



Big Foot Systems Ltd

n5Plus



## Big Foot Light Duty

By Big Foot Systems Ltd

### Detailed description

The Big Foot Systems Light Duty range offers an array of solutions to support a variety of air handling units and air conditioning systems. Frame kits for most major manufacturer's mini splits, heat pumps and VRV/ VRF units are available from stock.

#### Big Foot Splits Modular Frame:

For supporting air conditioning plant on flat roofs. As standard There are three basic modular frameworks available in 1, 2 and 3 m versions. The modular frameworks come with 305 mm or 450mm feet which are provided with anti-vibration mats. The frame is constructed from 40 x 40 mm box section. For heavier loads refer to Big Foot's HD range of products.

#### Big Foot VRV/ VRF Modular Frame:

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

#### Features/ benefits:

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

#### 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.
- BS EN 1107-1: Flexible sheets for waterproofing. Determination of dimensional stability.
- BS EN 1850-1: Determination of visible defects.
- Building Regulations (E & W) Part L: Conservation of Fuel and Power.

### Product guidance - As Standard

#### Components:

- 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. BS 7188 and BS 5696-3.

- Metal framework:

- Hot dip galvanized carbon steel: BS EN 10219-1. Welding standard: BS EN ISO 15614-1.
- Galvanizing: BS EN ISO 1461.
- Salt mist testing: BS EN 60068-2-52
- Test Kb severity 1.

## Options

Product reference:

- B6075:

- Height adjustment: 255–360 mm.
- Overall size (l x w): 1650 x 1250 mm.
- Maximum loading: 480 kg.

- B6077:

- Height adjustment: 255–360 mm.
- Overall size (l x w): 1650 x 2250 mm.
- Maximum loading: 720 kg.

- B6078:

- Height adjustment: 255–360 mm.
- Overall size (l x w): 1650 x 3250 mm.
- Maximum loading: 960 kg.

- VRV/ VRF Modular Frame:

Angled AV mats:

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

Leg height adjustment:

255–360 mm: Floor to top of framework (255–560 mm: Stepped roof option). Large stud (440 mm) 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 condenser 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.

**Product specification**

Manufacturer

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- Product reference
- Big Foot Splits Modular Frame, B6075 - 1 m.
  - Big Foot Splits Modular Frame, B6077 - 2 m.
  - Big Foot Splits Modular Frame, B6078 - 3 m.
  - Big Foot VRV/ VRF Modular Frame