



INTRODUCING **FLEXI MODULAR FRAMEWORK**

FOR THE COMPLETE VENTILATION SOLUTION



FLEXI MODULAR FRAMEWORK - FOR HEAVY BUILDING SERVICES

Nuaire has been at the forefront of packaged AHU's for over 20 years, designing and manufacturing market leading ranges and we can now supply robust Flexi Modular Frameworks, which are particularly suitable as a replacement for traditional concrete plinths or for assisting in direct load transfer. The frameworks are ideal for mounting the air handling units from our BOXER and XBOXER ranges.

The Flexi Light Frameworks on page 4 are more suited for mounting a wide range of equipment that falls outside the standard frame range.

FEATURES & BENEFITS

FLEXI HEAVY MODULAR FRAMEWORKS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot dip galvanised frameworks
- Fully adjustable to roof falls
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services

MATERIAL SPECIFICATION

- **FEET** - 500 x 500mm squared UV stabilised 90% polypropylene, 10% GRP
- **MAT** - 100% natural rubber, (mat is adhered to the foot)
- **LEGS** - 48mm dia. 3mm steel tube with M24 stud adjuster and 3mm thick U-clevis to top
- **END BARS** - 50 x 50 x 5mm SHS (square hollow section)
- **CROSS BARS** - 50 x 50 x 5mm SHS with optional mounting plate if required (e.g. specify F-TQ-ADJ-D for the mounting plate)
- **FINISH** - Hot dip galvanised steelwork BS EN 10219:1997. Galvanising: BS EN ISO 1461:1999. Salt mist testing: BS EN 60068-2-52

1. HEAVY QUAD FRAMES

Suitable for heavier building services such as large air handling units, chillers and packaged plantrooms.

Quads are particularly useful as a direct replacement for traditional concrete plinths as they can be re-positioned to accommodate late design changes.



▲ Typical air handling unit support utilising Flexi Quad Frames.

Part Code	Description	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Max Load (kg)*
F-QUAD-500	Flexi Quad (non-adjustable leg)	1200	1241	354	63	2000
F-QUAD-500-A	Flexi Quad (adjustable leg)	1200	1241	294 - 424	65	2000
F-TQ-ADJ-S	Single Mounting Plate	250	150	-	1	-
F-TQ-ADJ-D	Double Mounting Plate	250	150	170 (adjustable)	3	-

*Recommended safe working load.

FLEXI MODULAR FRAMEWORK - FOR HEAVY BUILDING SERVICES

2. HEAVY TWIN FRAMES

Suitable for heavier building services such as large air handling units, chillers and packaged plantrooms.

Ideal solution when the criteria to target existing roof beams is necessary. The twin frames can be targeted immediately above to assist direct load transfer to existing roof beams below.



▲ Typical support utilising Flexi Twin Frames.



Code: F-TQ-ADJ-D



Code: F-TQ-ADJ-S

▲ The Flexi Twin/Quad mounting plate is an optional extra. With or without the secondary upper M16 mounting plate.



Part Code	Description	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Max Load (kg)*
F-TWIN-500	Flexi Twin (non-adjustable leg)	1200	500	300	35	1000
F-TWIN-500-A	Flexi Twin (adjustable leg)	1200	500	240 - 370	37	1000
F-TQ-ADJ-S	Single Mounting Plate	250	150	-	1	-
F-TQ-ADJ-D	Double Mounting Plate	250	150	170 (adjustable)	3	-

*Recommended safe working load.

3. HEAVY MODULAR FRAMES

Suitable for heavier building services such as large air handling units, chillers and air cooled condensers.

The unique 'drop on crossbars' offer a faster alternative when erecting the framework compared with some slide-on systems.



▲ Typical BOXER unit support utilising Heavy Modular Frames.



▲ Typical BOXER and XBC unit support utilising Heavy Modular Frames.

Bar Type	SHS Section	Length 1000 (mm)	Length 1500 (mm)	Length 2000 (mm)	Length 2500 (mm)	Length 3000 (mm)
End Bar	50 x 50 x 2.5	F-EB-50-1000	F-EB-50-1500	F-EB-50-2000	-	-
Cross Bar	50 x 50 x 2.5	-	F-CB-50-1500	F-CB-50-2000	-	-
Cross Bar	100 x 50 x 3.2	-	-	F-CB-100-2000	F-CB-100-2500	F-CB-100-3000

FLEXI MODULAR FRAMEWORK - FOR LIGHT BUILDING SERVICES

FEATURES & BENEFITS

FLEXI LIGHT MODULAR FRAMEWORKS

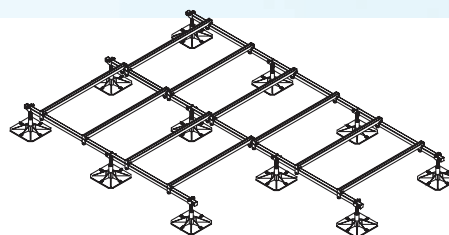
- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot dip galvanised frameworks
- No time consuming clamping clips required, cross bars are industry standard strut fix
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services
- Available with optional grey circular or black square feet

MATERIAL SPECIFICATION

- **FEET** - 365mm dia. or 320mm square UV stabilised 100% polypropylene
- **MAT** - 100% natural rubber, (mat is adhered to the foot)
- **LEGS** - 48mm dia. 3mm steel tube with M24 stud adjuster and 3mm thick U-clevis to top
- **END BARS** - 40 x 40 x 3mm SHS (square hollow section)
- **CROSS BARS** - 41 x 41 x 2.5mm slotted strut with adjustable end clamps
- **FINISH** - Hot dip galvanised steelwork BS EN 10219:1997. Galvanising: BS EN ISO 1461:1999. Salt mist testing: BS EN 60068-2-52

4. LIGHT MODULAR BESPOKE FRAMES

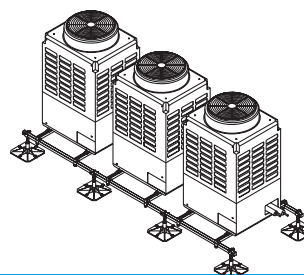
Suitable for irregular shaped building services or where there are limitations due to space restrictions. Industry strut cross bars slide to accommodate any air conditioning fixing feet centres and negate the requirements of time consuming clamping kits.



Part Code	Description	Length (mm)	Width (mm)	Height (mm)	Frame mass (kg)	Max Load (kg)
PH-BF	Flexi Base Frame	1200	1200	300 - 405	30	500
PH-EF	Flexi Extender Frame	1200	1200	300 - 405	24	500
PH-BF-1500	Flexi Base Frame 1500	1500	1500	300 - 405	33	500
PH-EF-1500	Flexi Extender Frame 1500	1500	1500	300 - 405	27	500

5. LIGHT MODULAR FRAMES FOR VRV/VRF SYSTEMS

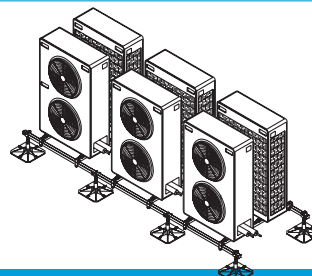
Suitable for VRV/VRF systems, cross bars slide to accommodate VRF fixing feet centres and negate the requirement of time consuming clamping kits. Supplied boxed and come with fully adjustable leg assemblies.



Part Code	Description	VRF Quantity	Length (mm)	Width (mm)	Height (mm)	Frame mass (kg)	Max Load (kg)
PH-2CU	Flexi 1 VRF System	1	1200	1200	300 - 405	30	500
PH-4CU	Flexi 2 VRF System	2	2400	1200	300 - 405	54	1000
PH-6CU	Flexi 3 VRF System	3	3600	1200	300 - 405	78	1500
PH-8CU	Flexi 4 VRF System	4	4800	1200	300 - 405	102	2000

6. LIGHT MODULAR FRAMES FOR SPLIT SYSTEMS

Suitable for a/c split condensers. Cross bars slide to accommodate a/c fixing feet centres and negate the requirement of time consuming clamping kits.



Part Code	Description	A/C Quantity	Length (mm)	Width (mm)	Height (mm)	Frame mass (kg)	Max Load (kg)
PH-2CU	Flexi 2 Condensing System	1 or 2	1200	1200	300 - 405	30	500
PH-4CU	Flexi 4 Condensing System	3 or 4	2400	1200	300 - 405	54	1000
PH-6CU	Flexi 6 Condensing System	5 or 6	3600	1200	300 - 405	78	1500
PH-8CU	Flexi 8 Condensing System	7 or 8	4800	1200	300 - 405	102	2000



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