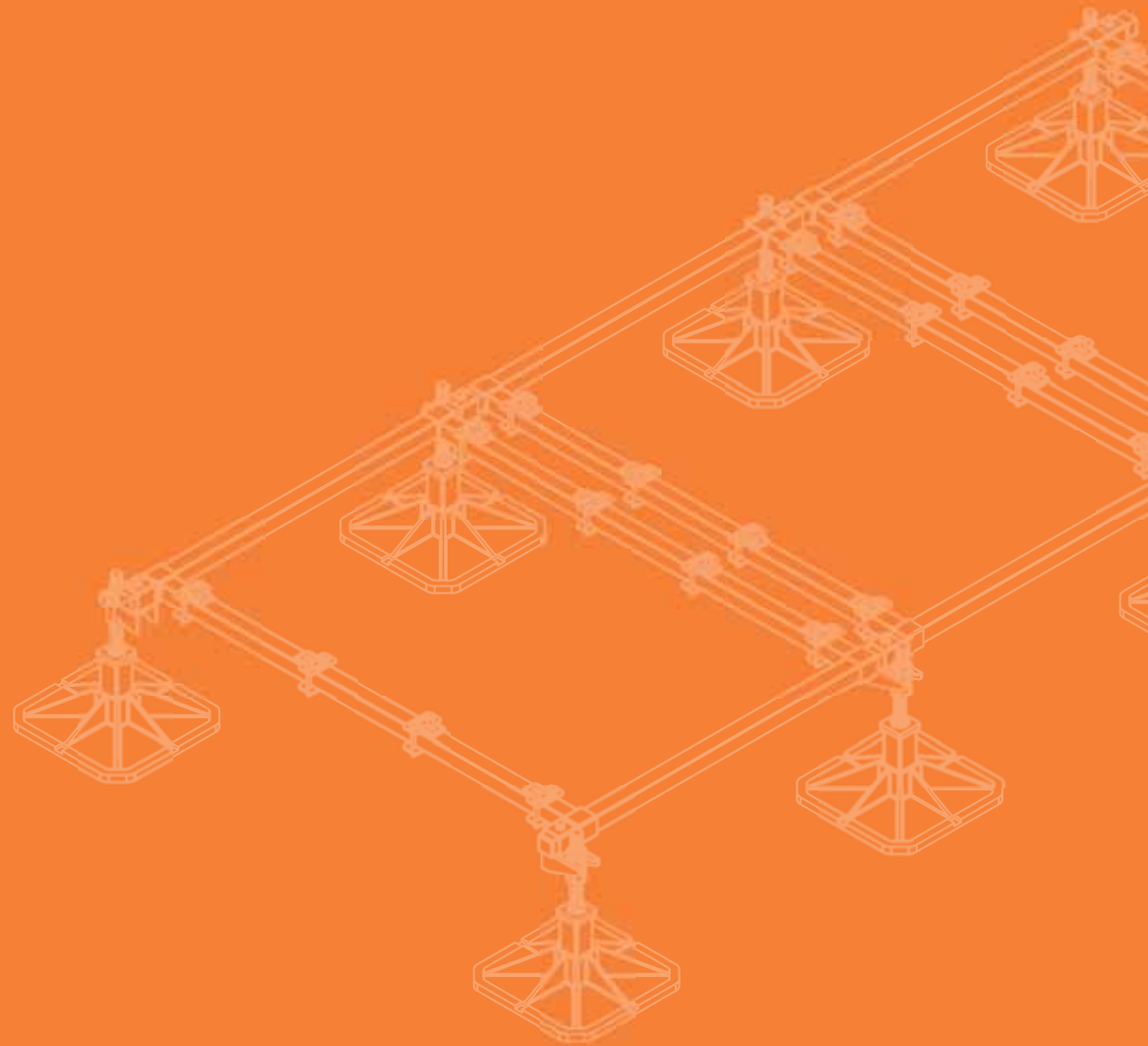
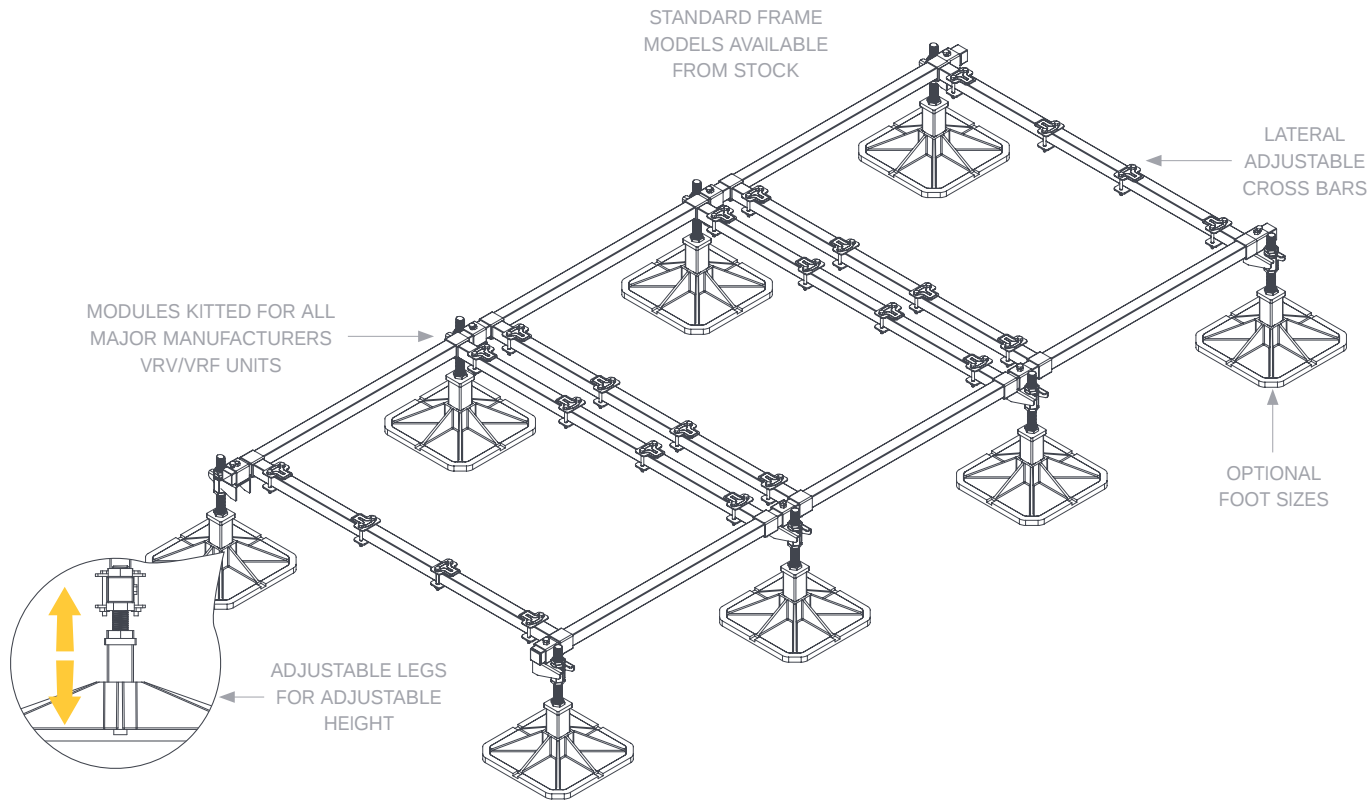




Light Duty Support

The Big Foot Systems Light Duty range offers an array of solutions to support a variety of air handling units and air conditioning systems. Many larger air handling units are made up of several sectional components that can be individually crane lifted directly onto rooftops. Frame kits for most major manufacturer's VRV/VRF units are available from stock.





PRODUCT NAME

Big Foot VRV / VRF Frame

TYPICAL APPLICATION

VRV / VRF Systems

FEATURES & BENEFITS

- Non penetrative load management
- Cost effective, pre-fabricated support system
- Versatile modular frameworks
- Quick to install, robust and secure
- Building regulation compliant
- Optional independent warranty available

CONTACT

+44 (0)1323 844 355

technical@bigfootsystems.co.uk

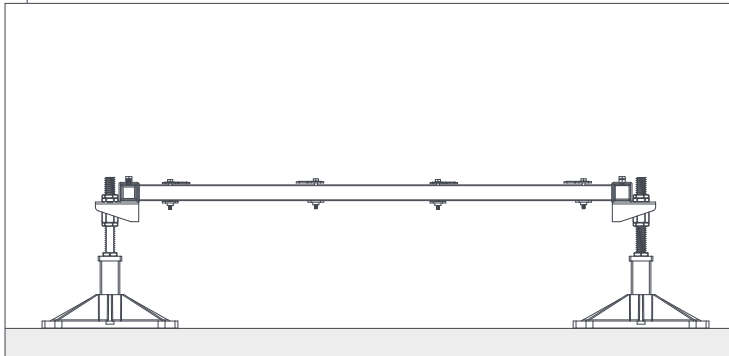
Big Foot Systems Ltd
Apex Way Hailsham
East Sussex BN27 3WA
United Kingdom
www.bigfootsystems.co.uk



✗ TRADITIONAL SUPPORT



✓ DESIGN DETAIL



✓ BIG FOOT SYSTEM



Big Foot VRV / VRF Modular Frame

Typical Application

Developed for the siting of most major manufacturers VRV/VRF systems. This lightweight and easily assembled Modular Frame system is quick to install and provides a robust and secure method of support.

Manufacturers units currently covered include Mitsubishi, Hitachi, Daikin and Toshiba. For further details contact the Big Foot Systems Technical Office on 01323 844355.

Provision for associated services has been incorporated in the framework design.

Kit Includes

- Adjustable leg assemblies
- Feet and Anti-Vibration Mats
- AC clamp kits
- Adjustable cross bars
- 40mm x 40mm box section end bars
- Site assembly instructions

PLEASE NOTE: Quantities and sizes within the kit are unit dependent.

Product Details

ANGLED AV MATS

The solution to sloping roofs. 2.5° & 5° AV mats are available for 450mm feet.

LEG HEIGHT ADJUSTMENT

255mm – 360mm: floor to top of framework (255mm – 560mm: stepped roof option)
Large Stud (440mm) can be purchased as an extra individual component if required.

LINEAR ADJUSTMENT

The cross-bars which support the condenser units can slide along the plain bars into the position required, then are locked securely in place.

CONDENSER CLAMPS

The repositionable clamps located on both sides of the cross-bars, locking down onto the feet of the condensor units as they are tightened.

LEG AND BRACKET POSITIONING

The leg and bracket are usually positioned outside the framework, but can be positioned inside if there is an obstruction or the load dictates.

FEET FLEECES

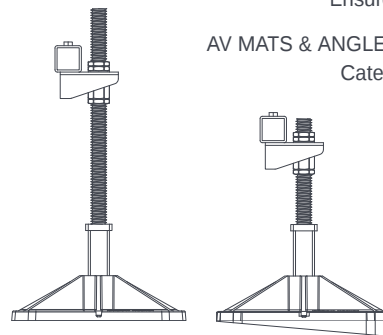
Recommended for use on PVC membrane roof surfaces to prevent migration of plasticizers.

BIG FOOT ADJUSTABLE LEGS

Ensure level siting

AV MATS & ANGLED AV MATS

Cater for roof fall



Material Specification

PLASTIC FOOT

Nylon 6 B601L 30% Glass Fibre Filled

ANTI-VIBRATION MAT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 & BS5696 Part 3:1979

METAL FRAMEWORK

Hot Dip Galvanised Mild Steel: BS EN 10219 1:1997. Welding Standard: BS EN ISO 15614-1.
Galvanising: BS EN ISO 1461:1999
Salt Mist Testing: BSEN60068-2-52
Test Kb Severity 1

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -30°C to +80°C

Regulations and Standards

- BS8000-4:1989 : Workmanship on building sites. Code of Practice for waterproofing
- BS6229:2003 : Code of Practice for flat roofs with continuously supported coverings
- BS EN 1107-1:2000 : Flexible sheets for waterproofing. Determination of dimensional stability
- BS EN 1850-1:2000 : Determination of visible defects
- BS 747:2000 : Reinforced bitumen sheets for roofing
- Building Regulations Part L : Conservation of Fuel & Power

Specification Reference

The contractor will use Big Foot Systems (Tel. +44 (0) 1323 844 355).

Modular Frames for the support of the equipment as recognised by Big Foot Systems in conjunction with the VRV/VRF manufacturers weight and dimensional details provided.

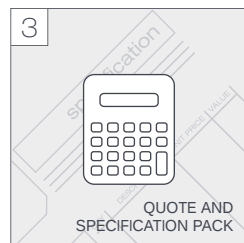
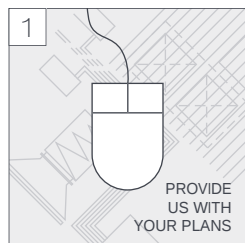
RIBA

RIBA encourages excellence in design, good practice and architectural education and campaigns on important issues such as design standards and sustainability.



AWM Warranty

Big Foot Systems have an independent warranty which is provided by AWM Ltd. Please see warranty terms and conditions on our website for further details.



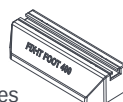
Associated Products



Step Over
Safe personnel access



Fix-it Foot
For supporting light services



Swan Necks
For secure service penetration



Splits Modular Frame

LD Support



DIAGRAM BASED ON A BASIC
3 METRE SYSTEM FRAMEWORK

SYSTEM IS
EXTENDABLE

SPACE FOR
SERVICES

ADJUSTABLE
CROSS BARS

END BARS
40 X 40 SECTION

LEG ASSEMBLIES
WITH AV MATS

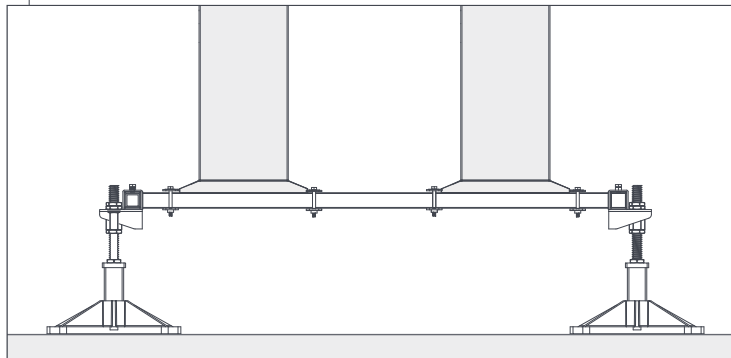
ADJUSTABLE LEGS
FOR ADJUSTABLE
HEIGHT



TRADITIONAL SUPPORT



DESIGN DETAIL



BIG FOOT SYSTEM



PRODUCT NAME

Big Foot Splits Modular Frame

TYPICAL APPLICATION

Air Conditioning Systems

FEATURES & BENEFITS

- Non penetrative load management
- Cost effective, pre-fabricated support system
- Versatile modular frameworks
- Quick to install, robust and secure
- Building regulation compliant
- Optional independent warranty available

CONTACT

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Big Foot Splits Modular Frame

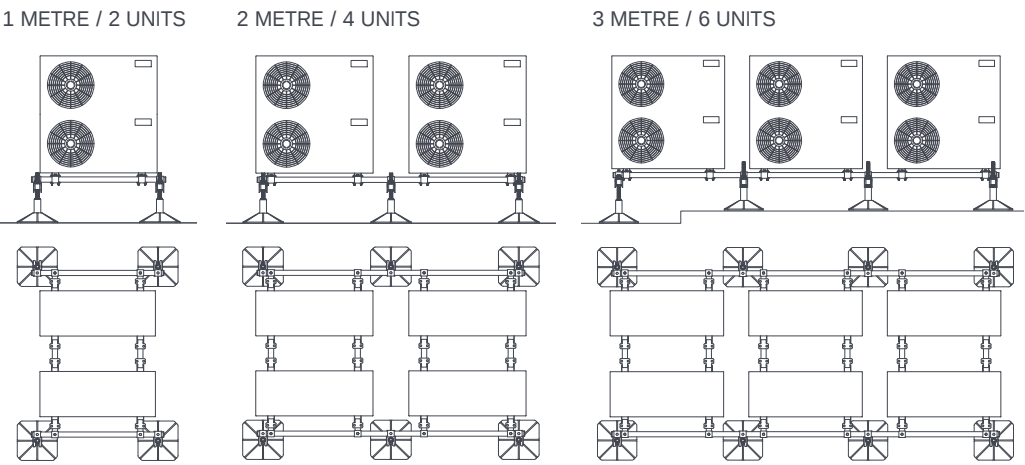
Typical Application

For supporting air conditioning plant on flat roofs. There are three basic modular frameworks available in 1m, 2m and 3m versions. The modular frameworks come with 305mm feet which are provided with anti-vibration mats to fit underneath. The frame is constructed from 40mm x 40mm standard box section. For heavier loads refer to our HD range of products.

Kit Includes

- End bars – 40 x 40 section
- 1.2m Cross bars – 40 x 40 section
- 305mm Leg assemblies with AV mats
- Clamp kits
- Site assembly instructions

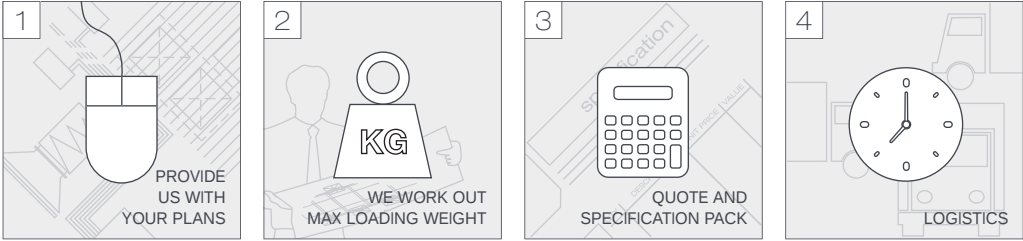
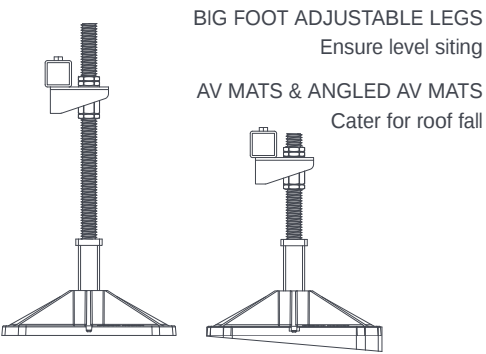
PLEASE NOTE: Quantities and sizes within the kit vary depending on the size of framework required.



Technical Information

Other leg assembly variations for this system are available

Model	Part No.	Height Adjustment (mm)	Overall Length (mm)	Overall Width (mm)	Product Weight (kg)	Max loading (kg)
1 Metre	B6075	255 - 360	1650	1250	42	480
2 Metre	B6077	255 - 360	1650	2250	70	720
3 Metre	B6078	255 - 360	1650	3250	97	960

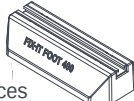


Associated Products

 Safe Access
Step Over
Safe personnel access



 Services Support
Fix-it Foot
For supporting light services



 Services Support
Swan Necks
For secure service penetration



Material Specification

PLASTIC FOOT
Nylon 6 B601L 30% Glass Fibre Filled

ANTI-VIBRATION MAT
SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 & BS5696 Part 3:1979

METAL FRAMEWORK
Hot Dip Galvanised Mild Steel: BS EN 10219 1:1997. Welding Standard: BS EN ISO 15614-1. Galvanising: BS EN ISO 1461:1999. Salt Mist Testing: BSEN60068-2-52 Test Kb Severity 1

WORKING CONDITIONS
Suitable for internal or external applications in temperatures between -30°C to +80°C

Specification Reference

The contractor will use Big Foot Systems (Tel. +44 (0) 1323 844 355).

Splits Modular Frame for the support of the air conditioning units. Supplied complete with adjustable leg assemblies and cross-bars.

RIBA

RIBA encourages excellence in design, good practice and architectural education and campaigns on important issues such as design standards and sustainability.



AWM Warranty

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