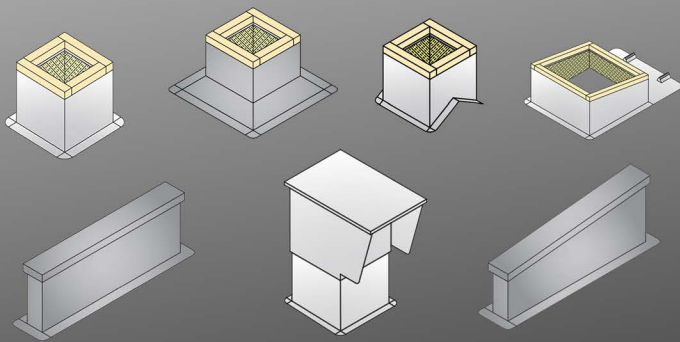
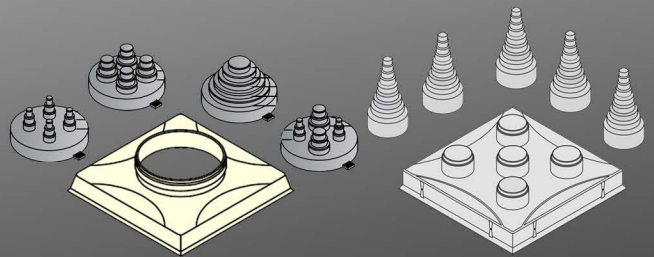




CURBS & RAILS



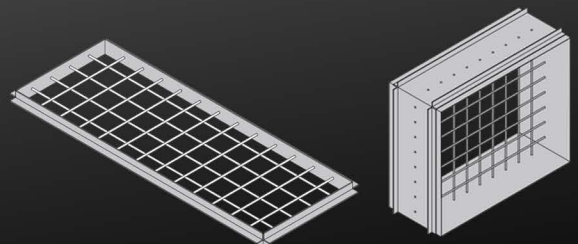
PIPE PORTALS



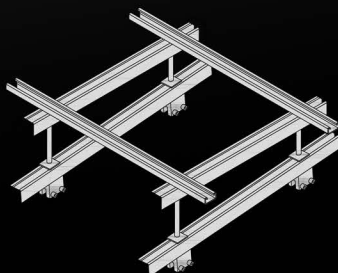
DROP BOX DIFFUSER



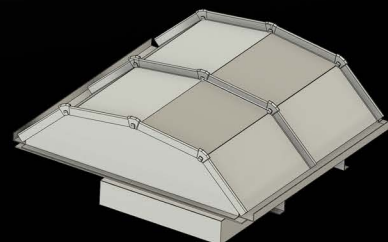
BURGLAR BAR



PITCHED METAL ROOF SUPPORT



GRAVITY VENT





ROOF PRODUCTS

RTU CURBS AND ADAPTERS



Hranec Curb Adapter

- 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



Horizontal Discharge Curb



RTU Curb Adapter

**HRANEC
QUICK QUOTES**

**Hranec
Quick Quote
RTU Adapter
Estimating Software.**



FAST & ACCURATE
Get detailed quotes in minutes, not hours.



EASY TO USE
Simple interface designed for quick and efficient estimating.

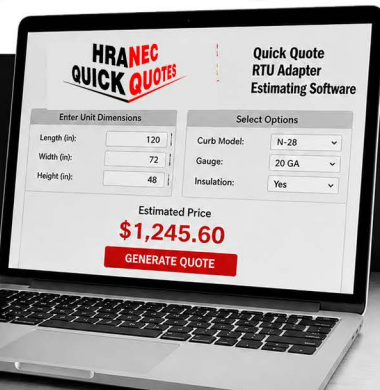


BOOST PROFITABILITY
Improve estimating accuracy and win more jobs.

**QUOTE SMARTER.
BUILD BETTER.**

Save time. Increase accuracy.
Win more work.

TRY HRANEC QUICK QUOTE TODAY!



Adapter Pricing And Ordering is simple and easy.

Please visit the **Roof Products** section of our website at hranec.com/mfg-roof-products. There, you will find a link to **Hranec Quick Quote**. Click the link and follow the prompts to create your account. Once your account is set up, you'll have instant access to **pricing and drawings** for thousands of **RTU curb adapters**, making it faster and easier to get the information you need.

www.hranec.com

724-437-2211



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

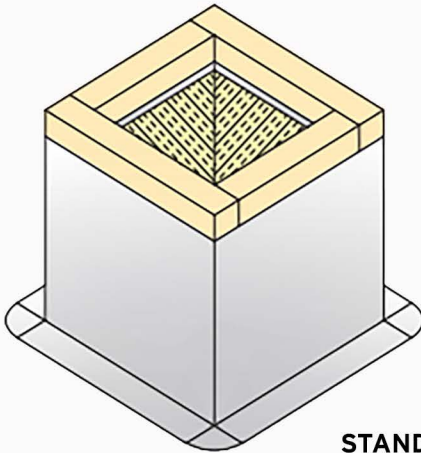
- Service Platforms
- Screen Walls
- Filter Curbs with Access Doors
- Metal Roof Curbs with Custom Colors
- Acoustical Bottom Curbs for Noise Reduction





ROOF PRODUCTS

CURBS



STANDARD CURB

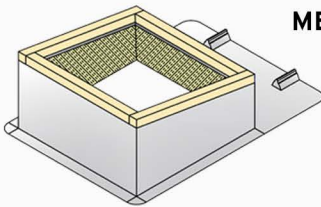
FEATURES AVAILABLE ON ALL CURBS

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

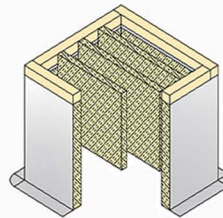
Optional Features

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



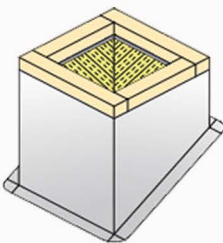
METAL ROOF CURB

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



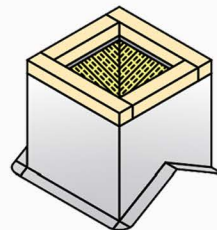
SOUND REDUCTION CURB

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



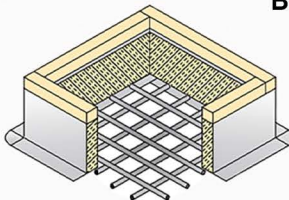
PITCHED CURB

- Available in Any Pitch



RIDGE CURB

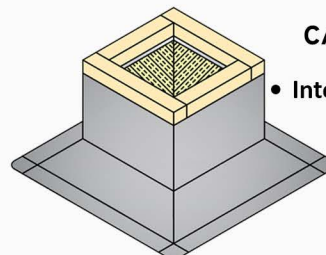
- Available in Any Pitch



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

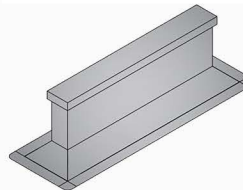
- 18 GAUGE G90 GALVANIZED BODY
- FULLY WELDED CONSTRUCTION
- UNTREATED WOOD NAILER
- 24 GAUGE G90 GALVANIZED CAP
- INTERNAL BRACING 24" ON CENTER

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



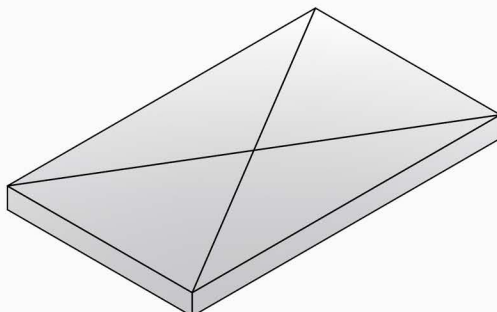
CANTED EQUIPMENT RAIL



PITCHED EQUIPMENT RAIL

Temporary Curb Cap

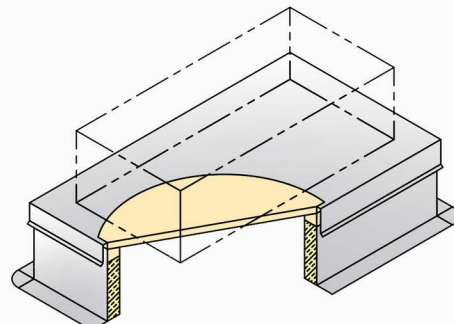
- TOPS ARE CROSS BROKE
- 2" HIGH STANDARD
- WELDED CORNERS
- 18 GAUGE G-90 GALVANIZED



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



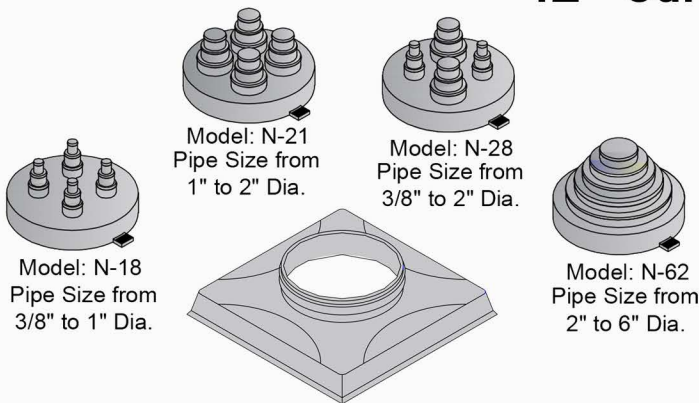


ROOF PRODUCTS

PIPE PORTAL COVERS & CAPS UV Rated

Weather Tight Seal for Running Pipes Through the Roof

12" Curb Cover



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

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 Fits on a 12" Curb

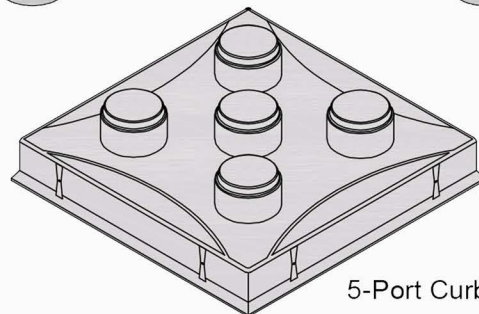
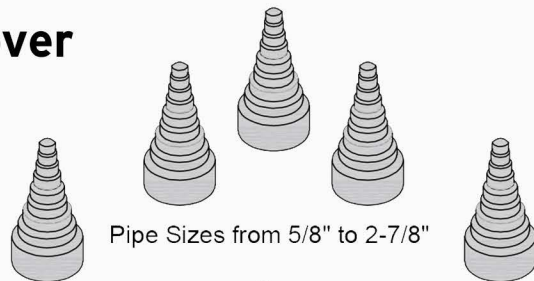
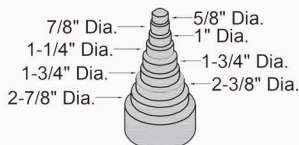
Curb Cover and Boots are Sold Separately

5-Port Curb Cover

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



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



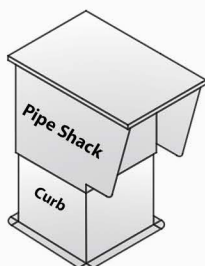
ROOF PRODUCTS

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

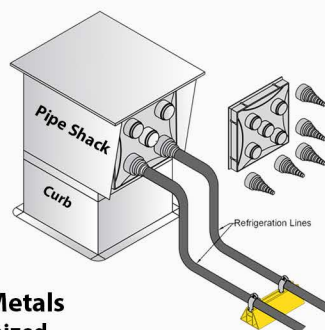
- Formed Corners at Sides and Back
- Front Panel is Spot Welded to Sides
- 1/4" Gasket Seals Side and Front Panel
- Top and Sides are 20 Gauge G90 Galvanized Metal
- 1" Fiberglass Insulation Installed Sides and Back
- Pipe Shack Sits on Curb with 3/4" Overhang

Available Metals

- G90 Galvanized
- Aluminum
- 304 Stainless Steel

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

LINE SHACK



Line Shack Options

Phenolic Insulation Lined Interior

Available R Values

- R-6
- R-8
- R-12
- 1" Fiberglass R-4

Available Pipe Access Ports

- 6 Ports
- 8 Ports
- 10 Ports

Custom Number of Ports also Available

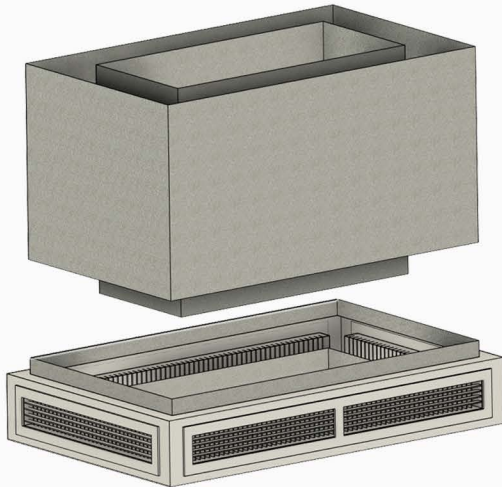
Available Exterior Metals Options

- Gray
- White
- Aluminum
- Galvanized
- Stainless Steel



ROOF PRODUCTS

CONCENTRIC DROP BOX DIFFUSER



Standard Features

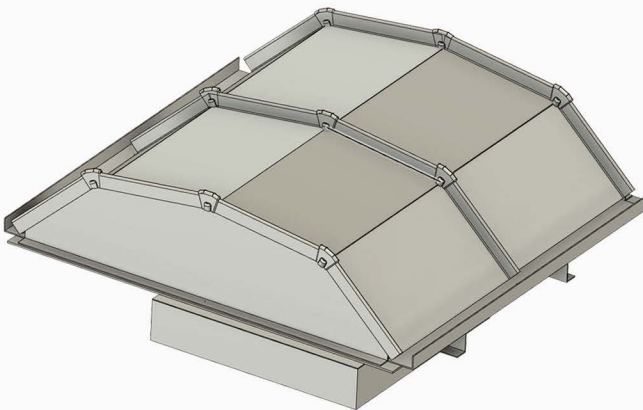
- Galvanized / Paint Grip Construction
- Insulation with 1.5# 1" insulation
- Side Double Deflection Supply Grill
- Bottom Egg Crate Return
- Mill Finish
- Custom Colors Available

Construction

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



GRAVITY VENT



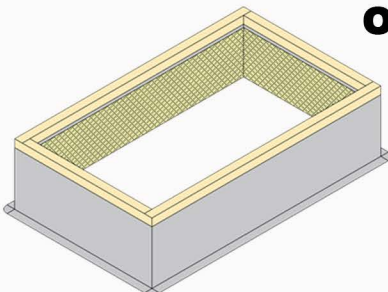
Standard Construction Details

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

Optional Features

Roof Curb
Roof Curb with Damper Tray
Shipped Knocked 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

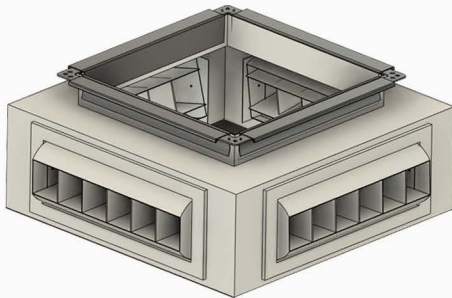
Standard Construction

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

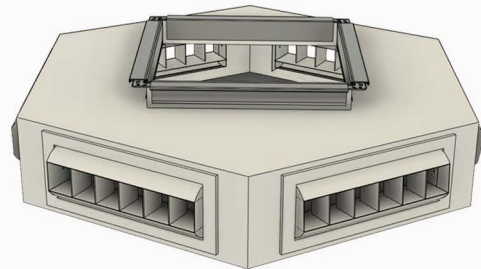
14 Gauge Mounting Bracket
Custom Color Option
Double Deflection Drum Louvers And Grill

Square Diffuser



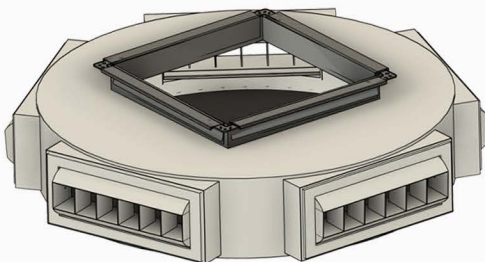
SIZES AVAILABLE
14" X 22" X 9"
THROUGH
38" X 58" X 15"

Hexagon Diffuser



SIZES AVAILABLE
14" X 33" X 9"
THROUGH
36" X 67" X 15"

Drum Diffuser



SIZES AVAILABLE
36", 48", 60" X DIA.
3, 4, OR 5 OUTLETS



AVAILABLE WITH CUSTOM
IMAGE OR LOGO



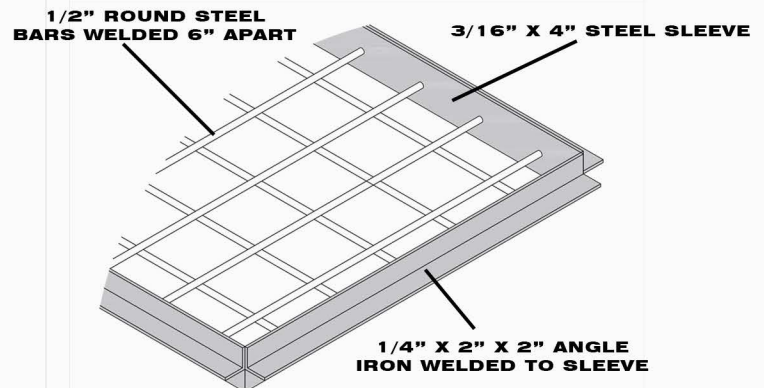
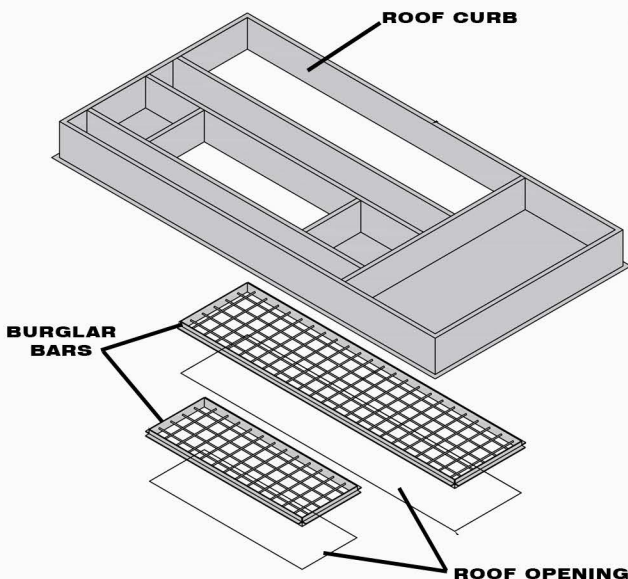
ROOF PRODUCTS

BURGLAR BARS RTU CURBS

ONE PIECE WELDED CONSTRUCTION

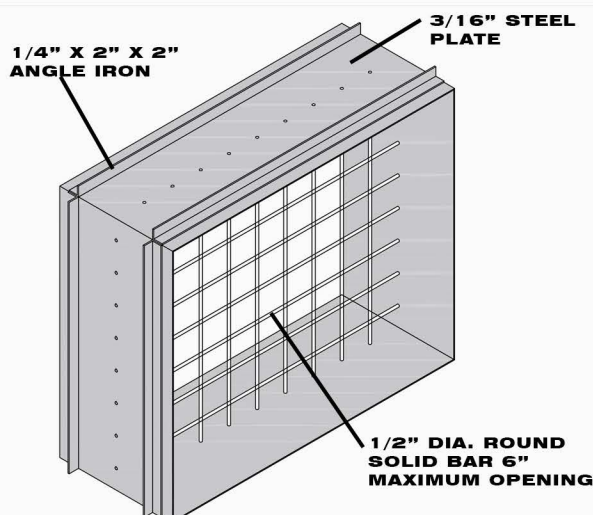
SLEEVES 3/16" X 4" STEEL PLATE, WELDED AT SEAMS

2 ANGLE FRAMES 1/4" X 2" X 2" STEEL ANGLE IRON WELDED TO SLEEVE



BURGLAR BARS WALL SLEEVE

CUSTOM MADE TO CUSTOMERS DIMENSIONS



SLEEVES 3/16" STEEL PLATE, WELDED AT SEAMS

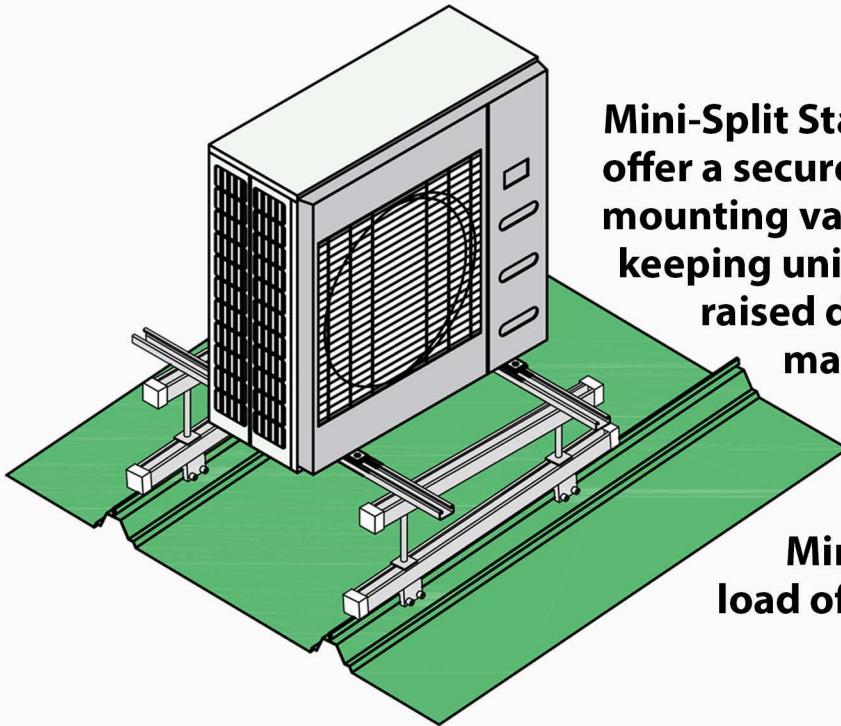
BARS CONSTRUCTED WITH 1/2" DIA. ROUND SOLID BARS WITH MAXIMUM OPENING OF 6"

2 ANGLE FRAMES 1/4" X 2" X 2" STEEL ANGLE IRON WELDED AT CORNERS (SHIPPED LOOSE AND UNPAINTED FOR FIELD MOUNTING)

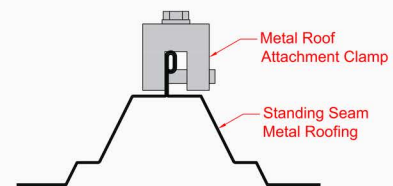
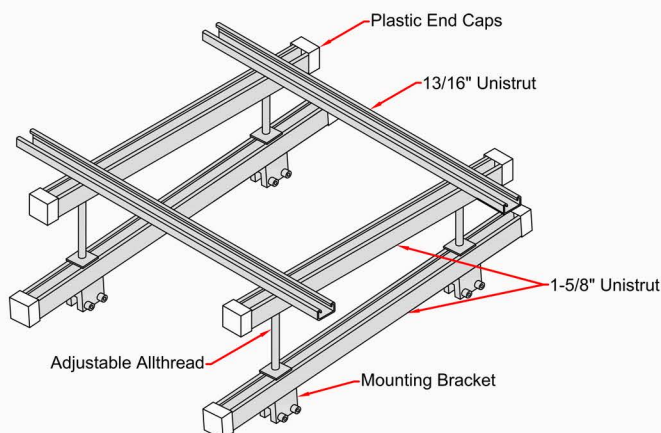


ROOF PRODUCTS

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).

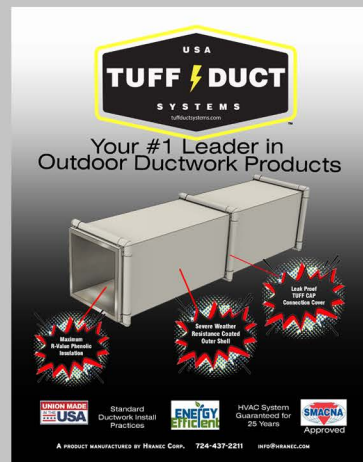
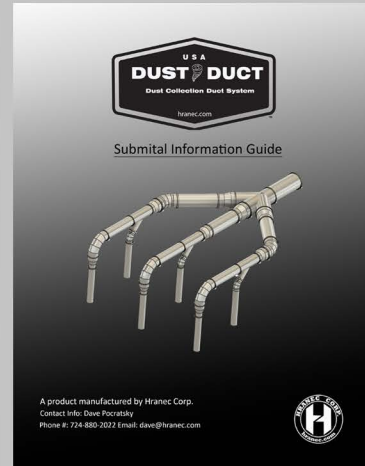


**METAL ROOF
ATTACHMENT CLAMP**

METAL ROOF MINI-SPLIT FRAME

HRANEC

Corporation



724-437-2211
www.hranec.com