



PRODUCT SPECIFICATION

Manufacturer: Big Foot Systems

Product Name: Fix-it Foot



Product Summary

Mini Split condenser support; pipework, ductwork and cable tray support.

Product Description

Fix-it Foot & High Bloc

The Big Foot Systems Fix-it Foot offers a neat and simple solution for supporting ancillaries including ducts, pipes, cable trays and most major manufacturer's mini split condensing units. The High Bloc fits underneath the Fix-it Foot, allowing the user to increase the clearance height by an additional height of 120mm (4 23/32in). Recommended foot spacing of 1 - 1.5m.

Mini Split Kits

A boxed kit containing a pair of Fix-it Feet complete with M10 fast fix fixing bolts and channel nuts. Ideal for supporting small condensing units on ground level and in wind protected environments.

Features/ benefits

- Non penetrative load management.
- Cost effective, pre-fabricated support system.
- Durable recycled rubber, with increased stability.
- Quick to install, robust and secure.

Standards

Constructed to:

- BS8000-4: Workmanship on building sites. Code of practice for waterproofing.
- BS6229: Code of practice for flat roofs with continuously supported coverings.
- Building Regulations (E & W) Part L: Conservation of Fuel and Power.
- BS EN 1850-1: Determination of visible defects.
- BS EN 1107-1: Flexible sheets for waterproofing. Determination of dimensional stability.

Material Specification:

- Aluminium alloy 6061
- Rubber crumb foot: SBR recycled rubber BS 7188 and BS 5696-3
- Salt mist testing: BS EN 60068-2-52.
- Test Kb severity 1.

Design Considerations

Aluminium channel securely anchored to the top of every Fix-it Foot for easy method of fixing. The channel mimics industry standard 41x41mm (1 39/64 x 1 39/64in) or 41x21mm (1 39/64 x 53/64in) strut channels, allowing for mechanical fixing of standardised bolts and channel nuts.

Design Load:

Design loads are based upon rigorous load tests carried out for every Fix-it Foot and High Bloc variation, which includes a built-in factor of safety for each. Design loads recommended by Big Foot should not be exceeded.

Wind Loading:

Suitable for wind protected environments only.

Roof Surface:

Suitable for any roof surface including but not limited to PVC membrane, mastic asphalt, insulation and concrete roof finishes.

Working Conditions:

Suitable for internal or external applications in temperatures between -40°C to +80°C.

Marine Environment:

Salt mist test conducted in accordance with ASTM B117-11 to simulate an accelerated environmental test. The results validate the 10 year product guarantee issued by Big Foot Systems.

Foot Pressure & UDL (Roof Load):

Allowable foot pressure and roof load will be subject to roof build-up, typically detailed by a structural engineer. Big Foot Systems work to a maximum foot pressure and UDL of 20kN/m2 and 7.5kN/m2 respectively.

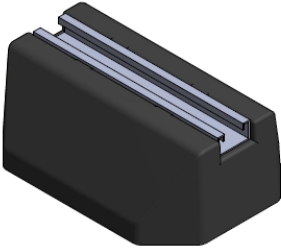
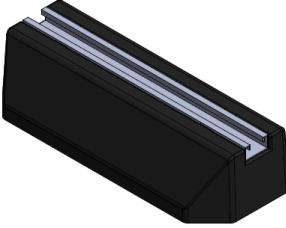
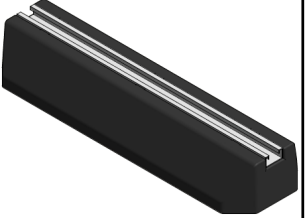
Where to buy:


Available to buy off the shelf from any partner wholesalers across the country. The link below provides the location of every wholesalers in the UK.
<http://www.bigfootsupport.com/distributors>

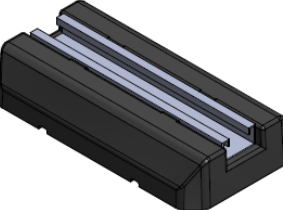
Options

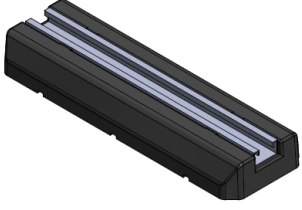
Foot Fleeces: Recommended use between PVC or asphalt roof membrane surfaces and the rubber foot to prevent migration of plasticizers.

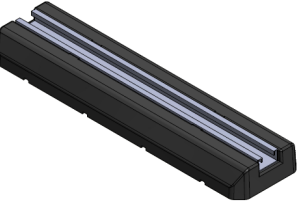
- B9158—Foot Fleece 250mm (9 27/32in)
- B9159—Foot Fleece 400mm (15 3/4in)
- B9160—Foot Fleece 600mm (23 5/8in)
- B9369—Foot Fleece 1000mm (39 3/8in)


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|--------------------------------|--------|---------|---|--------------------------------|--------|--------------|---|--------------------------------|--------|---------|---|
| B6735 - Fix-it Foot 250 | | |  | B6736 - Fix-it Foot 400 | | |  | B6737 - Fix-it Foot 600 | | |  |
| Length | mm | 250 | | Length | mm | 400 | | Length | mm | 600 | |
| | Inches | 9 27/32 | | | Inches | 15 3/4 | | | Inches | 23 5/8 | |
| Width | mm | 180 | | Width | mm | 180 | | Width | mm | 180 | |
| | Inches | 7 3/32 | | | Inches | 7 3/32 | | | Inches | 7 3/32 | |
| Height | mm | 95 | | Height | mm | 95 | | Height | mm | 95 | |
| | Inches | 3 47/64 | | | Inches | 3 47/64 | | | Inches | 3 47/64 | |
| Weight | kg | 2.4 | Weight | kg | 3.5 | Frame Weight | kg | 5.8 | | | |
| | lbs | 5.3 | | lbs | 7.8 | | lbs | 12.7 | | | |
| Design Load | kg | 82 | Design Load | kg | 128 | Design Load | kg | 224 | | | |
| | lbs | 181 | | lbs | 282 | | lbs | 494 | | | |

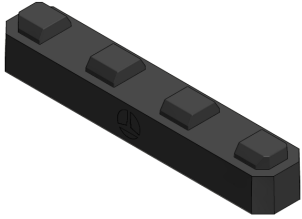
| | | | |
|---------------------------------|--------|---------|---|
| B9096 - Fix-it Foot 1000 | | |  |
| Length | mm | 1000 | |
| | Inches | 39 3/8 | |
| Width | mm | 180 | |
| | Inches | 7 3/32 | |
| Height | mm | 95 | |
| | Inches | 3 47/64 | |
| Frame Weight | kg | 9.9 | |
| | lbs | 21.9 | |
| Design Load | kg | 295 | |
| | lbs | 650 | |

| | | | |
|------------------------------------|--------|---------|---|
| B9043 - Fix-it Foot Low 250 | | |  |
| Length | mm | 250 | |
| | Inches | 9 27/32 | |
| Width | mm | 130 | |
| | Inches | 5 1/8 | |
| Height | mm | 50 | |
| | Inches | 1 31/32 | |
| Weight | kg | 1.3 | |
| | lbs | 2.9 | |
| Design Load | kg | 82 | |
| | lbs | 181 | |

| | | | |
|------------------------------------|--------|---------|---|
| B9045 - Fix-it Foot Low 400 | | |  |
| Length | mm | 400 | |
| | Inches | 15 3/4 | |
| Width | mm | 130 | |
| | Inches | 5 1/8 | |
| Height | mm | 50 | |
| | Inches | 1 31/32 | |
| Weight | kg | 2.1 | |
| | lbs | 4.5 | |
| Design Load | kg | 128 | |
| | lbs | 282 | |

| | | | |
|------------------------------------|--------|----------|--|
| B9368 - Fix-it Foot Low 500 | | |  |
| Length | mm | 500 | |
| | Inches | 19 11/16 | |
| Width | mm | 130 | |
| | Inches | 5 1/8 | |
| Height | mm | 50 | |
| | Inches | 1 31/32 | |
| Weight | kg | 2.5 | |
| | lbs | 5.4 | |
| Design Load | kg | 134 | |
| | lbs | 295 | |

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|------------------------------|--------|---------|--|
| B6974 - High Bloc 600 | | |  |
| Length | mm | 600 | |
| | Inches | 23 5/8 | |
| Width | mm | 180 | |
| | Inches | 7 3/32 | |
| Height | mm | 120 | |
| | Inches | 4 23/32 | |
| Frame Weight | kg | 10.2 | |
| | lbs | 22.4 | |
| Design Load | kg | 224 | |
| | lbs | 494 | |

| | | | |
|-------------------------------|--------|---------|--|
| B6973 - High Bloc 1000 | | |  |
| Length | mm | 1000 | |
| | Inches | 39 3/8 | |
| Width | mm | 180 | |
| | Inches | 7 3/32 | |
| Height | mm | 120 | |
| | Inches | 4 23/32 | |
| Frame Weight | kg | 17.7 | |
| | lbs | 38.9 | |
| Design Load | kg | 295 | |
| | lbs | 650 | |



Mini Split Kit
 Boxed kit including M10 fixings, quick and simple to install.
 Available in 2 sizes:

- B9284—600mm (23 5/8in)
- B9530—1000mm (39 3/8in)



Installation and application considerations should include health, safety and environmental needs, regulations and standards, codes of practice, climate conditions, installation location, product orientation, evaluation of the roof structure, composition, surface and condition, ancillary and complementary products and materials. Big Foot Systems recommend that all rooftop products are handled and installed by suitably qualified persons. All scheme designs are based on the use of Big Foot Systems' products and materials only.
 Terms and conditions available on request

TITLE:
 Fix-it Foot Product Specification Sheet

DWG No.
 BFT-FIF.dwg

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