Related Products

**Flexi Foot Kits** PAGE 22

**Flexi Lite Slab and Foot Kit** PAGE 21

**Collection Trays** PAGE 28

Part Code	Description	Pack Quantity	For use with
FF-FIX PACK	Components with spring nuts to secure an ASHP.	1	2 x Flexi Feet
FF-FIX 2	Components with T bolts to secure an ASHP.	1	2 x Flexi Feet
AVMB-1	Anti-vibration mounting bolts to suit all wall brackets	4	Brackets
CCTM-FLOOR-BRKT-KIT	Stainless steel brackets with fixings	4	Flexi Feet / Trays



Easy-Fit



Fixings



Flexi



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## Flexi Foot Universal

The Flexi Foot Universal has three M10 inserts, offering support for small pipework and runs of cable tray, air source heat pumps and a variety of outdoor equipment. The installer is free to bolt their own strut of various lengths to suit any installation from 500mm to 3000mm in length. It can also be used to support both solar thermal and solar photovoltaic on flat roof installations.

Features
<ul style="list-style-type: none"> <li>• One size: 250mm</li> <li>• Made from heavy duty recycled rubber</li> <li>• Three M10 inserts set into the mould</li> <li>• Drain slots moulded to the underside of the foot</li> </ul>

The Package
<ul style="list-style-type: none"> <li>• 1 x Flexi Foot with 3 M10 inserts</li> </ul>

Related Products		
<table border="0"> <tr> <td><b>Cable Tray</b></td> <td>PAGE 53</td> </tr> </table>	<b>Cable Tray</b>	PAGE 53
<b>Cable Tray</b>	PAGE 53	

\* The maximum loads quoted is 25kg per insert and have been tested with a 4:1 safety ratio. It is the installer's responsibility to ensure that equipment weights do not exceed the safe working loads quoted.

Part Code	Description	Length	Width	Height	Safe Working Load*	Weight
FF-250-UNI	FLEXI FOOT – 250mm Universal	250mm	185mm	100mm	125kg	2.8kg



## Flexi Fix Clamp

The Flexi Fix Clamp is used to add additional stability particularly with twin fan units. The fix clamp can be secured to the floor with anchor bolts.

Related Products				
<table border="0"> <tr> <td><b>Flexi Foot Kits</b></td> <td>PAGE 22</td> </tr> <tr> <td><b>Flexi Foot Universal</b></td> <td>PAGE 24</td> </tr> </table>	<b>Flexi Foot Kits</b>	PAGE 22	<b>Flexi Foot Universal</b>	PAGE 24
<b>Flexi Foot Kits</b>	PAGE 22			
<b>Flexi Foot Universal</b>	PAGE 24			

Part Code	Description	Length	Width	Height
FF-FIXCLAMP	Flexi Foot Fix Clamp	240mm	60mm	103mm





## Easy~Fit



## Type 1 Brackets

These flat-packed, self-assembly brackets provide a professional finish to the installation of wall-mounted air source heat pumps. The Type 1 brackets have uprights that mount directly on to the wall via six anchor bolts provided, maximising the rigidity of the installation. For improved corrosion resistance all metal now receives a 100% zinc plating, followed by a hard ED coating, before being finished with an external grade polyester powder coating to RAL 7032.

### Features

- Safe working load up to 250kg
- Suitable to match most brands of domestic air source heat pumps and condenser units
- Extra long arms (up to 1 metre available for larger ASHP units)
- Textured finish in (RAL 7032)

### Related Products

<b>All ASHP Guards</b>	PAGE 29-34
<b>Collection Trays</b>	PAGE 28
<b>AVMB Bolts</b>	PAGE 23

### The Package

- 2 x Support Arms • 2 x Uprights • Fixings • Installation Instructions

Part Code	Description	Safe Working Load*	Max Load	Upright	Support Arm	Weight
CBR1-XL	Type 1 Bracket – Extra Large	250kg	500kg	550mm	660mm	8.8kg
CBR1-XXL	Type 1 Bracket – 2 x Extra Large	250kg	500kg	550mm	1000mm	11kg

All brackets are tested to twice the safe working loads at an independent UK facility.

Sea salts are very corrosive and affect both ferrous and non-ferrous metals. Coastal installations are particularly at risk as they are frequently exposed to sea salt solutions followed by dry periods, where this wet/dry cycle produces a very corrosive environment. We strongly recommend that in such locations only our stainless steel brackets are installed see page 27.



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Fixings



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**CBR2-M**



**CBR2-XL-3A**

## Easy~Fit



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## Type 2 Brackets

These flat-packed, self-assembly brackets provide a professional finish to the installation of wall-mounted air source heat pumps. The Type 2 brackets have a crossbar allowing the uprights to be spaced exactly as required, and include wall spacers to help level the unit on uneven walls. For improved corrosion resistance all metal now receives a 100% zinc plating, followed by a hard ED coating, before being finished with an external grade polyester powder coating to RAL 7032.

### Features

- Integral spirit level makes correct installation of the crossbar easier
- Uprights mount anywhere on the crossbar which enables the arm span to be adjusted easily
- Adjustable wall spacers to level the arms
- Safe working load up to 250kg
- Suitable to match most brands of domestic air source heat pumps
- Textured finish in (RAL 7032)

### Related Products

- All ASHP Guards** PAGE 29-34
- Collection Trays** PAGE 28
- AVMB Bolts** PAGE 23

### The Package

- Crossbar with Spirit Level
- 2 x Support Arms
- 2 x Uprights
- Fixings
- Installation Instructions
- 3 arm option available

Part Code	Description	Safe Working Load*	Max Load	Crossbar	Upright	Support Arm	Weight
CBR2-S	Type 2 Bracket – Small	60kg	120kg	720mm	400mm	400mm	3.8kg
CBR2-M	Type 2 Bracket – Medium	90kg	180kg	900mm	500mm	500mm	4.6kg
CBR2-L	Type 2 Bracket – Large	140kg	280kg	1040mm	550mm	540mm	6.6kg
CBR2-XL	Type 2 Bracket – Extra Large	250kg	500kg	1040mm	550mm	660mm	16.2kg
CBR2-XL-3A	Type 2 Bracket – 3 Extra Large Arms	250kg	500kg	1040mm	550mm	660mm	21.4kg

All brackets are tested to twice the safe working loads at an independent UK facility.

Sea salts are very corrosive and affect both ferrous and non-ferrous metals. Coastal installations are particularly at risk as they are frequently exposed to sea salt solutions followed by dry periods, where this wet/dry cycle produces a very corrosive environment. We strongly recommend that in such locations only our stainless steel brackets are installed see page 27.





## Easy~Fit



## Type 2 Stainless Steel Brackets

These flat-packed, self-assembly stainless steel brackets provide a professional finish to the installation of wall-mounted air source heat pumps in coastal areas. The Type 2 brackets have a crossbar allowing the uprights to be spaced exactly as required, and include wall spacers to help level the unit on uneven walls.

### Features

- Uprights mount anywhere on the crossbar which enables the arm span to be adjusted easily
- Adjustable wall spacers to level the arms
- Recommended for coastal locations exposed to sea salt solutions or corrosive environments
- Safe working load up to 250kg

### Related Products

- All ASHP Guards** PAGE 29-34
- Collection Trays** PAGE 28
- AVMB Bolts** PAGE 23

### The Package

- Crossbar • 2 x Support Arms
- 2 x Uprights • Fixings

Part Code	Description	Safe Working Load*	Max Load	Crossbar	Upright	Support Arm
CBR2-M-SS	Type 2 Stainless Steel Bracket – Medium	90kg	180kg	900mm	500mm	500mm
CBR2-L-SS	Type 2 Stainless Steel Bracket – Large	140kg	280kg	1040mm	550mm	540mm
CBR2-XL-SS	Type 2 Stainless Steel Bracket – Extra Large	250kg	500kg	1040mm	550mm	660mm

\* All brackets are tested to twice the safe working loads at an independent UK facility. It is the installer's responsibility to ensure that equipment weights do not exceed the safe working loads quoted

Sea salts are very corrosive and affect both ferrous and non-ferrous metals. Coastal installations are particularly at risk as they are frequently exposed to sea salt solutions followed by dry periods, where this wet/dry cycle produces a very corrosive environment. We strongly recommend that in such locations only our stainless steel brackets are installed.



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Fixings



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## Easy~Fit



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# Metal Condensate Collection Trays

### 100% zinc plated metal trays

These metal trays have a convex profile and a recessed flush drain hose adaptor, minimising the amount of standing water left in the tray. Supplied with fixing arms for mounting to all Pump House brackets. For improved corrosion resistance all metal now receives a 100% zinc plating, followed by a hard ED coating, before being finished with an external grade polyester powder coating to RAL 7032.

#### Features

- Concave profile ensures effective water drainage
- Recessed, flush drain pipe adaptor minimises standing water in the tray
- Three sizes to suit many applications
- 1/2" BSP male thread on drain outlet

#### The Package

- Tray • 2 x Hangers • Fixings

#### Related Products

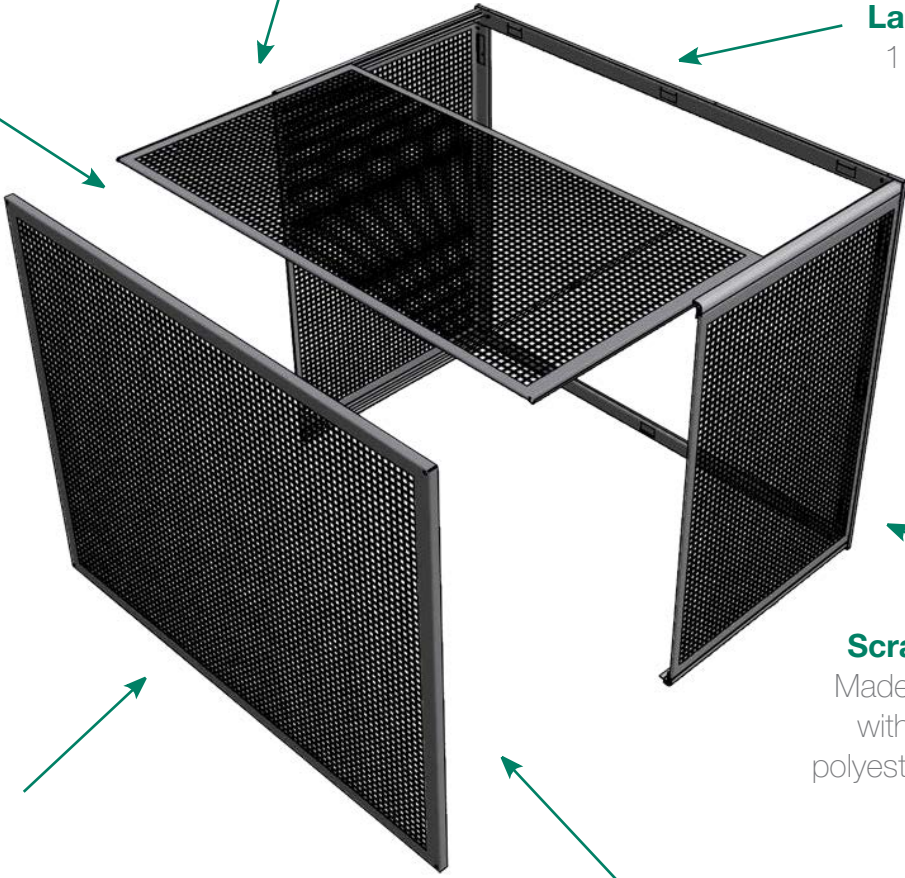
<b>All Brackets</b>	PAGE 25-27
<b>All ASHP Guards</b>	PAGE 29-34
<b>Flexi Lite Slab &amp; Foot Kit</b>	PAGE 22

Part Code	Description	Width	Length	Weight
CCTM-800	Metal Tray – Small	400mm	800mm	5.3kg
CCTM-1100	Metal Tray – Medium	400mm	1100mm	6.9kg
CCTM-1400	Metal Tray – Large	400mm	1400mm	8.3kg



# ASHP Protective Guards

These unique, easy-to-install outdoor steel mesh guards provide protection to most sizes of air source heat pumps and condensing units against vandalism and accidental damage. With 11 sizes in the range, we have **the largest selection available in the industry.**



**14 Years Industry Experience**  
Guards launched in 2002

**Anti-Rust**  
Salt spray tested to replicate 10 years' use

**Largest Selection**  
11 sizes available in the range

**Scratch Resistant**  
Made with Zintec steel with external grade polyester powder coating

**Easy to Install & Service** Unique sliding panel system for easy installation and allows access for servicing the heat pump

**Manufactured by Pump House** All jigs and tools are owned and designed by Pump House



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## Easy~Fit



# Air Source Heat Pump Guards

### Easy Fit... Need we say more?

These Pump House manufactured weather-resistant, steel mesh guards offer a safe solution to avoid accidental damage or vandalism of your expensive air source heat pumps, making them ideal for all manufacturers.

#### Features

- Unique sliding panel system
- All panels can be removed for maintenance by unscrewing just four bolts
- Additional bottom and back panels are available for stand-alone/high wall options
- All bolts are allen-headed for added security
- Quick and easy to install and access for maintenance
- Textured finish in (RAL 7032)

#### Related Products

- Brackets** PAGE 25-27
- Collection Trays** PAGE 28
- Flexi Lite Kit** PAGE 21
- Flexi Foot with Strut Kits** PAGE 22

Part Code	Description
CG-BPS	Base Panel for Small Guard
CG-BPM	Base Panel for Medium Guard
CG-BPL	Base Panel for Large Guard

#### The Package

- Wall Frame • Front Panel
- Top Panel • 2 x Side Panels
- 4 x Support Arms • Bag of Fixings

Part Code	Description
CG-FPS	Front/Back Panel for Small Guard
CG-FPM	Front/Back Panel for Medium Guard
CG-FPL	Front/Back Panel for Large Guard
CG-AF	Adjustable Feet for Guards (Sold in Pairs)

Part Code	Size	Dimensions (External)			Dimensions (Internal)			Weight
		Height	Width	Depth	Height	Width	Depth	
CG-S	S	750mm	1050mm	460mm	720mm	1020mm	450mm	18kg
CG-M	M	1150mm	1150mm	650mm	1120mm	1120mm	640mm	27kg
CG-L	L	1450mm	1150mm	650mm	1420mm	1120mm	640mm	30kg
CG-XL	XL	1800mm	1150mm	650mm	1770mm	1120mm	640mm	40kg



## Easy~Fit



Easy~Fit

## ASHP Guard 750 Series with Split Wall Frame

### Heat Pump already installed and need a guard? Look no further.

The split wall frame of these Pump House manufactured guards enable you to place a guard with ease, even when the air source heat pump has been installed. You can work around pipework and electrical connections hassle-free. 750 refers to the depth of the guard. Ideal for all manufacturers of air source heat pumps requiring extra rear air space.

### Features

- Unique sliding panel system
- All panels can be removed for maintenance by unscrewing just four bolts
- Additional bottom and back panels are available for stand alone/high wall options
- All bolts are allen-headed for added security
- Quick and easy to install and access for maintenance
- Textured finish in (RAL 7032)

### Related Products

- Brackets** PAGE 25-27
- Collection Trays** PAGE 28
- Flexi Lite Slab & Foot Kit** PAGE 21
- Flexi Foot with Strut** PAGE 22

Part Code	Description
CG-750-BPM	Base Panel for 750 S/M/L Guard
CG-750-SPL	Base Panel for 750L INV Guard

### The Package

- Upper Wall Frame
- Lower Wall Frame
- Top Panel
- Front Panel
- 2 x Side Panel
- Bag of Fixings
- Installation Instructions

Part Code	Description
CG-750-FPS	Front/Back Panel for 750 Small Guard
CG-750-FPM	Front/Back Panel for 750 Medium Guard
CG-750-FPL	Front/Back Panel for 750 Large Guard
CG-750-FPL	Front/Back Panel for 750 Large Inv. Guard

Part Code	Size	Dimensions (External)			Dimensions (Internal)			Weight
		Height	Width	Depth	Height	Width	Depth	
CG-750-S	S	950mm	1150mm	750mm	920mm	1120mm	740mm	25kg
CG-750-M	M	1150mm	1150mm	750mm	1120mm	1120mm	740mm	32kg
CG-750-L	L	1450mm	1150mm	750mm	1420mm	1120mm	740mm	33kg
CG-750-INV	INV	1150mm	1450mm	750mm	1120mm	1420mm	740mm	33kg



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Fixings



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## Easy~Fit



## ASHP Guard 900 Series

### Larger units can be safely protected with our 900 series.

These Pump House manufactured weather-resistant, steel mesh guards offer a safe solution to avoid accidental damage of your expensive air source heat pump. Ideal for all manufacturers of air source heat pumps.

#### Features

- Unique sliding panel system
- All panels can be removed for maintenance by unscrewing just four bolts
- Additional bottom and back panels are available for stand alone/high wall options
- All bolts are allen-headed for added security
- Quick and easy to install and access for maintenance
- Textured finish in (RAL 7032)

#### Related Products

- Brackets** PAGE 25-27
- Collection Trays** PAGE 28
- Floor Bracket Kits** PAGE 23
- Flexi Lite Slab & Foot Kit** PAGE 21
- Flexi Foot with Strut Kits** PAGE 22

Part Code	Description
CG-BP900L	Base Panel for 900 L/XL Guard

#### The Package

- Wall Frame • Front Panel
- Top Panel • 2 x Side Panels
- 4 x Support Arms • Bag of Fixings
- Installation Instructions

Part Code	Description
CG-FPL	Front/Back Panel for 900 Large Guard
CG-FP900LSQ	Front/Back Panel for 900 Square Guard
CG-FPXXL	Front/Back Panel for 900 XX Large Guard

Part Code	Size	Dimensions (External)			Dimensions (Internal)			Weight
		Height	Width	Depth	Height	Width	Depth	
CG-900L-INV	L	1150mm	1450mm	900mm	1120mm	1420mm	890mm	34kg
CG-900L-SQ	L-SQ	1450mm	1450mm	900mm	1420mm	1370mm	890mm	51kg
CG-900-XXL	XXL	1800mm	1450mm	900mm	1770mm	1370mm	890mm	60kg





rear slot detail for pipework and cables



## Easy~Fit



Easy~Fit

## Wooden Guards

**Typically British, designed for buildings with preservation orders, listed buildings or areas of outstanding beauty.**

These Pump House Easy~Fit wooden guards are made from tanalised, pressure-treated timber. The design optimises air-flow with louvered panels, all round angled to direct air flow downwards. Ideal for all manufacturers of air source heat pumps.

### Features

- Improves visual appearance of the heat pump
- Fast and easy to install and assemble
- All components are flat packed for easy transportation
- Louvered panels to optimise airflow
- Pressure treated external grade timber
- Sized to suit most sizes of air source heat pumps
- Designed with rear slot to allow room for the pipework and cable running to the unit to and front the heat pump

### Related Products

**Flexi Lite Slab & Foot Kit** PAGE 21

### The Package

- Side Panel (Left) • Side Panel (Right)
- Front Panel • Top Panel • Bag of Fixings • Installation Instructions
- Rear Slat

Part Code	Size	Dimensions (External)			Dimensions (Internal)			Weight
		Height Front/Back	Width	Depth	Height Front/Back	Width	Depth	
CG-750S-WOOD	Small	905 / 960mm	1275mm	865mm	850 / 890mm	1055mm	753mm	34.7kg
CG-750M-WOOD	Medium	1135 / 1185mm	1275mm	865mm	1075 / 1115mm	1055mm	753mm	40.3kg
CG-750M+WOOD	Medium +	1255 / 1310mm	1275mm	865mm	1200 / 1240mm	1055mm	753mm	43.7kg
CG-750L-WOOD	Large	1530 / 1585mm	1275mm	865mm	1475 / 1515mm	1055mm	753mm	50.9kg
CG-750L-INV-WOOD	Large Inverted	1130 / 1185mm	1630mm	865mm	1075 / 1115mm	1405mm	753mm	47.2kg



## Easy~Fit



VRV/VRF

Guards

### The UK first flat-packed, self-assembly guard!

This Pump House Easy~Fit VRV/VRF guards offer a quick and safe solution against vandalism and accidental damage. This modular design allows you to protect any variation of VRV/VRF installation. Ideal for all manufacturers of modular commercial air source heat pumps.

#### Features

- Avoids high cost bespoke fencing and fabrication on site
- Suitable for all models/brands of VRV/VRF heat pump units
- Floor mounting as standard
- Reversible floor fixings – can be located inside (for security) or outside (for ease of installation) the guard
- Unique sliding panel system for quick and easy assembly and disassembly for maintenance
- Textured finish in RAL7032

#### Related Products

Flexi Frames

PAGE 35

#### The Package

- 2 x Front/Back Panel
- 2 x Side Panels
- Top Panel
- 4 x Support Arms
- Bag of Fixings

Overall Guard Dimensions			Order Requirements		
Height	Width	Depth	CG-V-BP	CG-V-EP-6	CG-V-EP-12
2000mm	1160mm	1200mm	1	0	0
2000mm	1740mm	1200mm	1	1	0
2000mm	2320mm	1200mm	1	0	1
2000mm	2900mm	1200mm	1	1	1
2000mm	3480mm	1200mm	1	0	2
2000mm	4060mm	1200mm	1	1	2

Part Code	Description	Dimensions (External)			Dimensions (Internal)			Weight
		Height	Width	Depth	Height	Width	Depth	
CG-VRF-BP	Base Pack	2000mm	1160mm	1200mm	1970mm	1130mm	1200mm	64kg
CG-VRF-EP-6	Extender Pack – Small	2000mm	580mm	1200mm	1970mm	N/A	1200mm	24kg
CG-VRF-EP-12	Extender Pack – Large	2000mm	1160mm	1200mm	1970mm	N/A	1200mm	41kg



**Black Square  
320mm Foot Design**



# Flexi Frames



The BASE & EXTENDER frames are designed to provide stability and spread loads evenly across flat roof surfaces. The galvanized steel frame raises equipment up to 405mm above the flat roof level, permitting quick and easy access for roof maintenance.

## Features

- Quick and easy height adjustments
- Fast and easy to install
- Time and cost saving
- Allows maintenance access under the equipment
- No penetration of water proof membrane
- Suitable for multiple ASHP installation on flat roofs

## Related Products

- Flexi Foot with Strut Kit** PAGE 22
- Flexi Foot Universal** PAGE 24

## The Package

- 4 x Feet • 2 x Box Section
- 2 x Strut Beam with Clamps
- 4 x Adjustable Leg Assembly
- 8 x Pre-Assembled Bolts

**Flat Packed for  
ease of shipping**

Part Code	Description	Length	Width	Min Height	Max Height	Safe Working Load*	Weight
<b>Black Foot</b>							
PH-BF-B	Flexi Base Frame	1200mm	1200mm	300mm	405mm	500kg	30kg
PH-EF-B	Flexi Extender Frame	1200mm	1200mm	300mm	405mm	500kg	24kg
PH-BF-1500-B	Flexi Base Frame 1500	1500mm	1500mm	300mm	405mm	500kg	33kg
PH-EF-1500-B	Flexi Extender Frame 1500	1500mm	1500mm	300mm	405mm	500kg	27kg

## Material

Feet	Square - 320mm and 500mm square UV stabilised - 90% polypropylene and 10% grp
Legs	50mm diameter, 3mm galvanized steel tube. M24 galvanized steel height adjuster. 3mm galvanized steel U-clevis
Box / Cross Beams	Box - 38 x 38 x 2.5mm galvanized steel square tube / Cross - 41 x 41 x 2.5mm galvanized steel slotted channel
Fixing Bolts	M12 zinc-plated steel

Operating Temperatures: -25°C to + 80°C





## Install +



## ASHP Soakaway

### Removing air source heat pump condensate made easy!

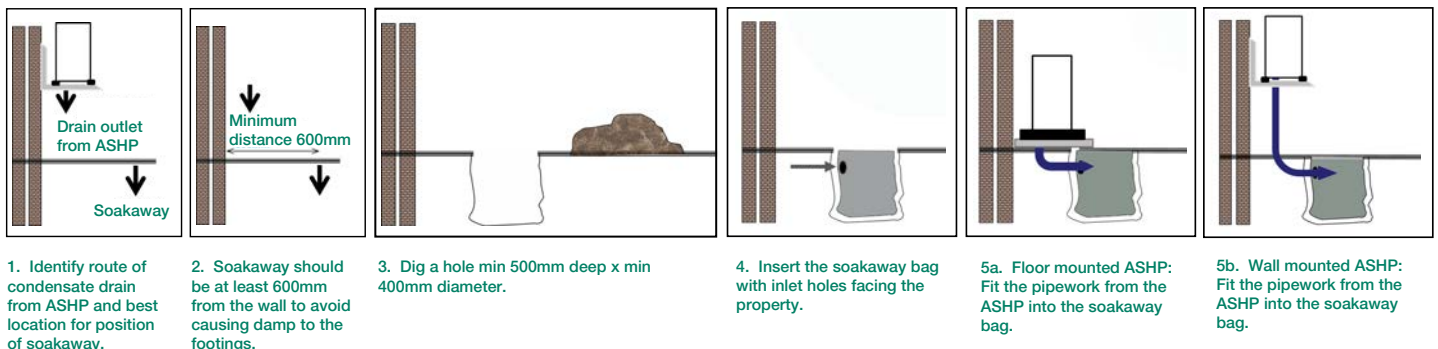
This unique pre-bagged geo textile soakaway is used to safely dispose of the condensate from all domestic sized air source heat pumps where drain routing is not available. The volume of condensate created from an air source heat pump up to 16kW can be between 10-15 litres per hour up to 2000 litres per year. This method prevents the condensate from flowing onto paths and driveways, which can freeze and cause a slip hazard.

#### Features

- Alternative method to condensate removal disposal
- Suitable for all models/brands of air source heat pumps
- Made from pre-bagged geo-textile material to prevent soil ingress
- 32mm inlet
- Capacity - 10-15 litres per hour
- Helps with MIS 3005 compliance and complies with BRE 365

#### The Package

- 1 x geo-textile bagged soakaway



Part Code	Description	Inlet	Diameter	Height
ASHP-SOAK	Air Source Heat Pump Soakaway - pre bagged geo textile with rubber chippings	32mm	400mm	400mm





Partners

Ultralite®

## Equipment Slabs

Don't be fooled – Ultralite® Equipment Slabs look and perform like concrete slabs but are lightweight and very easy to handle and transport. So give your aching back a rest and use a Ultralite® Slab to mount domestic air source heat pumps.

### Features

- Safe working load – 56kg per 50mm diameter
- Easy to handle and transport
- Available in three sizes

### Construction

- Encapsulated polystyrene core
- Fibre reinforced cement coating
- Outside slurry coating with texturing

### Related Products

**Flexi Frames**

PAGE 35

### The Package

- Ultralite® Slab •

### Chemical Resistance

In normal usage conditions an equipment pad can be exposed to a variety of chemicals. The Ultralite® Slab has been fully tested in accordance with ASTM D2299 for resistance against: all refrigerants, compressor oils, salt solution and synthetic canine urine.

### Freeze/Thaw Testing

The Ultralite® Slab has been independently tested to the rigorous freeze-thaw regimen specified by ASTM C67. This standard dictates a twenty-five cycle freeze-thaw sequence. The freeze portion of the sequence takes place with the top surface of the slab under 12mm of water. Once twenty five cycles are complete the slab is examined for cracks and crazing. The Ultralite® Slab performed flawlessly.

\* It is the installer's responsibility to ensure that equipment weights do not exceed the safe working loads quoted and that the roof structure onto which these products are being applied is sufficiently sound to withstand the weight and point loading. If these products are used in contact with a PVC roof membrane, the installer should seek advice from the membrane manufacturer on the possible migration of plasticizers, and the effect of this on the roof guarantee. These products should not be used for any purpose other than that for which they have been designed, and the products must not be modified in any way. Pump House accepts no liability for damage caused by the incorrect application or installation of these products.

Part Code	Description	Length	Width	Depth	Max. Concentrate Load	Weight
UC-1636-2	ULTRALITE® Equipment Slab	900mm	400mm	51mm	56kg per 50mm diameter	7.1kg
UC-2424-2	ULTRALITE® Equipment Slab	600mm	600mm	51mm	56kg per 50mm diameter	6.8kg
UC-2448-3	ULTRALITE® Equipment Slab	1200mm	600mm	76mm	56kg per 50mm diameter	15.7kg
UC-4865-3	ULTRALITE® Equipment Slab	1650mm	865mm	76mm	56kg per 50mm diameter	25.9kg



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Fixings



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PH Motors



Portable



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## Portables



Portable

(cooling model)

PAC-C-12

(heating & cooling model)

PAC-H-12

The Pump House portable air conditioners are suitable for offices, computer rooms and light commercial use. The cooling only model is ideal for cooling flats, conservatories or loft conversions during hot summer months. The heat pump model provides cooling but can also be used as an energy efficient form of heating during the cold winter months.

### Features

- Meets EN14511 standard and EU commission regulation 206/2012
- Proven well-tested designs
- LED display and remote control (both models)
- Flexible exhaust hose – 1.5m (both models)
- Energy efficiency rating A
- Suitable for areas up to 26m<sup>2</sup>
- No pump required - self-evaporating condensate Hose needs to be connected when in heat-only mode
- R410A Refrigerant

**A**

ENERGY EFFICIENCY

### The Package

- Portable Unit • Remote Controller
- Installation Instructions •

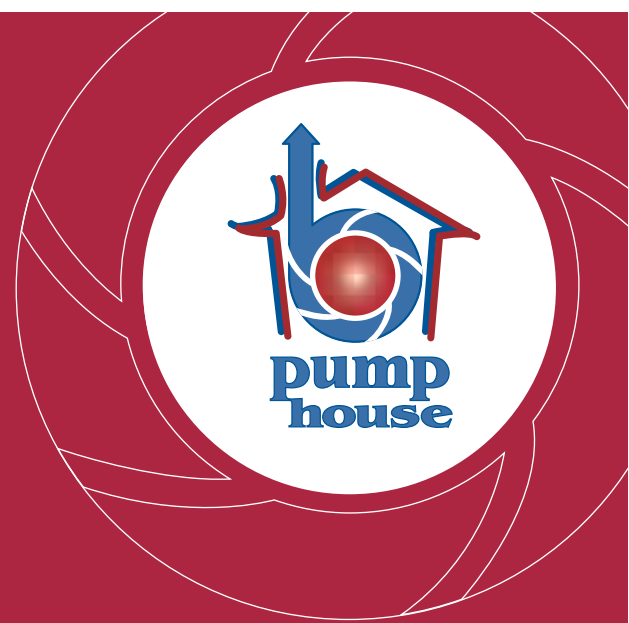
### Portable Spare Parts

We supply spare parts for all of the Pump House Portables – Please enquire for details.

Part Code	Description	Cool Capacity Btu / kW	Heat Capacity Btu / kW	Watts	Amps	Air Flow Volume	EER	COP	dB(A) Sound Power Level
PAC-C-12	Portable (Cooling)	12,000 / 3.5	N/A	1350 W	5.9 A	370m <sup>3</sup> /h	2.6	N/A	65
PAC-H-12	Portable (Heat Pump)	12,000 / 3.5	10,000 / 2.9	1350 W	5.9 A	370m <sup>3</sup> /h	2.6	2.6	65

Part Code	Description	Height	Width	Depth	Weight	Hose Length	Refrigerant	Cooling Area
PAC-C-12	Portable (Cooling)	765mm	467mm	397mm	34kg	1.5m	R410A	18-26m <sup>2</sup>
PAC-H-12	Portable (Heat Pump)	765mm	467mm	397mm	37.5kg	1.5m	R410A	18-26m <sup>2</sup>





# Accessories, Tools and Maintenance

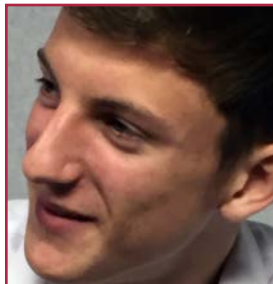
## Meet the Team...



**Tom Fitzsimons**  
Area Sales  
Manager



**Nadine Bailey**  
Sales  
Representative



**Ryan Foote**  
Sales  
Representative



**Stuart Lister**  
Warehouse  
Operative



**John Lyle**  
Quality Control

### Section 3

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# NEW & EXCLUSIVE



Install +



## Flexible Hose

Page 39



Flexible hose is designed to meet the requirements of the MCS MIS 3005 installation specification to allow the flow and return pipe work to connect to a heat pump. The flexible hose helps to avoid any movement in the pipe work and allows for a smooth bend when connecting



## Fused Spur with Back Box

Page 47

A range of metal or plastic fused spurs with back boxes. Available with or without neon in two sizes of back boxes.



Install +



## PVC Coated External Grade Insulation

Page 42

External condensate pipework needs to be insulated in a tough PVC coated weather protected covering to avoid UV degradation and animal damage. Boiler installation standard BS 6798:2104 makes specific reference to this grade of insulation.

Our PVC coated range helps installations comply in both boiler condensate and ASHP installations



Install +



## Rotary Enclosed Isolators

Page 46

Insulated 3 and 4 pole, CE marked, A/C isolators, suitable for disconnecting power supply to outdoor air source heat pumps


**1" BSP Male**
**1" BSP Female**


## Install +



## Flexible Hose

Pump House Flexible Hose is designed to meet the requirements of the MCS MIS 3005 installation specification to allow the flow and return pipe work to connect to a heat pump. The flexible hose helps to avoid transmission of vibration in the pipe work and allows for a smooth bend when connecting the flow and return pipe to the heat pump or biomass boiler.

The 28mm hose is sleeved within a stainless steel braid for added protection, available in female or male BSP (British Standard Pipe) thread at one end and 28mm compression fitting at the other. All flexible hose comes complete with external grade PVC coated 19mm thick insulation.

### Features

- Stainless steel braided hose
- Pre-insulated with 19mm thick PVC coating
- 1" and 1-1/4" male or female BSP thread fitting available
- 28mm / 32mm compression fitting
- Suitable for most ASHP and Biomass Boilers
- Additional 80mm of insulation to cover the connectors

### Related Products

**Flexi Lite Slab and Foot Kit**

PAGE 21

**ASHP Trunking**

PAGE 44-45

### The Package

- 2 x Flexible Hose
- 2 x Insulation
- 2 x Elbow (Only in Elbow Version)
- 2 x Fibre Washers

Part Code	Description	Length	Diameter	Fitting 1	Fitting 2	Insulation
FH-500-28-F	ASHP Flexible Hose 500 Female	500mm	28mm	1" FBSP	28mm Compression	19mm
FH-750-28-F	ASHP Flexible Hose 750 Female	750mm	28mm	1" FBSP	28mm Compression	19mm
FH-750-28-M	ASHP Flexible Hose 750 Male	750mm	28mm	1" MBSP	28mm Compression	19mm
FH-1000-28-F	ASHP Flexible Hose 1000 Female	1000mm	28mm	1" FBSP	28mm Compression	19mm
FH-750-28-F ELB	ASHP Flexible Hose 750 Female Elbow	750mm	28mm	1" FBSP	28mm Compression	19mm
FH-750-28-11/4-F	ASHP Flexible Hose 750 Female	750mm	28mm	1/1/4" FBSP	28mm Compression	19mm



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## PVC Coated External Grade Insulation

External condensate pipework needs to be insulated in a tough PVC coated weather protected covering to avoid UV degradation and animal damage. Boiler installation standard BS 6798:2104 makes specific reference to this grade of insulation. ASHP and Biomass Boilers tend to be located externally and this hot water pipework needs to be protected and insulated to avoid heat loss, MIS3005 and building regulations advise a certain thickness of insulation to meet heat loss requirements. Our PVC coated range helps installations comply in both boiler condensate and ASHP installations

### Features

- Upto 19mm thick PVC coated insulation
- Suitable for ASHP & Biomass Boilers
- Compatible with 28mm / 32mm compression fitting
- Suitable for external boiler condensate pipe to help with BS-6798 compliance

### Related Products

- Flexi Lite Slab and Foot Kit** PAGE 21
- Trunking** PAGE 44-45
- Through Wall Insulation Kit** PAGE 43

### The Package

- 2 metre length of insulation

Part Code	Description	Length*	Diameter	Thickness	ID
FH-I-1000-15	PVC Coated Weather and Waterproof Insulation 1000mm	1000mm	41mm	13mm	15mm
FH-I-1000-22	PVC Coated Weather and Waterproof Insulation 1000mm	1000mm	60mm	19mm	22mm
FH-I-1000-28	PVC Coated Weather and Waterproof Insulation 1000mm	1000mm	66mm	19mm	28mm
FH-I-1000-35	PVC Coated Weather and Waterproof Insulation 1000mm	1000mm	73mm	19mm	35mm

\* minimum order quantity is 2000mm or 2metre lengths

Part Code	Description	Length	Width	Thickness
INS-TAPE-10-PK	PVC Coated Weather and Waterproof Insulation Tape 10 pack	250mm	50mm	1mm





## Install +



## Through wall insulation kit

Running pipe work from an externally mounted air source heat pump or biomass boiler into a property requires the pipe work to be run through the exterior wall. The hot pipe work will be affected by cold bridging and heat loss if it is not insulated correctly. MIS 3005 requires external pipework and pipework running through external walls to be adequately insulated.

The Pump House TW-KIT (Through wall insulation kit) provides both thermal insulation within the wall and comes complete with an elbow section to cover the external copper pipe connection.

### Features

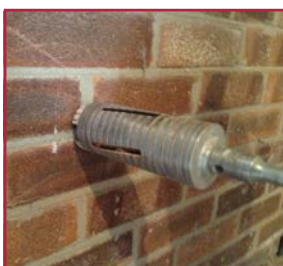
- Avoids heat loss and improves efficiency of the installed air source heat pump
- 19mm wall insulation with a tough PVC coating
- Suitable for both 22mm and 28mm pipe work

### Related Products

- All ASHP Guards** PAGE 29-34
- All Brackets** PAGE 25-27

### The Package

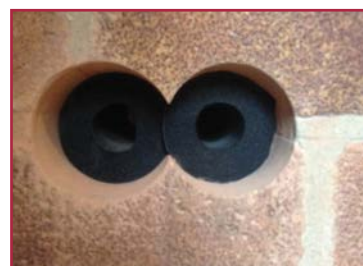
- 2 x straight 320mm lengths
- 2 x custom slit elbows
- 2 x strips of tape



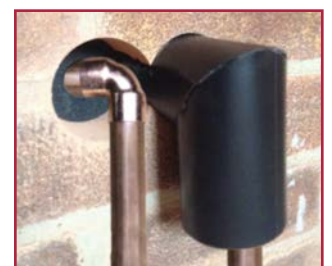
1. Select a 65mm core drill.



2. Drill two 65mm holes next to each other.



3. Insert the PVC sleeve insulation, recess it to allow for the elbow to be located.



4. Fit the elbow over the copper pipes

Part Code	Description
TW-KIT	Sleeved 19mm tough PVC coated insulation kit



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**TR-WC-140 & TR-D-140**



**TR-WC-140-B & TR-D-140-B**

## Install +



## External 140mm Trunking

Pipe work and insulation running from an air source heat pump or biomass boiler should be protected. Our 140mm range of trunking comes in ivory or black. The width of the trunking will accommodate the insulated flow and return pipe work up to 28mm diameter along with any associated cabling.

### Features

- Easy to install
- 140mm width accommodates both the insulated flow and return pipe work and other associated cabling
- Provides a professional and neat finish
- Made from high grade fade resistant PVC
- Available in ivory and black
- Protection from the elements, accidental damage and pest damage

### Related Products

**Flexi Lite Slab  
and Foot Kit**

PAGE 21

**ASHP Trunking**

PAGE 45

Part Code Ivory	Part Code Black	Description	Depth	Width
TR-D-140	TR-D-140-B	Length of Trunking - 2000mm (2m)	90mm	140mm
TR-WC-140	TR-WC-140-B	Wall Cover	90mm	140mm
TR-CP-140	TR-CP-140-B	Straight Connector	90mm	140mm
TR-IC-140	TR-IC-140-B	90 Degree Internal Bend	90mm	140mm
TR-FB-140	TR-FB-140-B	90 Degree Flat Bend	90mm	140mm
TR-EC-140	TR-EC-140-B	90 Degree External Bend	90mm	140mm



**ID-SW-100-I**



**ID-SW-100-K**



**ID-SK-100-I**



**ID-SJ-100-K**



**ID-SC-100-I**



**ID-SC-100-K**

## Inaba Denko



## External 100mm Trunking

The NEW range of 100mm trunking will ensure that the refrigeration pipes from an air source heat pump are protected with a professional finish. Available in ivory and black to match most brands of condensing units available. MIS 3005 requires all external refrigeration pipework on split and hybrid systems to be housed in trunking.

### Features

- Easy to install
- Provides a professional and neat finish
- Made from high grade fade resistant PVC
- Available in ivory and black
- Protection from the elements, accidental damage and pest damage

### Related Products

**Flexi Lite Slab and Foot Kit**

PAGE 21

**ASHP Trunking**

PAGE 44

Part Code Ivory	Part Code Black	Description	Depth	Width
ID-NSD-100-I	ID-SD-100-K	Slimduct 100mm Length of Trunking - 2000mm (2m)	70mm	100mm
ID-SW-100-I	ID-SW-100-K	Slimduct 100mm Wall Cover	70mm	100mm
ID-SJ-100-I	ID-SJ-100-K	Slimduct 100mm Connector Piece	70mm	100mm
ID-SC-100-I	ID-SC-100-K	Slimduct 90 Degree Elbow Bend	70mm	100mm
ID-SK-100-I	ID-SK-100-K	Slimduct 90 Degree Flat Bend	70mm	100mm



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## Rotary Enclosed Isolators

Weatherproof 3 and 4 pole rotary isolators, suitable for isolating power supplies to outdoor air source heat pumps.

### Features

- Weatherproof to IP65
- M20/25 knockouts up to 63A
- Handle lockable in off position
- Interlocked cover – removable in off position only
- Earth and neutral terminals included
- Captive, retained cover screws
- Conforms to IEC 60947-3

### Related Products

**Guards** PAGE 29-34

**Brackets** PAGE 25-27

### The Package

- Rotary Enclosed Isolator •

Part Code	No. of Poles	Amps AC21	AC23 A 240VA	AC23 A 400VA	Cable Capacity		Height	Width	Depth
					Solid	Stranded			
IS-3P-20A	3	20 Amp	5.5 kW	3.7 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	175mm	114mm	135mm
IS-3P-32A	3	32 Amp	11 kW	7.5 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	175mm	114mm	135mm
IS-3P-40A	3	40 Amp	15 kW	11 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	175mm	114mm	135mm
IS-3P-63A	3	63 Amp	22 kW	18.5 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	175mm	114mm	135mm
IS-4P-20A-S	4	20 Amp	5.5 kW	3.7 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	125mm	100mm	120mm
IS-4P-20A	4	20 Amp	5.5 kW	3.7 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	175mm	114mm	135mm
IS-4P-32A-S	4	32 Amp	11 kW	7.5 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	125mm	100mm	120mm
IS-4P-32A	4	32 Amp	11 kW	7.5 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	175mm	114mm	135mm
IS-4P-40A	4	40 Amp	15 kW	11 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	175mm	114mm	135mm
IS-4P-63A	4	63 Amp	22 kW	18.5 kW	1-16mm <sup>2</sup>	0.75-10mm <sup>2</sup>	175mm	114mm	135mm



**Fused Spur  
with Back Box  
and Neon - Metal Clad**



**Fused Spur  
with Back Box  
and Neon - Plastic**



Fixings

## Fused Spur with Back Box

A range of metal or plastic fused spurs with back boxes. Four part codes available within the range. Available with or without neon in two sizes of back boxes.

Part Code	Description	Quantity
X-FSBBMC	Fused Spur with Back Box – Metal Clad	1
X-FSNBBMC	Fused Spur with Back Box and Neon – Metal Clad	1
X-FSNBBSM-25	Fused Spur with Back Box and Neon – 25mm Plastic Back Box	1
X-FSNBBSM-32	Fused Spur with Back Box and Neon – 32mm Plastic Back Box	1



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## Smell Buster



Partners

## Odour Elimination Products

When smell is an issue, throw away that peg and use the Diversitech Smell Buster range of elimination products. This is a unique odour elimination set of products which is not a cover up perfume, but actually removes unpleasant smells from the air circulating around the unit. It eliminates odours caused by smoke, mould, mildew, cat litter and pets, as well as noxious smells created by ammonia, hydrogen sulphide and other chemicals. This easy to use range has a pleasant, fresh smell.

Part Code	Description	Quantity	Suitable for Use on...
SMELL-BUSTER-SMALL	Smell-Buster – 12g tablets – 10 pack	10 x 12g	Odour Elimination in RAC Systems
SMELL-BUSTER	Smell-Buster – 60g tablets – 2 pack	2 x 60g	Odour Elimination in RAC Systems
SMELL-BUSTER-8	Smell-Buster – 225g tub	1 x 225g	Odour Elimination in RAC Systems
G2G-SMELL-BUSTER	Liquid Smell-Buster – 1 litre spray	1 litre	Odour Elimination in RAC Systems



2602



1002



Partners

## Sprayers

Spraying cleaners onto coils is simple with our range of compression and hand held sprayers. Available to hold up to 11.4 litres of fluid.

Part Code	Description	Capacity
1002	Hand Held Sprayer	1.4 litres
2601	1 Gallon Compression Wand Sprayer	3.8 litres
2602	2 Gallon Compression Wand Sprayer	7.4 litres
2603	3 Gallon Compression Wand Sprayer	11.4 litres





## Aerosols

Pump House have recently produced a range of own-brand aerosol cleaners. These professional aerosols are the perfect blend of high performance and excellent economy. The range includes a universal coil cleaner and disinfectant, a case and hard surface cleaner along with a leak detector spray.

Part Code	Description	Quantity	Suitable for Use on...
AER-O-500	Solvent Based Outdoor Coil Cleaner	500ml	Cleaning Condensers
AER-F-600	Foaming Outdoor Coil Cleaner	600ml	Cleaning Condensers
AER-I-600	Indoor Coil Cleaner with Disinfectant	600ml	Cleaning and Disinfecting Indoor Coils
AER-B-500	Bubble Up Leak Detector Spray	500ml	Detecting Leaks on Pipework and Equipment
AER-C-600	Case and Diffuser Cleaner	600ml	Cleaning of Casework and Hard Plastics
AER-D-600	Dual Purpose Coil Cleaner	600ml	Cleaning of Indoor and Outdoor Coils
ZAP-UNIV	Pro-Universal Aerosol	562ml	Cleaning of Indoor and Outdoor Coils
FRESH-COIL-GB	Coil Cleaner and Deodoriser with Nozzle and Applicator Hose	445ml	Cleaning and Deodorising Indoor Coils



## Gallo Gun



## Drain

## Line Cleaner

Blocked drain line? No problem with a Gallo-Gun! The DiversiTech Gallo Gun is a lightweight portable tool designed to unblock condensate drain lines and other pipe work instantly. Simply insert a CO<sup>2</sup> cartridge into the Gallo Gun and with a press of the trigger and SWOOSH, 800psi of food grade CO<sup>2</sup> blows the blockage out – job done!

### Features

- Small and Lightweight to handle
- Quick and easy to use with no mess
- Uses Environmentally Friendly CO<sub>2</sub>
- Flexible hose for hard to reach areas
- Safety catch to prevent accidental discharge
- Optional 3 piece adaptor kit available

Part Code	Description	Quantity	What's in the Package
GG-1	Gallo Gun Drain Line Cleaner	1	1 Gallo Gun Drain Line Cleaner
GGC-6C	Pack of 6 CO <sup>2</sup> Cartridges	6	6 Single Use CO <sup>2</sup> Cartridges
GG-1A	Adaptor Kit	1	3 Adaptors for Larger Tubes, Oil Lines and 90° Angles
GG-1H	Hose Assembly	1	Hose Assembly



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Fixings



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### Cool-Weld™ Heat Barrier Spray

Cool-Weld™ is a spray-on gel heat shields for soldering, sweating and welding. Ideal for use on filter driers pipes, valves, sheet metal, etc. Can be used on porous surfaces such as fabrics and dry wall. As long as there is Cool-Weld™ present the surface will resist charring.



### Expanding Foam Sealant

A one component closed-cell expanding polyurethane foam sealant that is tack free in 20 minutes. Can be painted to prevent UV damage after 12 hours of drying time. Used to seal around doors, windows, pipes, ducts and vents - in fact it can be used virtually anywhere.



### Diversi-Gum Sealing Compound

Diversi-Gum is a non-hardening, non-corrosive sealing compound that is immediately paintable and has a temperature usage range between of -4°C to 49°C. It is ideal for sealing openings through foundations or refrigeration pipe entries.

#### Features

- Eliminates heat transfer to surrounding areas
- Wets and completely protects sensitive areas
- Safe, non-toxic and non-corrosive
- Odourless and non-staining

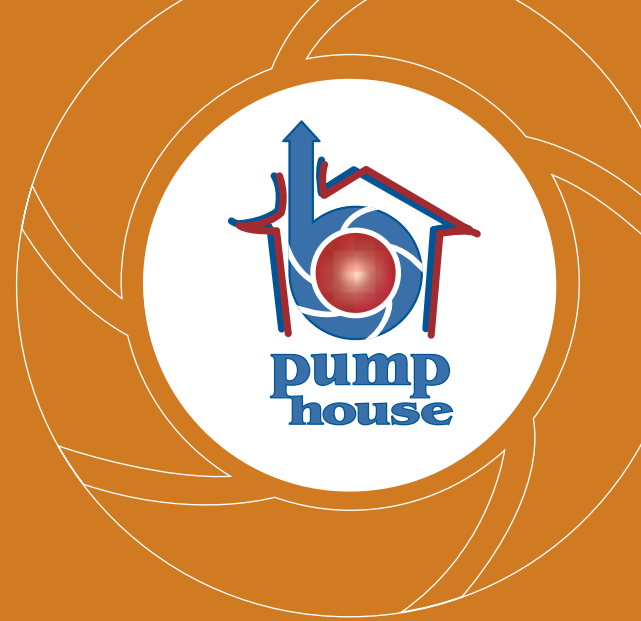
#### Features

- Tack free in 20 minutes - full cure in 12 hours
- Non-toxic when cured and paintable
- One component closed cell expanding sealant

#### Features

- Non-hardening sealant
- Temperature usage range -25° to 120°F (-4° to 49°C)
- Non-corrosive and immediately paintable

Part Code	Description	Pack Quantity	Quantity
COOL-WELD-32	Cool-Weld Heat Barrier Gel Spray	12	1
01714	Foam Sealant (355ml)	12	1
01724	Foam Sealant (591ml)	12	1
6-202-1	DiversiGum (0.5kg) Slug	24	1
6-202-2	DiversiGum (1kg) Slug	20	1



# Plastic Fittings and Fixings

## Meet the Team...



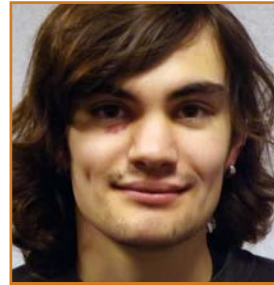
**Jon Boycott**  
Product Manager



**Jodie Watson**  
Sales  
Representative



**Cheryle Pendleton**  
Warehouse  
Operative



**Sam Davies**  
Warehouse  
Operative



**Gordon Owen**  
Warehouse  
Operative

### Section 4

Channel Slotted Strut / Cable Tray	53
Plastic Pipe Fittings / Clips and PVC Cement	54
Plastic Pipe Clamps / Non-Return Valves / Strap On Boss	55

# NEW & EXCLUSIVE



Fixings



## Channel Slotted Strut

Page 53

Channel is a support system manufactured in steel. It is designed to aid the installation and support of many items including electrical cables, air conditioning units, ductwork and more.



Fixings



## Cable Tray and Accessories

Page 53

Cable is widely used throughout many installations of all kinds of equipment. This can be heating and ventilation, air conditioning or electrical. It is also widely used to support cables, pipes and trays.



## Strap On Boss

Page 55



Fixings

Using a strap on boss allows you to add a condensate drain pipe to a soil and vent pipe. For adding a waste connection into an existing PVCu and cast iron soil pipe. For use with 32mm or 40mm pipes. Must be solvent welded into position.



## Plastic Pipe Clamps

Page 55

These pipe clamps are designed to connect overflow or waste hose pipe to an existing 32mm (1-1/4") or 40mm (1-1/2") pipe.





## Fixings



## Channel Slotted Strut

Channel Slotted Strut can be used to make up a support system which is designed to aid the installation and support of many items including air conditioning, ductwork, electrical cables, drains and more.

Part Code	Description
X-CH4121-1.5-3M	Channel 41mm x 21mm x 1.5mm x 3 metres
X-CH4121-2.5-3M	Channel 41mm x 21mm x 2.5mm x 3 metres
X-CH4141-1.5-3M	Channel 41mm x 41mm x 1.5mm x 3 metres
X-CH4141-2.5-3M	Channel 41mm x 41mm x 2.5mm x 3 metres



## Fixings



## Cable Tray

Cable Tray is widely used in many installations of all kinds of equipment. This may be heating and ventilation, air conditioning and electrical. It can be used to support cables, pipes and drains.

Part Code	Description
X-CTMD-PG-75-3M	Cable Tray Medium Duty – 75mm Pre-Galv. x 3 metres
X-CTMD-PG-100-3M	Cable Tray Medium Duty – 100mm Pre-Galv. x 3 metres
X-CTMD-PG-150-3M	Cable Tray Medium Duty – 150mm Pre-Galv. x 3 metres
X-CTMD-PG-225-3M	Cable Tray Medium Duty – 225mm Pre-Galv. x 3 metres
X-CTMD-PG-300-3M	Cable Tray Medium Duty – 300mm Pre-Galv. x 3 metres
X-CTMD-PG-450-3M	Cable Tray Medium Duty – 450mm Pre-Galv. x 3 metres
X-CTMD-PG-600-3M	Cable Tray Medium Duty – 600mm Pre-Galv. x 3 metres

Available in light, heavy and hot dipped galvanised versions.



Easy-Fit



Fixings



Flexi



Install +



Partners



PH Family PH Motors



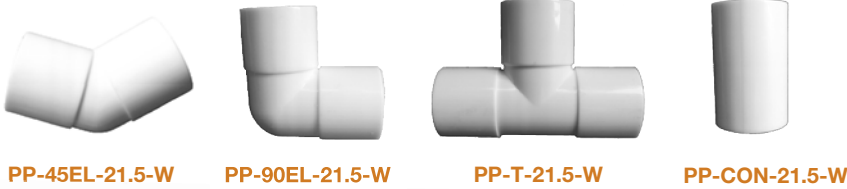
Portable



Service +



Squeazy



X-SOLCEM

## Fixings



Fixings

Plastic Pipe Fixings and PVC Pipe Cement

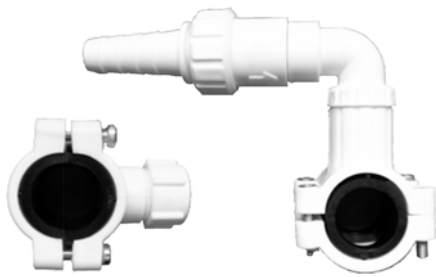
PP-CL-32-W PP-CL-32-W PP-CL-32-G

Part Code - White	Part Code - Black	Description	Quantity
PP-PIPE-21.5-W	PP-PIPE-21.5-B	Plastic Pipe - 21.5mm pipe	3 metre length

Part Code - White	Part Code - Black	Description	Quantity
PP-90EL-21.5-W	PP-90EL-21.5-B	Plastic Pipe - 90 degree elbow 21.5mm pipe	Pack of 10
PP-45EL-21.5-W	PP-45EL-21.5-B	Plastic Pipe - 45 degree elbow 21.5mm pipe	Pack of 10
PP-CON-21.5-W	PP-CON-21.5-B	Plastic Pipe - straight connector 21.5mm pipe	Pack of 10
PP-T-21.5-W	PP-T-21.5-B	Plastic Pipe - T connector 21.5mm pipe	Pack of 10

Part Code	Description	Quantity
X-SOLCEM	Solvent Cement - 250ml	1

Part Code - White	Part Code - Black	Part Code - Grey	Description	Quantity
PP-CL-15-W			Plastic Pipe - Clip 15mm	Pack of 100
PP-CL-22-W			Plastic Pipe - Clip 22mm	Pack of 100
PP-CL-28-W			Plastic Pipe - Clip 28mm	Pack of 100
PP-CL-32-W	PP-CL-32-B	PP-CL-32-G	Plastic Pipe - Clip 32mm	Pack of 10
PP-CL-40-W	PP-CL-40-B	PP-CL-40-G	Plastic Pipe - Clip 40mm	Pack of 10



PP-CL-21.5-W-32-40

PP-UNI-CL-W-32-40



PP-21.5-NRV



## Plastic Pipe Clamps & Non Return Valves

These pipe clamps are designed to connect overflow or waste hose pipe to an existing 32mm (1-1/4") or 40mm (1-1/2") pipe.

Part Code	Description
PP-CL-21.5-W-32-40	Pipe Clamp Kit - 21.5mm overflow to 32mm (1-1/4") and 40mm (1-1/2")
PP-UNI-CL-W-32-40	Pipe Clamp - hose connector 32mm (1-1/4") and 40mm (1-1/2")

To avoid waste water flowing back up pipework our non-return valves can be used on overflow pipe or waste hose pipe.

Part Code	Description
PP-21.5-NRV	Non-return valve for 21.5mm overflow pipe
PP-UNI-NRV	Non-return valve with hose fitting



PP-SOBOSS-110-B-40



PP-SOBOSS-110-G-40



## Strap On Boss

Using a strap on boss allows you to add a condensate drain pipe to a soil and vent pipe. For adding a waste connection into an existing PVCu and cast iron soil pipe. For use with 32mm or 40mm pipes. Must be solvent welded into position.

Part Code	Description
PP-SOBOSS-110-G-32	Strap on boss - 110mm pipe with 32mm (1-1/4") rubber - Grey
PP-SOBOSS-110-G-40	Strap on boss - 110mm pipe with 40mm (1-1/2") rubber - Grey
PP-SOBOSS-110-B-32	Strap on boss - 110mm pipe with 32mm (1-1/4") rubber - Black
PP-SOBOSS-110-B-40	Strap on boss - 110mm pipe with 40mm (1-1/2") rubber - Black

# EMERGENCY

# ON CALL



# TEL:

2016/2017

Pump House, Glaisdale Drive East, Nottingham NG8 4LY ☎ 0115 900 5858

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