

QWIK FOOT SUPPORT SYSTEMS FOR HVAC APPLICATION

An ISO 9001-2000
Company



GP SPIRA
DUCT PVT. LTD.

E-mail: info@gpspira.com



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I. H-Frame Kit:

Application:

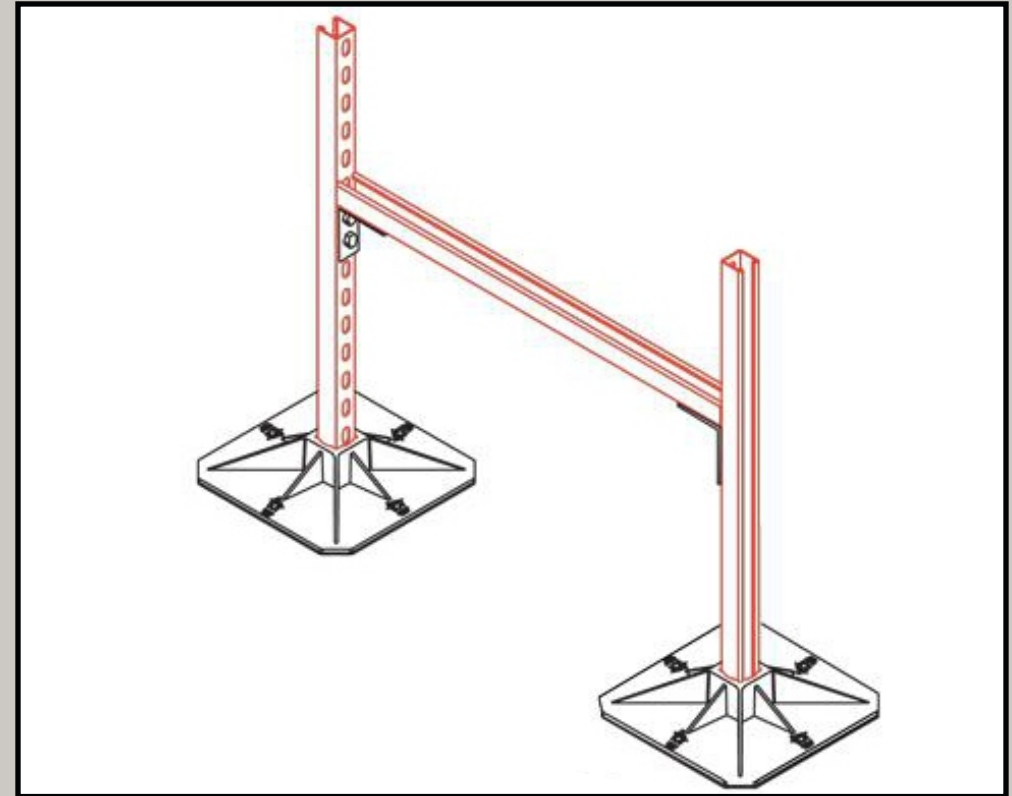
Suitable for installation of duct work including associated sound attenuators.
Small to medium sized pipe works .
Electrical containment(cable trays or cable ladders)

Features & Benefits:

Non-penetrative support.
Flexible design to accommodate late design changes.
Fast and simple installation.
Hot dip galvanized frame work
Rubber mates adhered to feet for additional roof protection.
The kit comes in a box for convenience.
Available as standard 305 mm square foot or 500 mm option for heavy duty application.

Material Specification:

- 1.Foot -305 & 500 mm Square, UV Stabilized, Nylon with glass filled.
- 2.Mat-100% Recycled tyre rubber crump.
- 3.Fixing-M-10 Washers and spring nuts.
- 4.Strut (Frame) and Angle brackets-Mild steel ,hot dip galvanized BS EN ISO 1461:2009 / Hot oven baked powder coted.



Si. No.	Description	Part no.	Foot size(mm)	Weight(kg)	Max Load(kg)
1.	305 mm	GP-HF 305	305	3.65	300
2.	500 mm	GP-HF 500	500	15.0	500

Kit includes:

- Foot: 2 Nos.
- Rubber mat: 2 Nos.
- strut inserts: 2 Nos.
- Brackets & Fixings:2 Nos.
- Assembly instructions: 1 No.

Typical Installation:



II. GROUND SUPPORT RUBBER FOOT

Application:

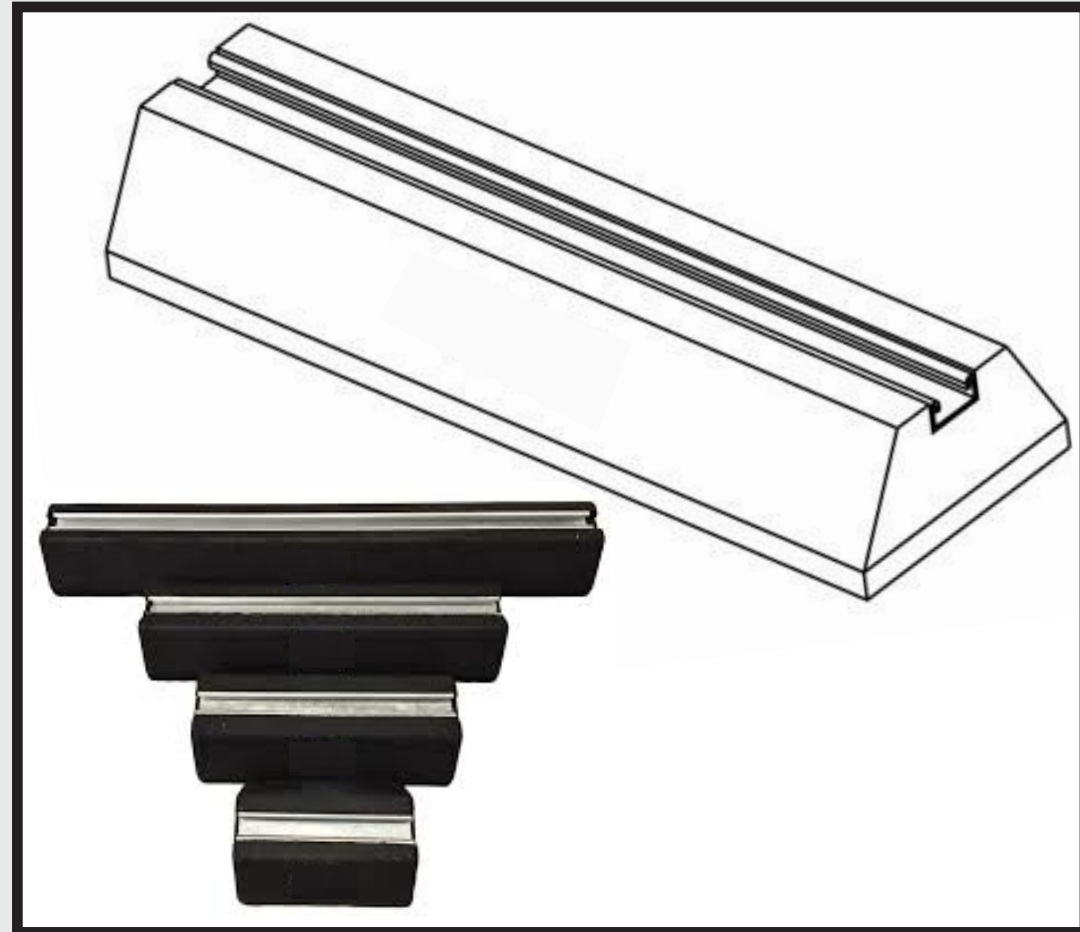
Suitable for supporting of Pipe work systems, Duct works, Cable trays for electrical containment and outdoor units.

Features & Benefits:

Non-penetrative support.
Flexible design to accommodate late design changes.
Fast and simple installation.
Supplied with integrated GI 21x41 mm steel strut, fully bonded to the foot, stronger than aluminum alternatives.
Drainage slots to underside.

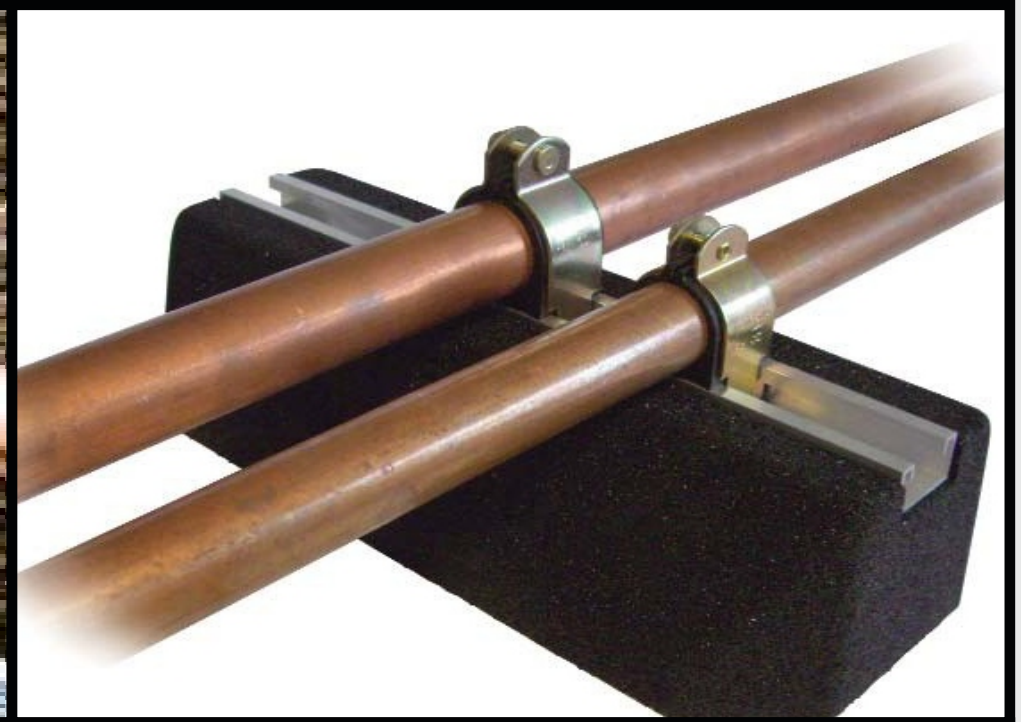
Material Specification

- 1.Foot –SBR recycled rubber BS 7188:1989+A2:2009 and BS EN 1176-7:2008,UV Stabilized.
- 2.Strut: 41x41x2,5 steel strut galvanized Channel.
- 3.Channel compatible with industry standard fixings and fixtures.
- 4.Suitable for internal and external environments in temperature between -40°C to 80°C.



Si. No.	Description	Part No.	Length(mm)	Width(mm)	Height(mm)	load(kg)	weight(kg)
1	Rubber Foot -250 mm	GP-RF 250-L	250	180	100	175	2.8
2	Rubber Foot -400 mm	GP-RF 400-L	400	180	100	280	4.6
3	Rubber Foot -500 mm	GP-RF 500-L	500	180	100	350	5.7
4	Rubber Foot -600 mm	GP-RF 600-L	600	180	100	420	7.6

Typical Installation:



III. Modular Frames

A. Standard Frame:

Application:

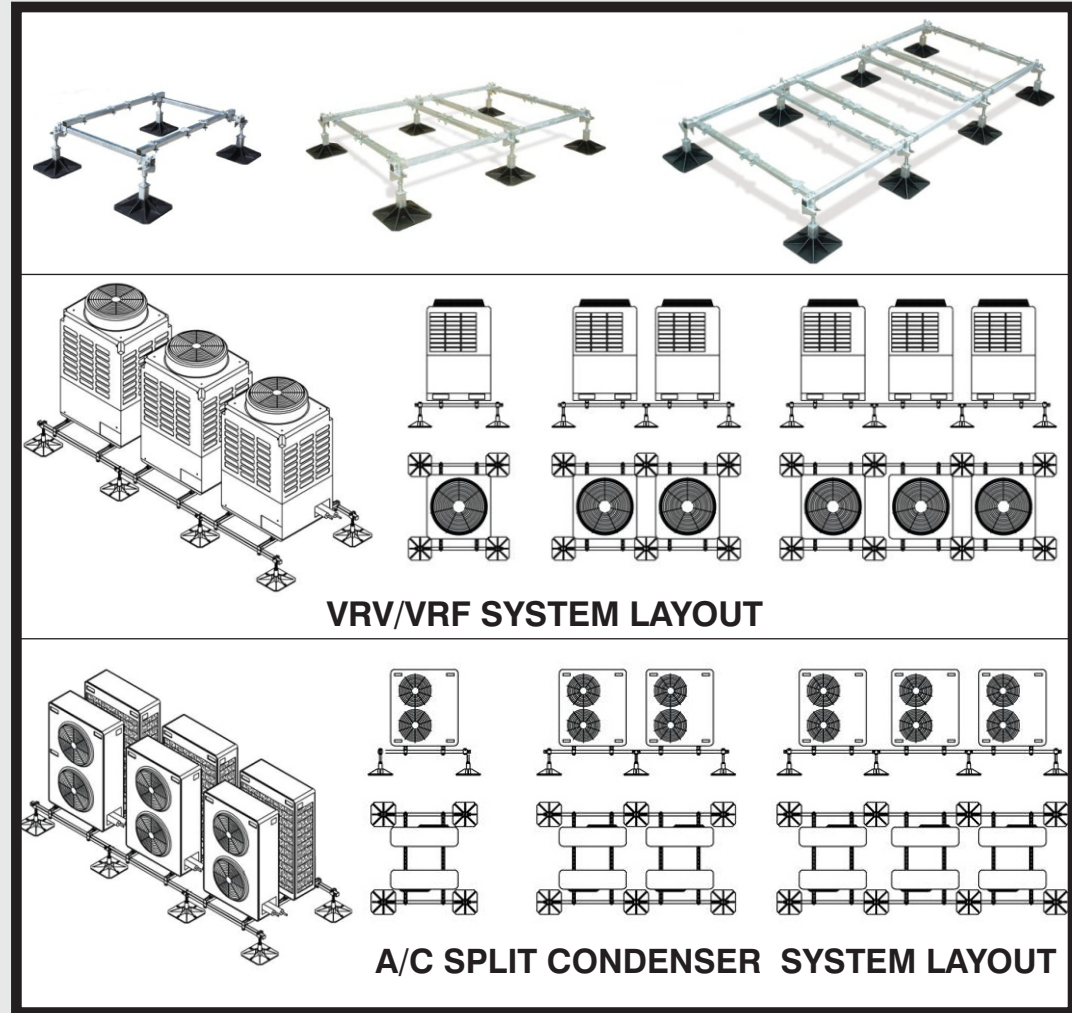
Suitable for VRV/VRF,A/C Split Systems, Smaller Air Handling Units(AHU'S)

Features & Benefits:

- Non-penetrative support.
- Flexible design to accommodate late design changes.
- Fast and simple installation.
- Hot dip galvanized frame work
- Rubber mats adhered to feet for additional roof protection.
- The kit comes in a box for convenience.
- Available as standard 305 mm square foot or 500 mm option for heavy duty application.

Material Specification:

- 1.Foot -305 Square as standard or 500 mm Square for heavy duty application, UV Stabilized, Nylon with glass filled.
- 2.Mat-100% Recycled tyre rubber crump(mat adhered to the foot).
- 3.Legs-50 mm square tube with M24 stud adjuster and 3 mm thick U-Clevis to stop .
- 4.End bars-41x41x2.5 mm box section
- 5.Cross bars- 41x41x2.5 mm box section
- 6.Finish- -Hot dip galvanized BS EN ISO 1461:2009 / Hot oven baked powder coated.



Si.No.	Description	Part no.	Length(mm)	Width(mm)	Height(mm)	Weight(kg)	Max Load
1.	1m x 1.2 m	GP-MFS/1x1.2	1000	1200	290-400	39	500
2.	2m x 1.2 m	GP-MFS/2x1.2	2000	1200	290-400	67	1000
3.	3m x 1.2 m	GP-MFS/3x1.2	3000	1200	290-400	97	1500
4.	1m x 1.5 m	GP-MFS/1x1.5	1000	1500	290-400	42	400
5.	2m x 1.5 m	GP-MFS/2x1.5	2000	1500	290-400	72	800
6.	3m x 1.5 m	GP-MFS/3x1.5	3000	1500	290-400	103	1200

Typical Installation:



B. Multiple Frame:

Application:

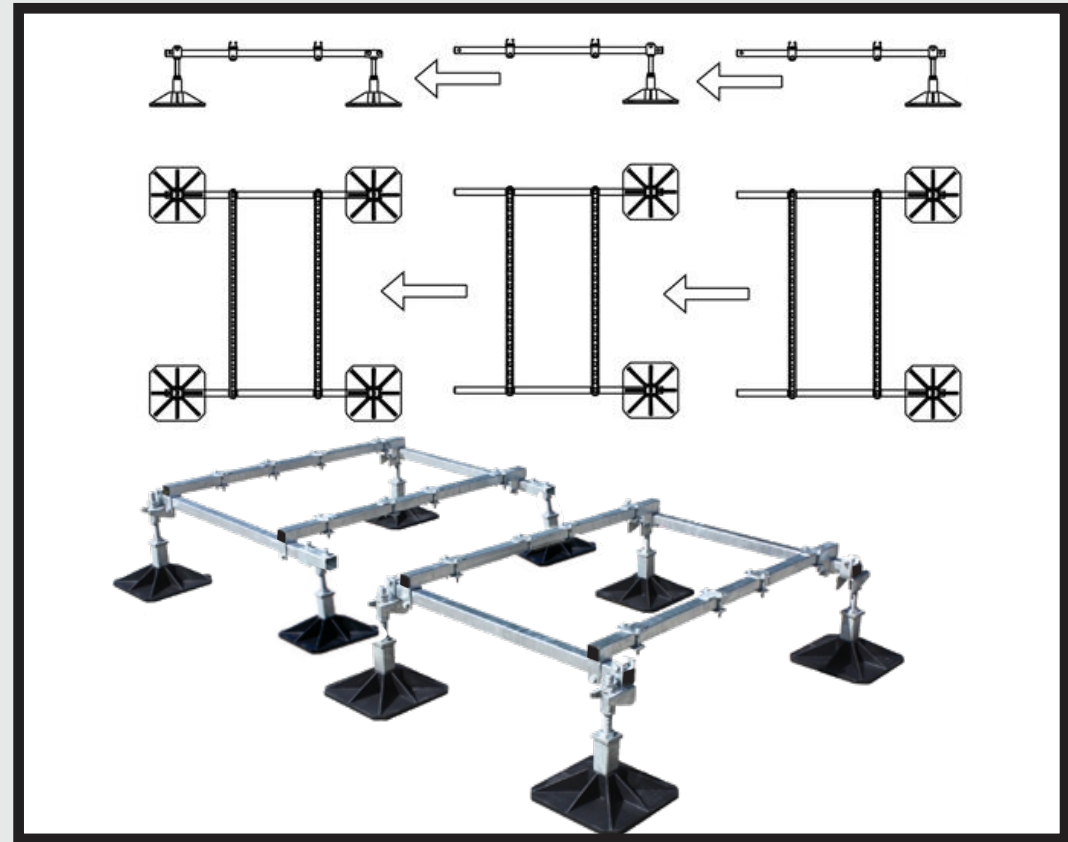
Smaller Air Handling Units(AHU'S)

Features & Benefits:

- Non-penetrative support.
- Flexible design to accommodate late design changes.
- Fast and simple installation.
- Hot dip galvanized frame work
- Rubber mates adhered to feet for additional roof protection.
- The kit comes in a box for convenience.
- Available as standard 305 mm square foot or 500 mm option for heavy duty application.

Material Specification

- 1.Foot -305 Square as standard or 500 mm Square for heavy duty application,
UV Stabilized, Nylon with glass filled.
- 2.Mat-100% Recycled tyre rubber crump(mat adhered to the foot).
- 3.Legs-50 mm square tube with M24 stud adjuster and 3 mm thick U-Clevis to stop .
- 4.End bars-41x41x2.5 mm box section
- 5.Cross bars- 41x41x2.5 mm box section
- 6.Finish- -Hot dip galvanized BS EN ISO 1461:2009 /
Hot oven baked powder coated.



Si. No.	Description	Part no.	Length(mm)	Width(mm)	Height(mm)	Weight(kg)	Max Load
1.	1m x 1.2 m	GP-MFM1	1000	1200	290-400	36	500
2.	2m x 1.2 m	GP-MFE2	1000	1200	290-400	26	500
3.	3m x 1.2 m	GP-MFE3	1000	1200	290-400	26	500

Typical Installation:



IV.HEAVY –TWIN FOOT FRAMES

Application:

Suitable for large pipes, Air handling units, Chillers and packaged plant rooms.

Features & Benefits:

- Non-penetrative support.
- Flexible design to accommodate late design changes.
- Fast and simple installation.
- Hot dip galvanized frame work
- Fully adjustable to roof falls
- Rubber mates adhered to feet for additional roof protection.
- The kit comes in a box for convenience.
- Available as standard 305 mm square foot or 500 mm option for heavy duty application.

Material Specification

- 1.Foot -305 Square as standard or 500 mm Square for heavy duty application,
UV Stabilized, Nylon with glass filled.
- 2.Mat-100% Recycled tyre rubber crump(mat adhered to the foot).
- 3.Legs-50 mm square tube with M24 stud adjuster and 3 mm thick U-Clevis to stop .
- 4.Cross bars- 50x50x5 mm box section.
- 5.Finish- -Hot dip galvanized BS EN ISO 1461:2009 /
Hot oven baked powder coated.



Si. No.	Description	Part no.	Length(mm)	Width(mm)	Height(mm)	Weight(kg)	Max Load
1.	360X305	GP-HTF/360x305	1066	310	300-360	16	500
2.	560X305	GP-HTF/560x305	1066	310	300-560	18	500
3.	360X500	GP-HTF/360x500	1300	510	300-360	30	1200
4.	560X500	GP-HTF/560x500	1300	510	300-560	32	1200
	Mounting plate		250	150		3	

Typical Installation:



V. HEAVY –QUAD FOOT FRAMES

Application:

Suitable for large Air handling units, Chillers and Packaged plant rooms.

Features & Benefits:

- Non-penetrative support.
- Flexible design to accommodate late design changes.
- Fast and simple installation.
- Hot dip galvanized frame work
- Fully adjustable to roof falls.
- Rubber mates adhered to feet for additional roof protection.
- The kit comes in a box for convenience.
- Available as standard 305 mm square foot or 500 mm option for heavy duty application.

Material Specification

1. Foot -305 Square as standard or 500 mm Square for heavy duty application, UV Stabilized, Nylon with glass filled.
2. Mat-100% Recycled tyre rubber crump(mat adhered to the foot).
3. Legs-50 mm square tube with M24 stud adjuster and 3 mm thick U-Clevis to stop .
4. Cross bars- 50x50x5 mm box section.
5. Finish- -Hot dip galvanized BS EN ISO 1461:2009 / Hot oven baked powder coated.



Si. No.	Description	Part no.	Length(mm)	Width(mm)	Height(mm)	Weight(kg)	Max Load
1.	360X305	GPHQ- 360/305	1066	939	350-410	38	1000
2.	560X305	GPHQ- 560/305	1066	939	350-610	42	1000
3.	800X305	GPHQ- 800/305	1066	939	800-860	48	1000
4.	360X500	GPHQ- 360/500	1378	1291	350-410	63	2500
5.	560X500	GPHQ- 560/500	1378	1291	350-610	66	2500
6.	800X500	GPHQ- 800/500	1378	1291	800-860	74	2500
Mounting plate			250	150		3	

Typical Installation:



VI. HEAVY –MODULAR FRAMES:

Application:

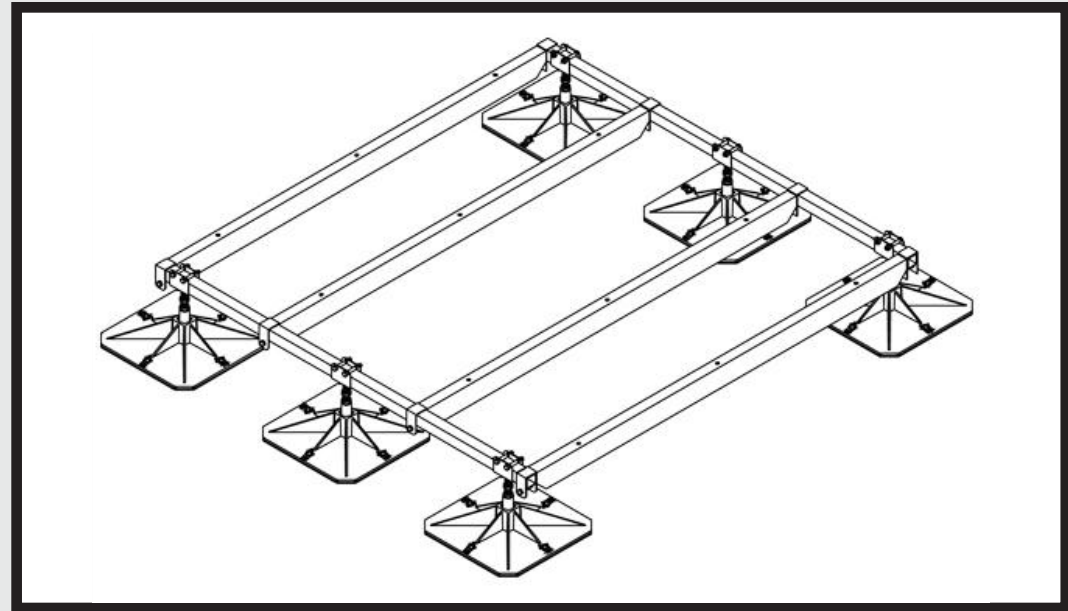
Suitable for heavier blinding services typically large Air handling units, Chillers and Air cooled condensers .

Features & Benefits:

- Non-penetrative support.
- Flexible design to accommodate late design changes.
- Fast and simple installation.
- Hot dip galvanized frame work
- Cross bars supplied with holes for second fix strut(by others)
- Rubber mats adhered to feet for additional roof protection.
- Available as standard 305 mm square foot or 500 mm option for heavy duty application.

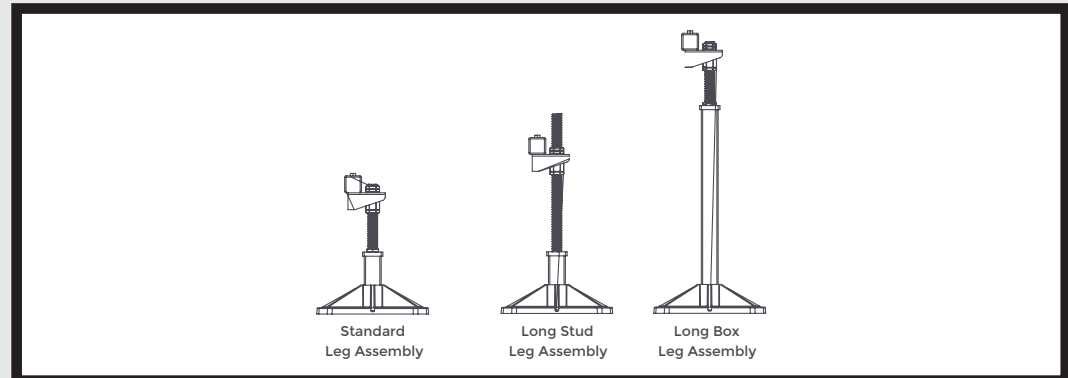
Material Specification

- 1.Foot -305 Square as standard or 500 mm Square for heavy duty application,
UV Stabilized, Nylon with glass filled.
- 2.Mat-100% Recycled tyre rubber crump(mat adhered to the foot).
- 3.Legs-50 mm square tube with M24 stud adjuster and 3 mm thick U-Clevis to stop .
- 4.End bars-50x50x2.5 mm
- 5.Cross bars- 50x50x3 mm & 100x50x3 mm box section.
- 6.Finish- -Hot dip galvanized BS EN ISO 1461:2009 /
Hot oven baked powder coated.



Si. No.	Section	Range of sizes
1.	40x40x2.5 mm	900-1500
2.	50x50x3.0 mm	1500-2100
3.	100x50x3.0 mm	1600-3500

LEG ASSEMBLY OPTIONS:



Description	Height Adjustment(mm)
Standard Leg Assembly	290-400
Long Stud Leg Assembly	290-610
Long Box Leg Assembly	730-825

Typical Installation:



VII.HEAVY –CUSTOM FRAMES

Application:

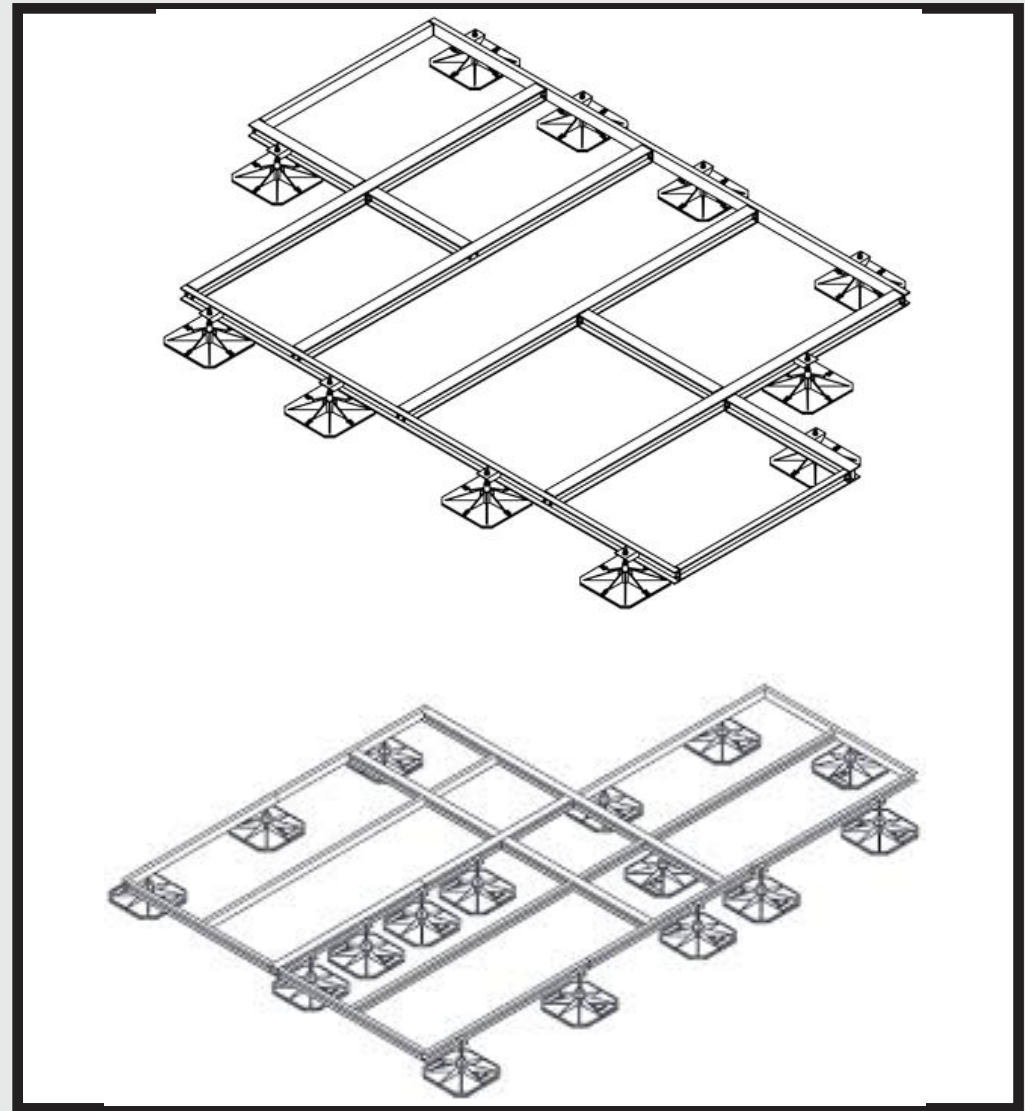
Suitable for Heavy Chillers, Packaged Plant rooms, or Complex shaped building services typically Air handling units.

Features & Benefits:

- Non-penetrative support.
- Flexible design to accommodate late design changes.
- Fast and simple installation.
- Hot dip galvanized frame work
- Fully adjustable to roof falls.
- Rubber mates adhered to feet for additional roof protection.
- Safe load management design.

Material Specification

- 1.Foot - 500 x 500 mm Square UV Stabilized, Nylon with glass filled.
- 2.Mat-100% Recycled tyre rubber crump(mat adhered to the foot).
- 3.Legs-Custon manufactured to suit most heights and welded to frames. Supplied with M24 adjuster stud for leveling.
- 4.Frame-depends on load /span5
- 5.Finish- -Hot dip galvanized BS EN ISO 1461:2009 / Hot oven baked powder coated.



Si.No.	AHU Requirements	Chiller Requirements	Packaged platform Requirements
1.	Sectional quantity	AVM Quantity & Point Loads	Sectional quantity
2.	Sectional dimensions	AVM Dimensional locations	Sectional dimensions
3.	Sectional weight	Total weight (operating mass)	Total weight (operating mass)
4.	Overall dimensions & weight	Overall dimensions	Overall dimensions

Typical Installation:



VIII. PLANT DECK FRAME

Application:

Suitable for multiple VRF/VRV installation with access requirements.

Features & Benefits:

- Non-penetrative support.
- Fast and simple installation.
- Hot dip galvanized frame work
- Rubber mats adhered to feet for additional roof protection.
- 3 standard sizes available from stock
- Adjustable leg assemblies ensure that clearance height is met.
- Safe non-slip GRP walkway

Material Specification

- 1.Foot -305 Square UV Stabilized, Nylon with glass filled.
- 2.Mat-100% Recycled tyre rubber crump(mat adhered to the foot).
- 3.Legs-50 mm square tube with M24 stud adjuster.
- 4.Cross bars- 50x50 or 100x50 box section
- 5.Side bars-40x40 box section
6. walk way- GRP Grating , 25 x 3 mm
- 7..Finish- -Hot dip galvanized BS EN ISO 1461:2009
Hot oven baked powder coated.



Si. No.	Description	Part no.	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Max.Load(kg)
1.	4 Unit	GP-PDF4	2436	3450	380-480	230	1600
2.	6 Unit	GP-PDF6	3436	3450	380-480	329	2400
3.	8 Unit	GP-PDF8	4436	3450	380-480	410	3200

Typical Installation:



IX. SAFE ACCESS -STEP OVER & HOP-OVER

Application:

Suitable for step-over to bridge over ducts, pipes and electrical containment. Custom solutions to access maintenance doors to AHU's, chillers or other roof top services.

Features & Benefits:

Non-penetrative support.
Fast and simple installation.
Hot dip galvanized frame work
Rubber mats adhered to feet for additional roof protection.

Material Specification

- 1.Foot -305 Square UV Stabilized, Nylon with glass filled.
- 2.Mat-100% Recycled tyre rubber crump(mat adhered to the foot).
- 3.Legs-50 mm square tube with M24 stud adjuster.
- 4.Hand rails- 33.7 mm diameter .
- 5.Flooring- 25x 3 mm open grid / in GI / FRP
- 6.Finish- -Hot dip galvanized BS EN ISO 1461:2009
Hot oven baked powder coated.



Si. No.	Description	Part no.	Step Qty.	Landing size	Clearance	Foot size
1.	STEP OVER 2 up/2 down	GP- SO 2/2	2up/2 down	1000x1000 mm	560 mm	310x310 mm
2.	STEP OVER 3 up/3 down	GP- SO 3/3	3up/3 down	1000x1000 mm	780 mm	310x310 mm
3.	STEP OVER 4 up/4 down	GP- SO 4/4	4up/4 down	1000x1000 mm	1000 mm	310x310 mm

Typical Installation:



X. PIPE CLAMP

Application:

interlocking galvanized collar for pipe mounting on rails.
Small piping encumbrance, allows a quick rapid installation

Material Specification

Galvanized steel with zinc coating of 6 to 9 (microns)



S.No.	Code	Dia. (Inch)	Section (mm)
1.	GPPC-012	1/2	32x1.5
2.	GPPC-034	3/4	32x1.5
3.	GPPC-100	1	32x2.0
4.	GPPC-114	1,1/4	32x2.0
5.	GPPC-112	1,1/2	32x2.0

No. 63075



Phone : 23704371
23702404

GOVT. OF INDIA
MSME TESTING STATION
(Formerly Field Testing Station)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
A1, Industrial Estate, Sanathnagar, Hyderabad - 500 018.

TEST REPORT

Date: 30.08.2019

- Name & Address of the Customer : M/s G.P.Spira Ducts Pvt. Ltd,
Jeedimetla, Hyderabad.
- Job Order No. & Date : 47237 Dated: 27.08.2019
- Specimen reference No. : -----
- Specimen's material & condition : Steel Samples
- Type of test & method of test : Mass of Zinc Coating (IS 6745)
- Date of performance of test : 27.08.2019
- Equipment used : As required
- Test results :

MICRO, SMALL & MEDIUM ENTERPRISES

Sl. No	Sample Details	Result
1	SLOTTED C - CHANNEL 41x41x2.5mm	924 g/m ²
2	SQUARE BAR (HOLLOW) 40x40x2.5mm	911 g/m ²

-----End of the Report-----



Any erasure/correction in the results invalidates the report. The test result pertains only to the Specimen tested. This test report should not be reproduced in partial / full without written approval from the Incharge of the Laboratory. Sampling is not undertaken by the office. Sample ID/PO/SD are declared by the customer, same is reproduced.

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MSME TESTING STATION
(Formerly Field Testing Station)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
A1, Industrial Estate, Sanathnagar, Hyderabad - 500 018.

TEST REPORT

Date : 06.09.2019

- Name & Address of the Customer : M/s G.P.Spira Duct Pvt. Ltd.,
IDA Jeedimetla, Hyderabad.
- Job Order No. & Date : 47266 Dt: 03.09.2019
- Specimen reference No. : -----
- Specimen's material & condition : Galvanised steel bar (Size: 40X40X2.5mm)
- Type of test & method of test : Salt Spray test (as per ASTM B 117, 48 hrs.)
- Date of performance of test : 03.09.2019 to 05.09.2019
- Equipment used : Salt Spray equipment
- Test results :

Result
No Corrosion Noticed

-----End of the report-----



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MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
A1, Industrial Estate, Sanathnagar, Hyderabad - 500 018.

TEST REPORT

Date : 12.02.2021

- 1. Name & Address of the Customer : M/s. GP Spira Duct Pvt. Ltd.,
IDA Jeedimetla, Hyderabad.
- 2. Test Report No. & Date : 50870 Dt: 10.02.2021
- 3. Specimen reference No. : -----
- 4. Specimen's material & condition : Sloted 'C' Channel (40x40)-1 No.
- 5. Type of test & method of test : Powder Coating Test
- 6. Date of performance of test : 10.02.2021
- 7. Equipment used : As required
- 8. Test results :

Powder Coating Thickness (Microns)
62

-----End of the report-----



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MSME TESTING STATION

Date: 02-09-2019 Page No. 1

Company Name: MSME TESTING STATION
Test Name: Rubber_Deflection
Tested On: Dak System Inc.'s U.T.M.
Batch Name: 47265

Loadcell: 250 kN Load Cell Extensometer: NONE

Speed: 15.000 mm/min

Load: Rubber_Deflection
N Batch: 47266

28321.197

22619.264

16993.330

11324.706

5663.462


Travel mm

0.000	9.600	19.200	28.800	38.400	48.000
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Specimen	C.S.A.	Peak_Load	T.S.	Load@ 50kg	Load@ 100 kg	Load@ 150 kg	Load@ 200 kg
	mm ²	N	N/50mm ²	mm	mm	mm	mm
001	100.0000	23602.6172	236.0260	1.7183	2.4053	3.0871	3.7839

Specimen	Load@ 250 kg	Load@ 300 kg	Load@ 1000 kg	Load@ 1100 kg	Load@ 1200 kg
	mm	mm	mm	mm	mm
001	4.5614	5.3455	18.0590	19.0671	21.7123

Tested by: _____





Phone : 23704371

GOVT. OF INDIA
MSME TESTING STATION
 (Formerly Field Testing Station)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
 A1, Industrial Estate, Sanathnagar, Hyderabad - 500 018.

TEST REPORT

Date : 06.09.2019

1. Name & Address of the Customer : **M/s G.P.Spira Duct Pvt. Ltd.,**
IDA Jeedmetla, Hyderabad.
2. Job Order No. & Date : 47266 dated 03.09.2019
3. Specimen reference No. : -----
4. Specimen's material & condition : Rubber foot with GI Sand wicheed C-Channel
5. Type of test & method of test : Load test
6. Date of performance of test : 03.09.2019
7. Equipment used : UTM 2500 N
8. Test results :

Sl. No.	Sample Size	Result
1	250(L)X180(D)X100(H)mm	With Stood 1200 Kg at Compression of 21.77mm

-----End of the report-----



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MSME TESTING STATION

Date : 26-08-2019 Page No. 1

Company Name : MSME TESTING STATION Tested On Dak System Inc.'s U.T.M.
Test Name : Lead Diffusion Batch Name : 47237

Loadcell : 250 kN Load Cell Extensometer : NONE
Speed : 1.500 cm/min

Specimen	C.S.A.	Peak_Load	T.S.	Load@ 300 kg	Load@ 500 kg	Load@ 600 kg	Load@ 700 kg
1	Sq. cm	kg	kg/Sq. cm	cm	cm	cm	cm
002	1.0000	3197.2000	3197.2000	0.1527	0.1890	0.2027	0.2140
Specimen	Load@ 800 kg	Load@ 900 kg	Load@ 1000 kg	Load@ 1100 kg	Load@ 1200 kg		
1	cm	cm	cm	cm	cm		
002	0.2257	0.2357	0.2441	0.2514	0.2594		

Tested by



Handwritten signature



GP SPIRA DUCT PVT. LTD.

CONTACT US

Our Branches

HYDERABAD (Off & Fac) :

Plot No.D-94,Phase-I,D.A.,
Jeedimetla, Hyderabad-500 055.
Mobile: +91 98480 48301,
+91 99480 34000 ,+91 9948034333
E-mail: info@gpspira.com

DELHI (Off & Fac) :

Khasra No.68/2 (Near world Tech College)
Khera- Khurampur,Hailey Mandi Rd.
Farruk Nagar,Guragaon- 123506.
Mobile:+91 98110 79674, +91 9990049602
E-mail:gdreddy@gpspira.com

CHENNAI (Off & Fac):

9,Chari Street,T Nagar, Chennai-17
Fac:12A Thirukkachuyur&
Sengundram Layout,Singaperumalkoil,
Chengalpattu - 603204
Mobile : +91 99400 88366 ,+91 99400 48622
E-mail:sriram62@gmail.com

BANGALORE (Off & Fac):

Plot no :188 KIADB Industrial Area
Phase-3 MALUR, Kolar
Dist.Karnataka- 563130
Mobile: +91 98480 48301,
+91 99480 34000 ,+91 9948034333
E-mail: info@gpspira.com

MUMBAI (Off & Fac):

Plot Nos.28 and 29,
Vithoba Rural Industrial Development Complex,
Lohop, Isambe-Post, Khalapur Taluka,
Raigad District,
Maharashtra-410 220
Mobile:+91 93222 52330 / 99635 96633
Email : gpspiro@rediffmail.com
info@gpspira.com

KOLKATA (Off & Fac):

Village: Sherpur,P.O.:Panpur
P.S: Amta ,Dist: Howrah,
W.B -711401
Mobile: +91 9885342222, +91 9836180265
Email: vijayabhaskar@gpspira.com
info@gpspira.com

E-mail: info@gpspira.com

website: www.gpspira.com