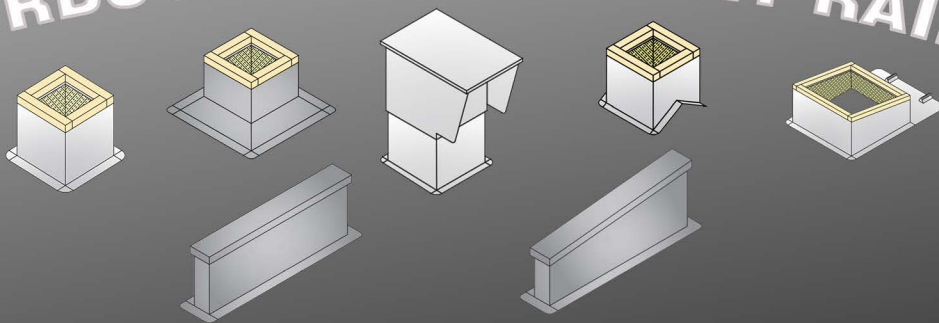
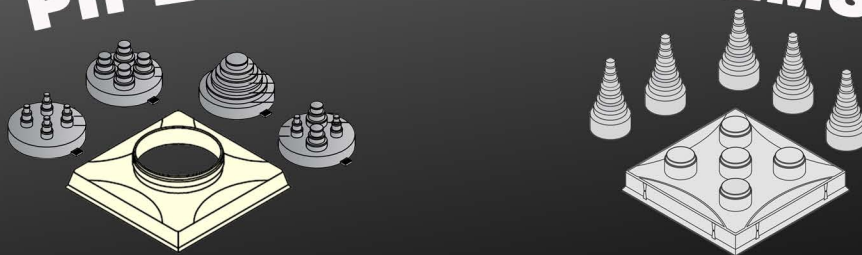




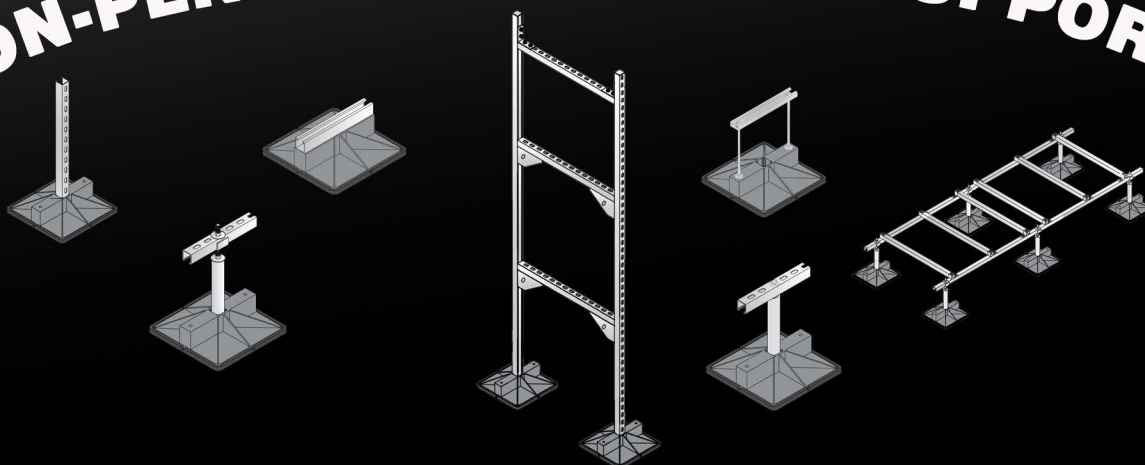
CURBS AND EQUIPMENT RAILS



PIPE PORTAL SYSTEMS



NON-PENETRATING ROOF SUPPORTS





ROOF PRODUCTS

RTU CURBS AND ADAPTERS



Hranec Curb Adapter



Horizontal Discharge Curb

- Industry leading lead time and price
- Curbs available as fully welded or knockdown
- Insulation as specified or required
- Custom options available to meet your project needs
- Seismic, wind, and vibration options available
- Drawings provided to ensure proper field installation



RTU Curb Adapter

Adapter Pricing and Ordering is simple and easy.

Please visit the Roof Products sections of our website. (hranec.com/roof) On this page you will find a link to our Curbulator Quoting System. Please click this link and follow the prompts to create your account. Once your account has been created you can get instant pricing and drawings on thousands of curb adapters.

Scan the QR Code to go to the
CURBULATOR QUOTE SYSTEM



CURBULATOR QUOTING SYSTEM



ROOF PRODUCTS

RTU CURBS AND ADAPTERS

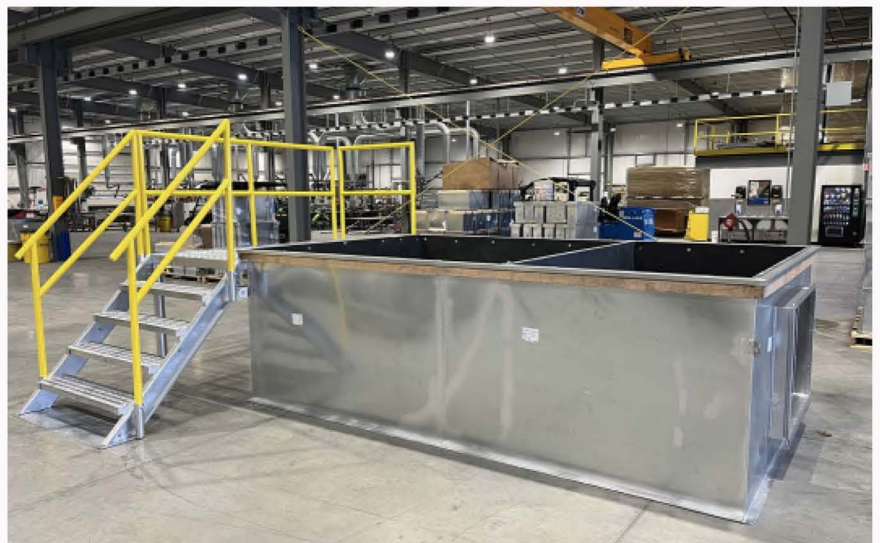


Spring Isolation Curb

- 1" or 2" Deflection Available
- Seismic Rated Available
- Ships Loose for Field Install or Fully Assembled

Custom Curbs

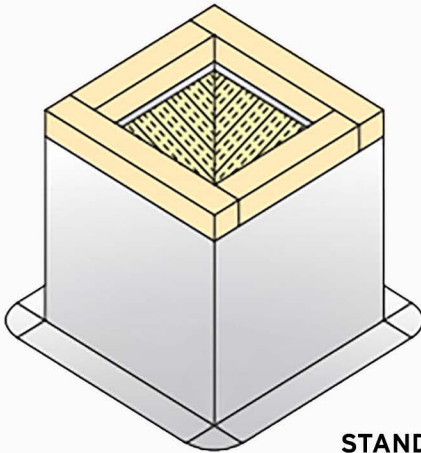
- Service Platforms
- Screen Walls
- Filter Curbs with Access Doors
- Metal Roof Curbs with Custom Colors
- Acoustical Bottom Curbs for Noise Reduction





ROOF PRODUCTS

CURBS



STANDARD CURB

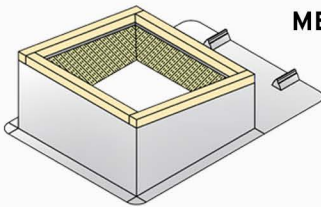
FEATURES AVAILABLE ON ALL CURBS

Standard Features

- 18 Gauge G90 Galvanized
- 1-1/2", 3 lb. Density Insulation (R6)
- Fully Welded Construction
- 2 x 2 Untreated Wood Nailer
- 2" Flange Out

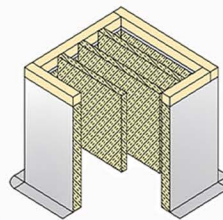
Optional Features

- Lint Tray
- Damper Tray
- Aluminum Construction
- No Wood Nailer
- Treated Wood Nailer



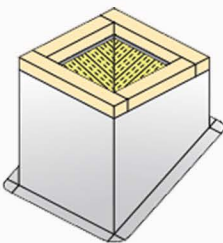
METAL ROOF CURB

- Built in Cricket
- Fixed or Loose Cell Caps
- Under/Under
- Over/Over
- Over/Under



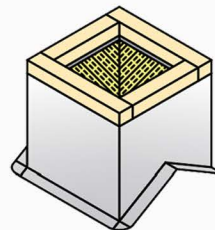
SOUND REDUCTION CURB

- 1" Thick, 3 lb. Rigid Insulated Baffles
- Baffles 4" o.c., 22 Gauge Galv. Steel
- 1" Mounting Flange



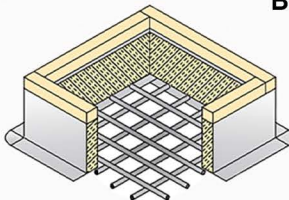
PITCHED CURB

- Available in Any Pitch



RIDGE CURB

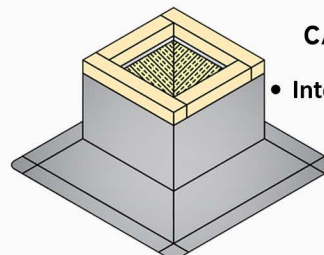
- Available in Any Pitch



BURGLAR BAR

Available In All Curbs

- Bar Sizes:
3/8", 1/2", 5/8", 3/4", & 1"
- Available in One or Two Directional
- Bar Spacing 6" on Center



CANTED CURB

- Integrated 3", 45 degree Cant



ROOF PRODUCTS

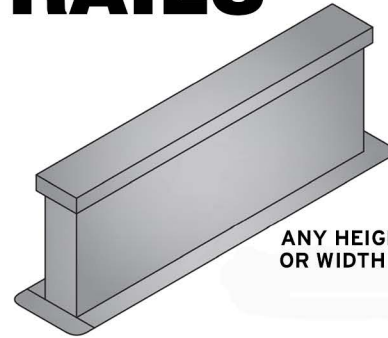
EQUIPMENT RAILS

STANDARD FEATURES

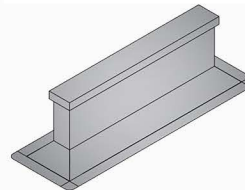
- 18 GAUGE G90 GALVANIZED BODY
- FULLY WELDED CONSTRUCTION
- UNTREATED WOOD NAILER
- 24 GAUGE G90 GALVANIZED CAP
- INTERNAL BRACING 24" ON CENTER

OPTIONAL FEATURES

- 14 - 16 GAUGE G90 GALVANIZED BODY
- .063 OR .080 ALUMINUM BODY
- 18 GAUGE 304 STAINLESS STEEL BODY
- 18 GAUGE 304 STAINLESS STEEL CAP
- WELDED 18 GAUGE G90 GALVANIZED CAP



ANY HEIGHT, LENGTH
OR WIDTH AVAILABLE



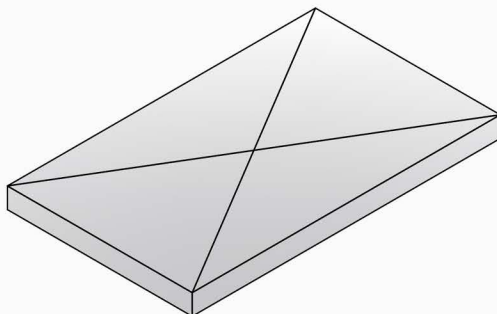
CANTED EQUIPMENT RAIL



PITCHED EQUIPMENT RAIL

Temporary Curb Cap

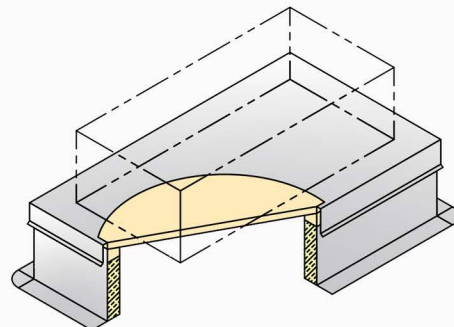
- TOPS ARE CROSS BROKE
- 2" HIGH STANDARD
- WELDED CORNERS
- 18 GAUGE G-90 GALVANIZED



Solid Platform Curb

STANDARD CONSTRUCTION

- 18 GAUGE G90 GALVANIZED STEEL BODY
- 20 GAUGE G90 GALVANIZED STEEL TOP 3/4"
- TREATED PLYWOOD TOP
- 1-1/2", 3 LB. DENSITY FIBERGLASS INSULATION CURB BODY
- UNTREATED WOOD NAILER



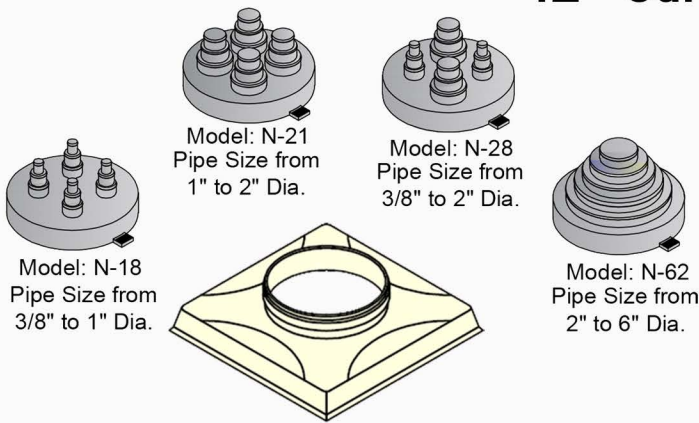


ROOF PRODUCTS

PIPE PORTAL COVERS & CAPS UV Rated

Weather Tight Seal for Running Pipes Run Through the Roof

12" Curb Cover

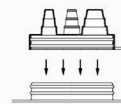


Curb Cover Fits on a 12" Curb

ABS Plastic Cover is Ultraviolet (UV) Resistant. Pre Drilled for Easy



Stainless Steel Clamps are Included to Make a Weather Tight Seal Between the EPDM Rubber Boot and the Pipe



The Annual Grooves Molded into the Rubber Boot Snap Over the Grooves of the Curb Cover to form a Weather Tight Seal.

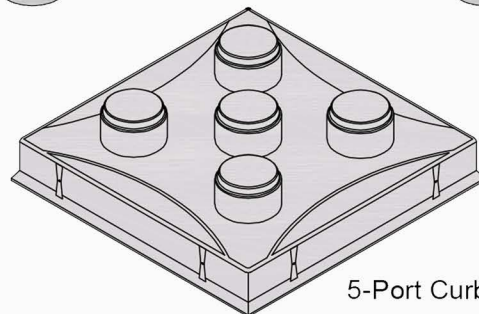
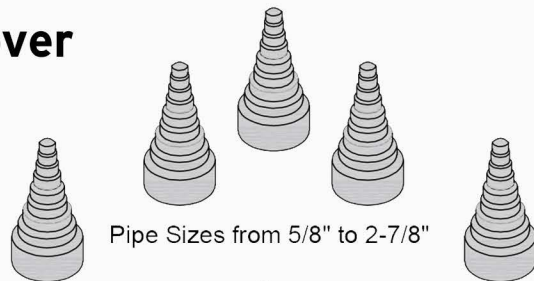
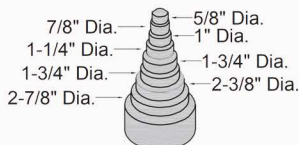
Curb Cover and Boots are Sold Separately

5-Port Curb Cover

ABS Plastic Cover is Ultraviolet (UV) Resistant. Pre Drilled for Easy



Stainless Steel Clamps are Included to Make a Weather Tight Seal Between the PVC Boot and the Pipe



5-Port Curb Cover

5-Port Curb Cover and 5 Boots are Sold Together

5-Port Curb Cover Fits on a 15" Curb



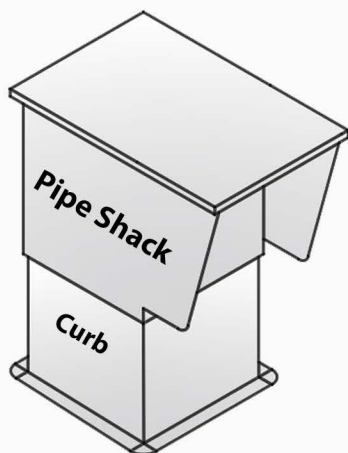
ROOF PRODUCTS

PIPE SHACK

Pipe Shack Can Be Custom Made To Your Specifications

Pipe Shack with Solid Front Cover

- The solid Front Panel Allows the Installer to Cut-in the Hole Size for the Pipe Penetration

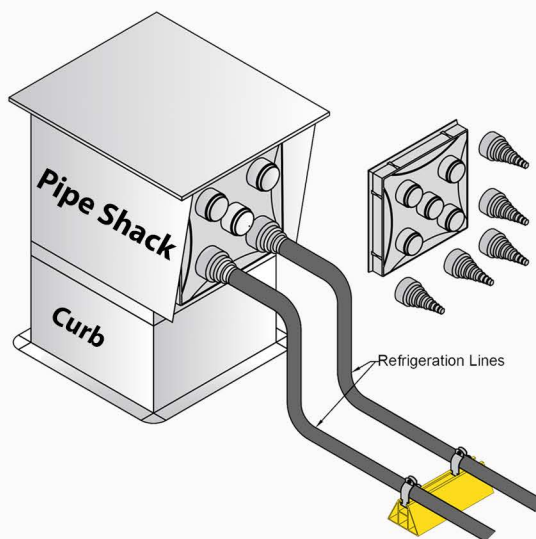


Pipe Shack Standard Features

- Formed Corners at Sides and Back
- Front Panel is Spot Welded to Sides
- 1/4" Gasket Seals Side and Front Panel
- Top and Sides are 20 Gauge G90 Galvanized Metal
- 1" Fiberglass Insulation Installed Sides and Back
- Pipe Shack Sets on Curb with 3/4" Overhang

Pipe Shack with 5-Port Cover

- The 5-Port Cover Allows for Five Pipes Ranging From 5/8" to 2-7/8" in Diameter to Penetrate the Cover Through the PVC Boots for a Weather Tight Seal.



Includes Standard Features And the Following

- 5 - Port Curb Cover
- Five N-5 PVC Boots with Hardware
- Front Panel is Open to Attach 5-Port Cover

Available Metals

- G90 Galvanized
- Aluminum
- 304 Stainless Steel



ROOF PRODUCTS

MIGHTY MOUNT Jr.

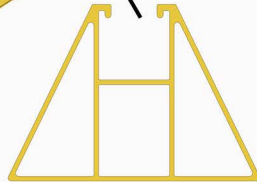
UV Rated

Pipe Support System
3.5" High x 5.0" Wide

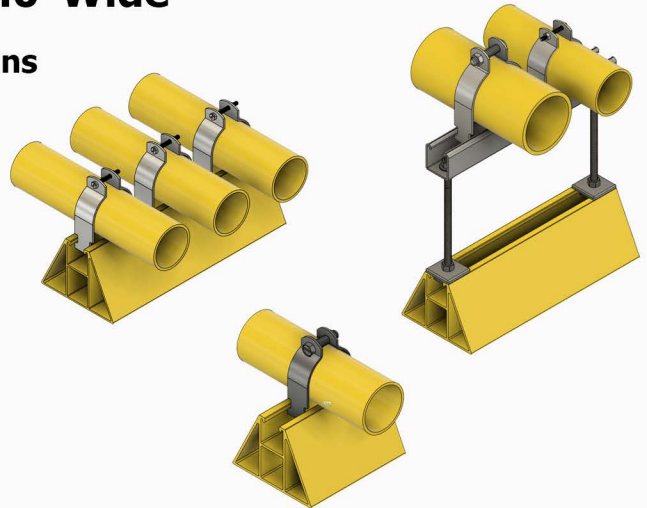
**NEW
PRODUCT**



Same Dimensions
as Unistrut



End View



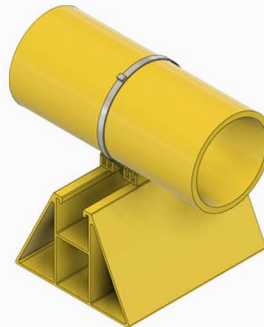
**Pipe Clamps Connect to the Built in
Unistrut Base.**



Stainless
Steel Tie



Universal Pipe Clamps
Fits Pipe from 1/2" to 4"



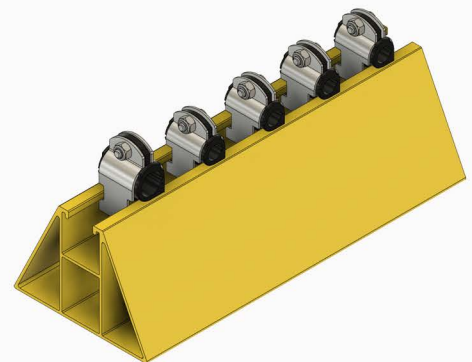
**6" Base w/ 3" Gas Pipe,
Universal Pipe Clamp and
Stainless Steel Zip Tie**

**Available in 12" and 36"
Length**



**Can be Field Cut
to Any Length**

Mighty Mount Junior	
Schedule 40 Gas Pipe	
Size	Weight*
2" Dia.	3.66 lb./ft.
2.5" Dia.	5.80 lb./ft.
3" Dia.	7.58 lb./ft.
3.5" Dia.	9.12 lb./ft.
4" Dia.	10.80 lb./ft.



**Cushion Clamp Support for
Refrigeration Plumbing.**

***Allowable load is based on limiting the load on the
roof membrane to 3 psi. and 10 ft. Spacing**



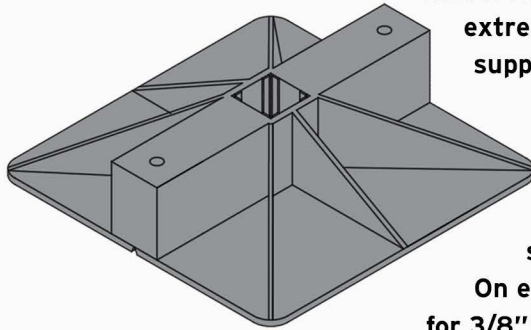
ROOF PRODUCTS

MIGHTY MOUNT NYLON BASE

Non-Penetrating Roof Top Supports

NB-500 Nylon Base

NB-500 Nylon Base is molded from nylon type 6/6 with 30% glass fibers. Nylon 6/6 combined with glass fibers makes it an extremely strong base for non-penetrating roof top supports.



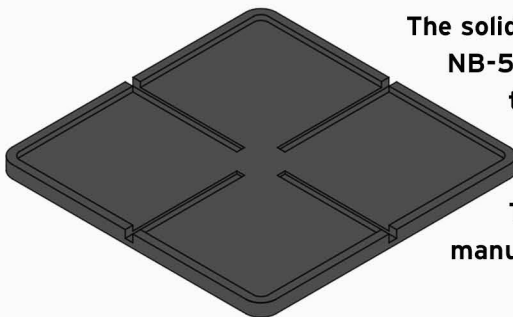
NB-500 UV Rated

The NB-500 is highly adaptable to a variety of support configurations. The center cube can accept 1-5/8" Unistrut or 1-1/4" galvanized pipe for supporting condenser stands or ductwork.

On each end of the top are two 3/8" holes with knock-outs for 3/8" all thread rods or 3/8" bolts.

Rubber Sub-Base

SBR Rubber Sub-base
1/2" thick x 13" x 13"



The solid SBR Rubber Sub-base acts as a cushion between the NB-500 Nylon support base and the roof membrane. Protecting the roof membrane from damage. This cushion can reduce the vibration noise caused by the equipment being supported.

The rubber used is the same as the rubber used in the manufacturing of truck tires.

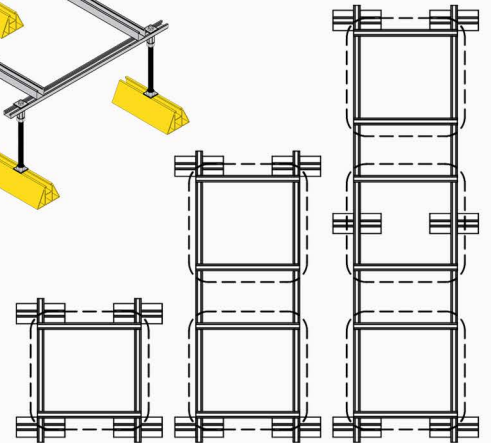
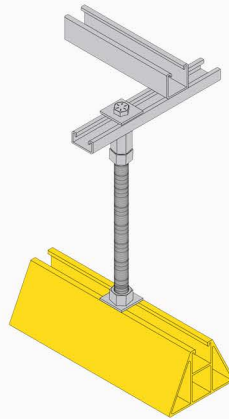
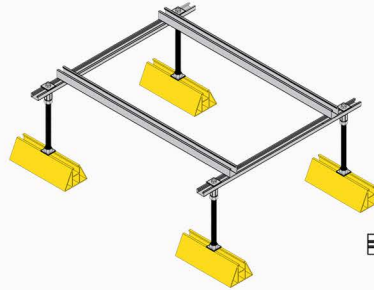
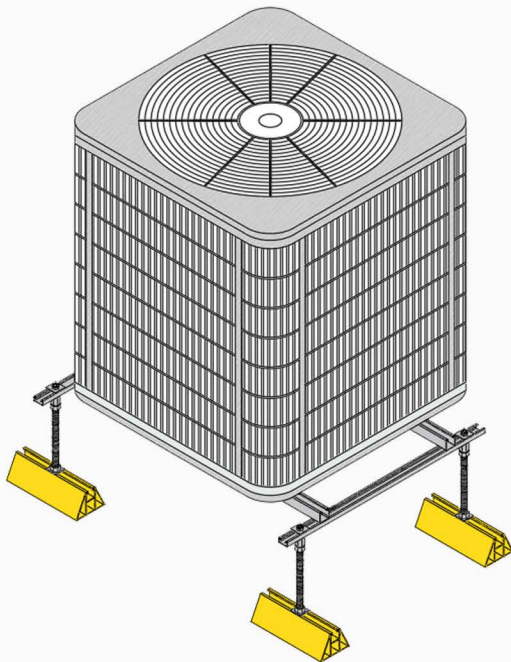
**NB-500 Nylon Base with
Rubber Sub-base can support
500* lbs. each.**

*500 lb. load is based on limiting the load on the roof membrane to 3 psi.



ROOF PRODUCTS

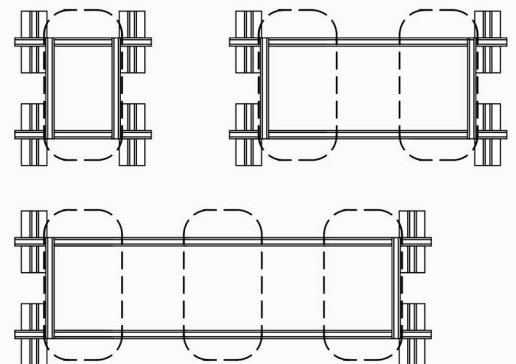
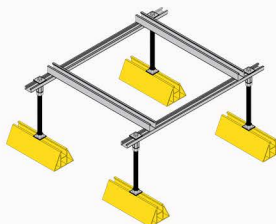
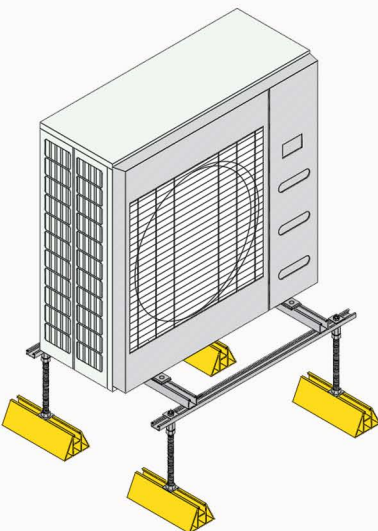
A/C STANDS



A/C SUPPORT STANDS, SINGLE,
DOUBLE AND TRIPLES

MIGHTY MOUNT JR. BASE UV Rated

MINI-SPLITS

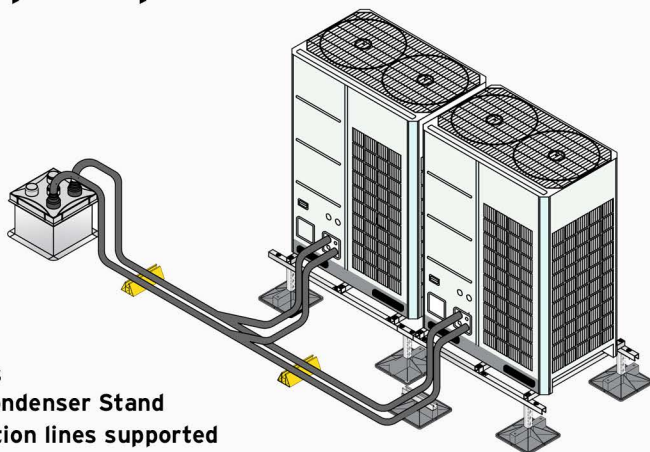




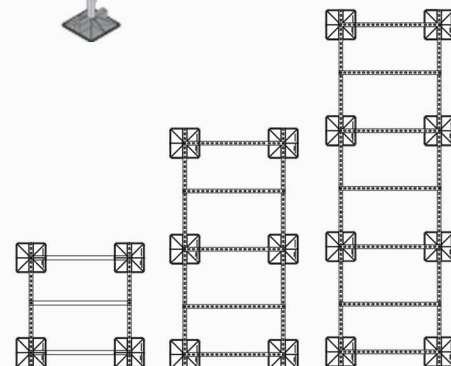
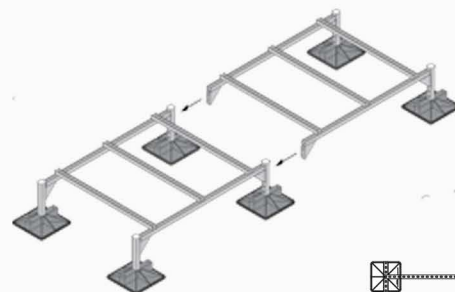
ROOF PRODUCTS

VRF STANDS

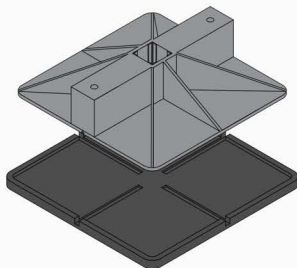
One Stop Shop for all Your VRF Condenser Stands & Accessories



Twin VRF Units
On a Double Condenser Stand
With Refrigeration lines supported
On a Mighty Mount Nylon Base and Rubber Sub-base
The Lines Penetrate the Roof through an N-5 Rubber
Boot, 5-Port Curb Cap and 15" Curb



Top View of Single, Double and Triple VRF Condenser Stands



NB-500
Nylon Base
NB-500 UV Rated
Rubber
Sub-base

NB-500 Nylon Base with
Rubber Sub-base can
support 500* lbs. each.

NB-500 UV Rated

Condenser Stands are Available in Standard Sizes for
Single, Double and Triple Units, Compatible with All
VRF Manufactures. Also Custom Stands can be Made
to Special Sizes to Accommodate Specific
Conditions



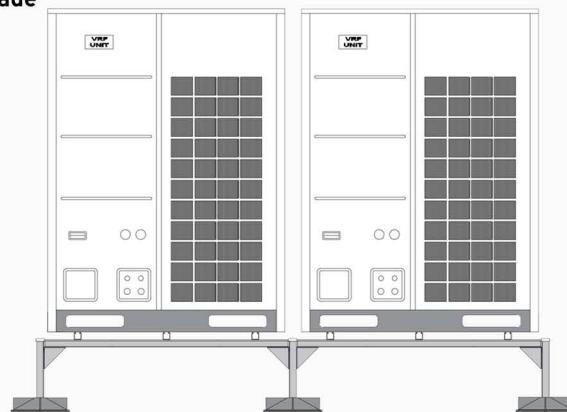
Single Condenser Stand



Double Condenser Stand



Triple Condenser Stand



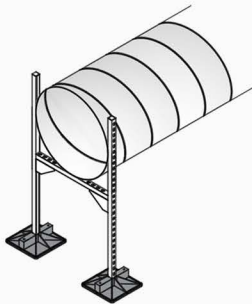
*500 lb. load is based on limiting the load on the roof membrane to 3 psi.



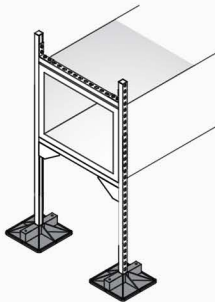
ROOF PRODUCTS

DUCTWORK STANDS

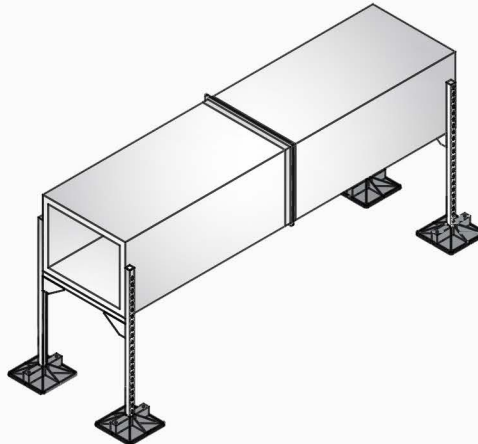
NON-PENETRATING ROOF TOP SOLUTION FOR INSTALLING
DUCTWORK ON FLAT ROOFS



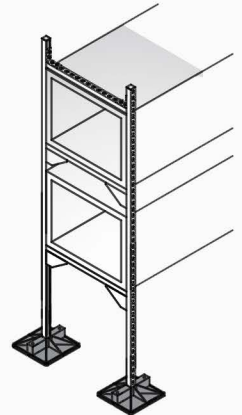
ROUND DUCT SUPPORT
DESIGN MODEL: **RDS**



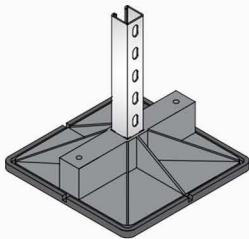
ENCLOSED DUCT SUPPORT
DESIGN MODEL: **EDS**



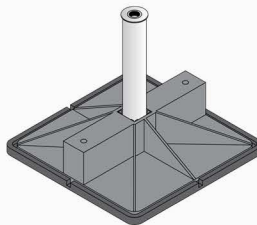
OPENED DUCT SUPPORT
DESIGN MODEL: **ODS**



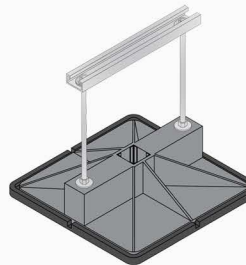
MULTI-TIER DUCT SUPPORT
DESIGN MODEL: **MTDS**



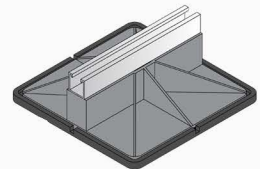
1-5/8 Unistrut
Support for
Ductwork and
Condenser
Support Stands



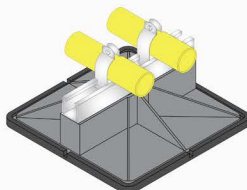
1-1/4" Pipe
Support for
Condenser
Support Stands



13/16" Unistrut
with Adjustable
3/8" All-thread
Rod

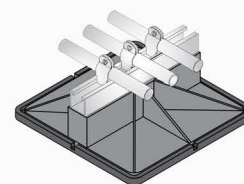


1-5/8" Unistrut
Bolted to Base



Gas Pipe Support

**NB-500 Nylon Base with
Rubber Sub-base can
support 500* lbs. each.
NB-500 UV Rated**



Conduit Support

*500 lb. load is based on limiting the load on the roof membrane to 3 psi.



ROOF PRODUCTS

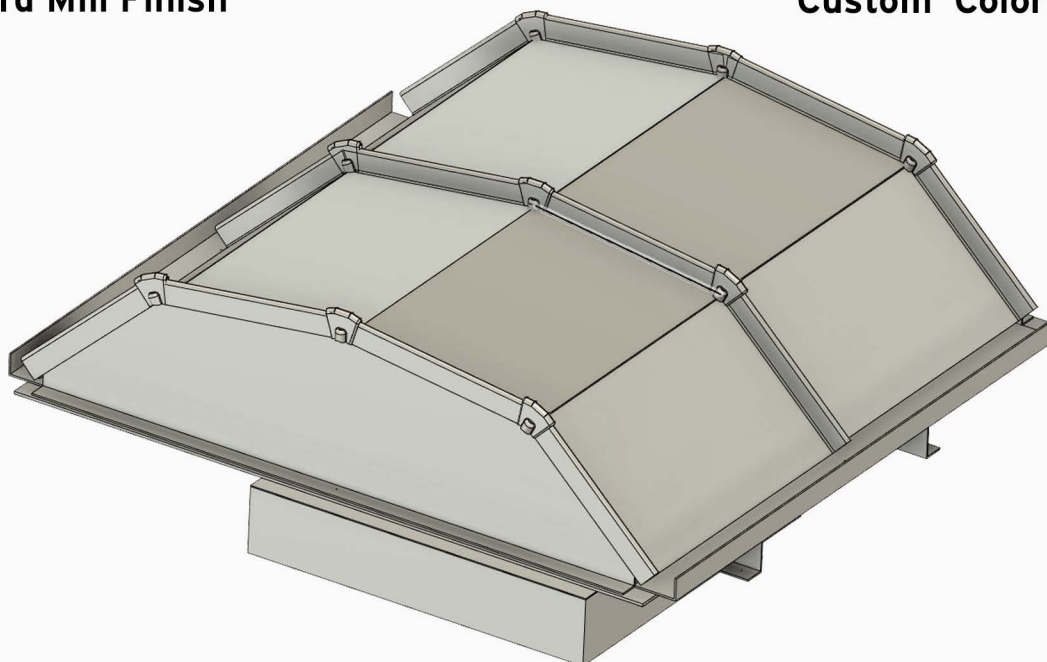
GRAVITY VENT

Standard Construction Details

12 Gauge Aluminum
Bird Screen
Welded Curb Cap Corners
Lifting Lugs
Standard Mill Finish

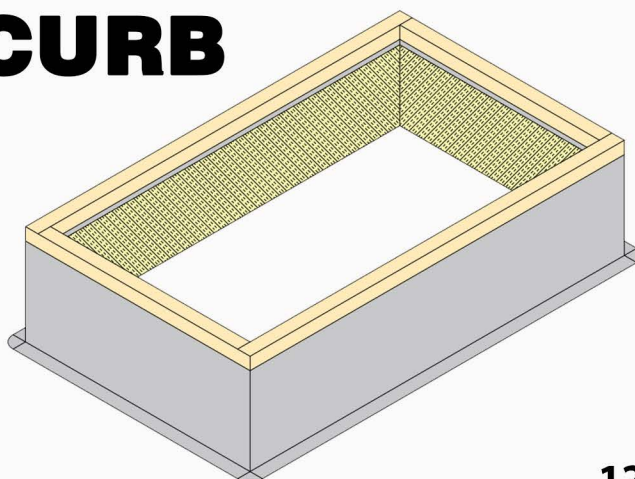
Optional Features

Roof Curb
Roof Curb with Damper Tray
Ship Knock Down for Field
Assembly
Custom Colors Available



OPTIONAL CURB

18 Gauge Galvanized G90
Fully Welded Corners
Bird Screen
2"x 2" Untreated Wood Nailer
3# 1.5" Fiberglass Liner
Available with Damper Tray





ROOF PRODUCTS

Drop Box Diffuser

Standard Construction

20 Gauge Pre-Coated Galvanized Steel
20 Gauge Pyramid Air Diverter
1" - 1.5 lb. Insulation
TDC Duct Flange Connection
Drum Diffuser
Standard White Finish

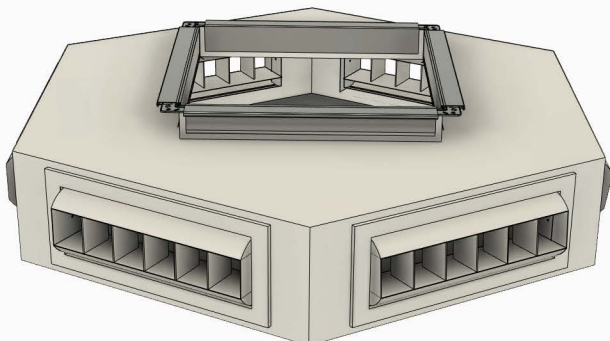
Optional Construction

14 Gauge Mounting Bracket
Custom Color Option
Double Deflection Drum Louvers And Grill

Square Diffuser



Hexagon Diffuser



Square Diffuser Sizes

Module Number	Style	CFM	Louver Size	AxBxC
DB-4-2000	4-way	2000	6 x 12	14 x 22 x 9
DB-3-2000	3-way	2000	6 x 18	19 x 28 x 9
DB-2-2000	2-way	2000	10 x 25	28 x 35 x 13
DB-4-3000	4-way	3000	6 x 18	19 x 28 x 9
DB-3-3000	3-way	3000	10 x 25	28 x 35 x 13
DB-2-3000	2-way	3000	10 x 25	28 x 35 x 13
DB-4-3500	4-way	3500	6 x 24	20 x 34 x 9
DB-3-3500	3-way	3500	10 x 20	24 x 30 x 13
DB-2-3500	2-way	3500	12 x 30	30 x 40 x 15
DB-4-4000	4-way	4000	10 x 20	24 x 30 x 13
DB-3-4000	3-way	4000	10 x 25	28 x 35 x 13
DB-2-4000	2-way	4000	12 x 30	30 x 40 x 15
DB-4-5000	4-way	5000	10 x 20	24 x 30 x 13
DB-3-5000	3-way	5000	12 x 30	30 x 40 x 15
DB-2-5000	2-way	5000	12 x 50	30 x 40 x 15
DB-4-6000	4-way	6000	10 x 25	28 x 35 x 13
DB-3-6000	3-way	6000	12 x 30	30 x 40 x 15
DB-2-6000	2-way	6000	12 x 50	38 x 58 x 15
DB-4-8000	4-way	8000	12 x 30	30 x 40 x 15
DB-3-8000	3-way	8000	12 x 50	38 x 58 x 15
DB-2-8000	2-way	8000	15 x 50	38 x 59 x 19
DB-4-10000	4 way	10000	12 x 30	30 x 40 x 15
DB-4-12000	4 way	12000	12 x 50	38 x 58 x 15

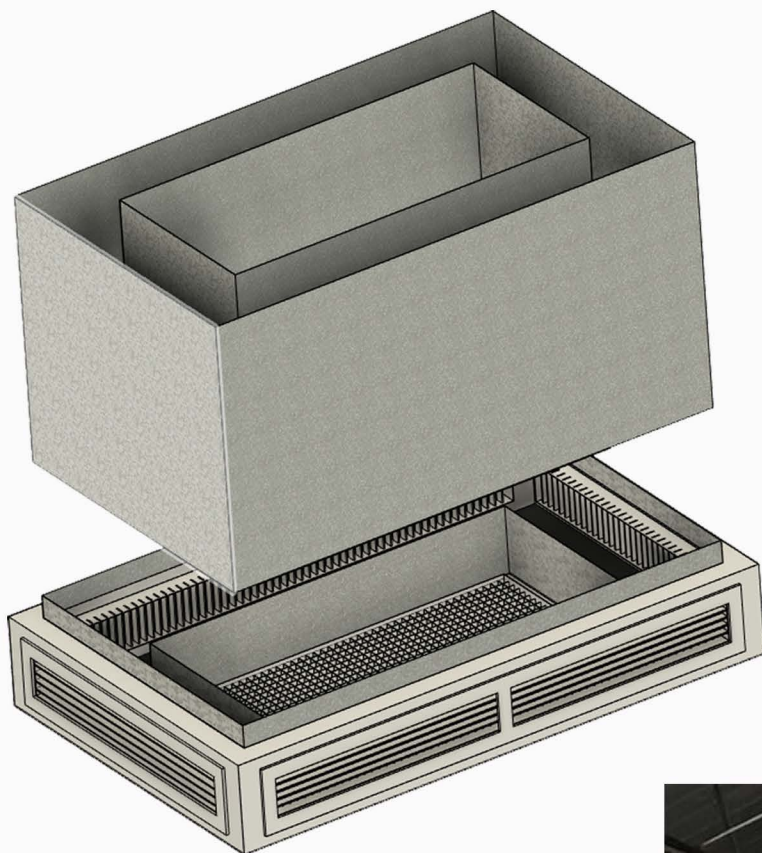
Hexagon Diffuser Sizes

Module Number	Style	CFM	Louver Size	AxBxC
DB-6-2000	6 Way	2000	6 x 12	14 x 33 x 9
DB-6-4000	6 Way	4000	6 x 18	22 x 49 x 9
DB-6-6000	6 Way	6000-7000	10 x 25	28 x 56 x 13
DB-6-10000	6 Way	8000 - 10000	12 x 30	36 x 67 x 15



ROOF PRODUCTS

CONCENTRIC DROP BOX DIFFUSER



Standard Features

- Galvanized / Paint Grip Construction
- Insulation with 1.5# 1" insulation
- Side Double Deflection Supply Grill
- Bottom Egg Crate Return
- Mill Finish
- Custom Colors Available

Construction

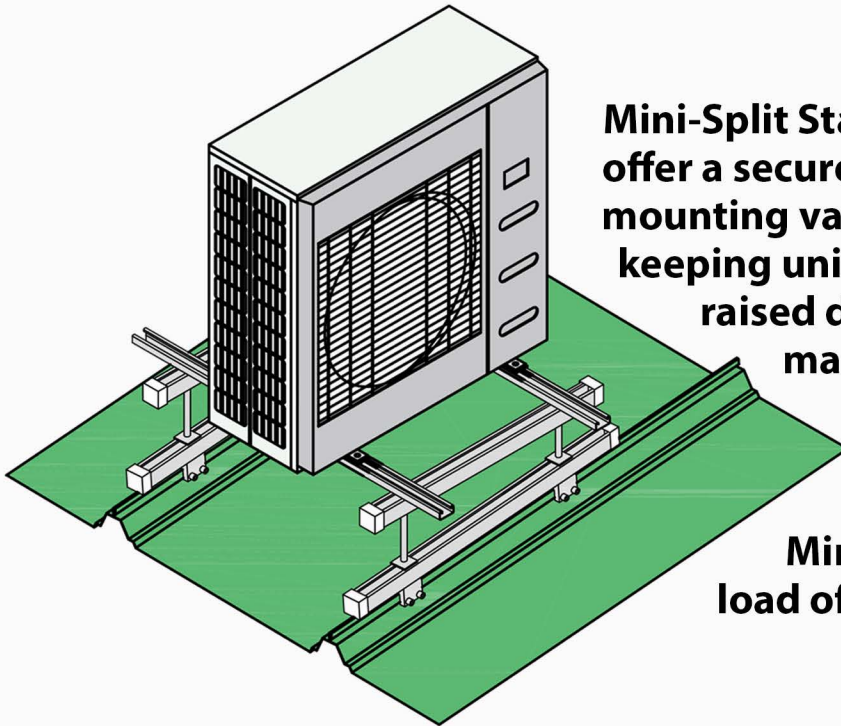
- Complete Duct Package Including Curb Transition
- Hard Duct or Flex Duct Connections
- Stand Alone Concentric Box



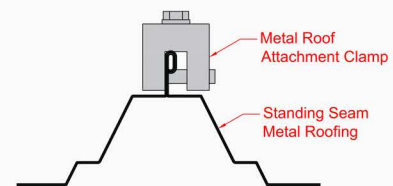
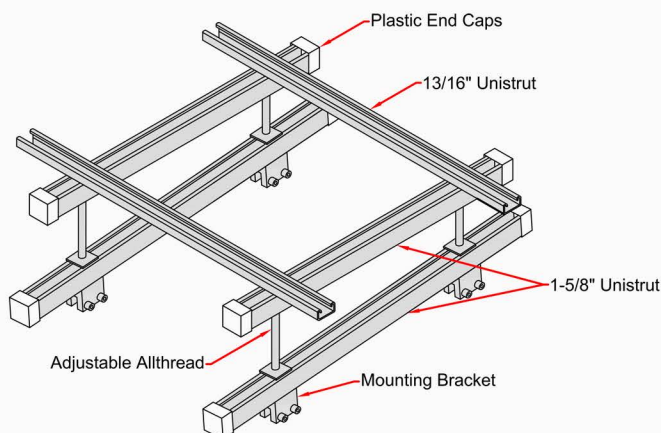


ROOF PRODUCTS

MINI-SPLIT STAND FOR PITCHED METAL ROOFS



Mini-Split Stands for Pitched Metal Roofs offer a secure and stable platform for mounting various HVAC/R equipment, keeping units' level and elevated. Their raised design also simplifies installation, maintenance, and servicing. These stands are designed to accommodate most mini-split units. The Pitched Metal Roof Mini-Split supports a maximum load of 310 lbs. (140 kg).



**METAL ROOF
ATTACHMENT CLAMP**

METAL ROOF MINI-SPLIT FRAME

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