

# NEW PRODUCTS & ACCESSORIES INSIDE 風

💫 H-Block®Rooftop Support Systems Engineering Catalog 🔹 No. 3 🍨 January 2016

# THE **HAYDON**<sup>®</sup>ADVANTAGE

aydon Corporation's commitment to quality ensures that customers receive unparalleled levels of service -- where knowledgeable staff knows the business and more importantly, the needs of the customer.

#### **Highest Quality Products and Shipping**





#### H-BLOCK Rooftop Support Systems **NEW** Video Series @ www.haydoncorp.com





•All items are packaged in a convenient manner for the customer and to avoid shipping damage.

Assembled components are shrink wrapped are strapped together on a pallet.

Smaller components are wrapped and boxed, placed inside the component frame to avoid errors during assembly.

• Every order is shipped with a list of kit contents.

• Customizable kits for any application.

The H-Block Support Systems can support all of the following:

- Solar Racking
- Pipe & Conduit • Duct work & HVAC
- Cable Tray Systems
- Ceiling Grids
- Roof Walkways

and many other applications

#### ABOUT HAYDON CORPORATION

Since 1956, Haydon Corporation has been a leading manufacturer of metal framing systems, serving the industrial and commercial construction industries, as well as the communications and OEM markets. In addition, Haydon serves the residential and commercial hydronic heating industry with a full line of hot water baseboard heating products.

The company's strengths are defined by superior products and, most importantly, the best customer service in the industries served.

Over the years, Haydon has grown into a recognized manufacturer of its own branded products, including H-Strut<sup>®</sup> Metal Framing Systems, Haydon hydronic radiation products and its newest line - the H-Block<sup>®</sup> Rooftop Support Systems.

Haydon's manufacturing facilities are strategically located in the Northeast and Southwest with stocking distribution locations nationwide. Because of the continuous focus on investment in equipment and technology, Haydon customers are assured of quality products and timely delivery.

Haydon's seasoned staff and advanced engineering department stand ready to meet customer's every requirement. For more information, contact 1-800-2-HAYDON or visit the newly design website at www.haydoncorp.com.



## SPECIAL FEATURES

The channel for H-Block support assemblies includes a variety of options. The channel can be made in special lengths, finishes, and alloys including aluminum, stainless steel 304 & 316, PVC coated, powder coated Supr-Green, white or gray; zinc trivalent chromium, pre-galvanized and hot dipped galvanized. See Haydon's engineering catalog at www.haydoncorp.com for a full product selection of channel and hardware.



Scan to see Haydon's H-Strut Metal Framing Engineering Catalog

## H-PAD SLIP SHEET



- Made from 100% post-consumer products
- LEEDs Certifiable
- Meets the Buy America Act & the American Reinvestment Recovery Act (A.R.R.A.)
- Independent Laboratory Tested
- Resistance to Freeze and Thaw
- No deteriorations
- All 4 Corners coated with ANSI #2535.1.1998 Orange for maximum visibility
- Dampens vibrations
- Compatible with most rooftop materials
- Protects ALL types of rooftop membranes
- Complies with most Building Codes
- Creates long-term sustainability for the H-Block Rooftop Support System
- Made from EPDM Rubber 60 mil thickness
- Limits movement
- \* Recommended to be used with HBS-Roller Series, HBS-CE Extension Series and HBS-PH Pipe Hanger Series

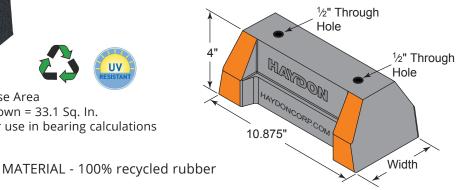
## **HBS-BASE SERIES**



The HBS-Base Series is UV resistant and suitable for installation on most types of roofing material or other flat surfaces. Can be used as a curb (sleeper) replacement. Screw fasteners can be used to attach one or two hole pipe straps or a piece of strut (not included).



Shown = 33.1 Sq. In. For use in bearing calculations



#### **HBS-Base Series**

Model No.	Height	Width	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-Standard-Base Only	4" (101mm)	5" (127mm)	10 <sup>7</sup> ⁄8" (276mm)	4.80	2,500	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity.

## **HBS SERIES**

HBS-24 shown with two bases



Like all of the H-Block supports, the HBS Series is perfect for supporting natural gas and refrigeration piping systems, cable tray, electrical conduit, multiple lines, HVAC equipment and many other applications.

The HBS Series provides a longer mounting surface with strut lengths up to 8'.

Standard strut mount pipe clamps are used to secure the pipes. (See page 21).

The HBS Series is suitable for installation on most types of roofing material or other flat surfaces.

> Rooftop supports come pre-assembled

**Specifications** 

Strut Length B<sub>ase</sub> Length H-Block Support with

47/8"

<sup>13</sup>/<sub>16</sub>" H-164 Channel BASE MATERIAL - 100% recycled rubber

Width

Width

UV

**9**<sup>5</sup>/16

HAVEDOW

TAYDONCORP.COM

Base

Length

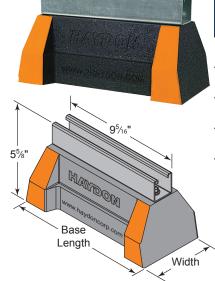
#### HBS-Support With <sup>13</sup>/<sub>16</sub>" H-164 Pre-Galvanized Steel Channel

Model No.	Height	Width	No. of Bases Required	Strut Length	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-10-H-164-PG			1	9.312" (237mm)	10¾" (276mm)	5.62	2,500	2.0
HBS-24-H-164-PG	47/8"	5"	2	22.375" (568mm)	24" (610mm)	11.56	5,000	2.0
HBS-36-H-164-PG	(124mm)	(127mm)	3	34.375" (873mm)	36" (914mm)	17.41	7,500	2.0
HBS-48-H-164-PG			4	46.375" (1178mm)	48" (1219mm)	23.25	10,000	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity. \*\* Not recommended to be used with any pipe roller series.

Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

#### HBS-Support With 1<sup>5</sup>/<sub>8</sub>" H-132 Pre-Galvanized Steel Channel



Model No.	Height	Width	No. of Bases Required	Strut Length	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-10-H-132-PG			1	9.312" (237mm)	107/8" (276mm)	6.26	2,500	2.0
HBS-24-H-132-PG	55%"	5"	2	22.375" (568mm)	24" (610mm)	13.10	5,000	2.0
HBS-36-H-132-PG	(143mm)	(127mm)	3	34.375" (873mm)	36" (914mm)	19.77	7,500	2.0
HBS-48-H-132-PG			4	46.375" (1178mm)	48" (1219mm)	26.44	10,000	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity.

Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.



#### **Specifications**

H-Block Support with 1<sup>5</sup>/<sub>8</sub>" H-132 Channel BASE MATERIAL - 100% recycled rubber

www.haydoncorp.com



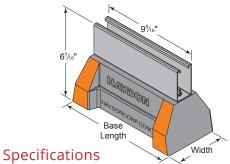
## **HBS-6 SERIES**



Like all of the H-Block supports, the HBS-6 Series is perfect for supporting natural gas and refrigeration piping systems, cable tray, electrical conduit, multiple lines, HVAC equipment and many other applications. The HBS-6 Series provides a longer mounting surface with strut lengths up to 8'. The HBS-6 Series is UV resistant and suitable for installation on most types of roofing material or other flat surfaces.

Rooftop supports come pre-assembled

HBS- Support With 2<sup>7</sup>/<sub>16</sub>" H-122 Pre-Galvanized Steel Channel



H-Block Support with 27/16" H-122 Channel

BASE MATERIAL - 100% recycled rubber

Model No.	Height	Width	No. of Bases Required	Strut Length	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-6-10-H-122-PG			1	9.312" (237mm)	107⁄8" (276mm)	6.69	2,500	2.0
HBS-6-24-H-122-PG	6 <sup>7</sup> ⁄16"	5"	2	22.375" (568mm)	24" (610mm)	14.13	5,000	2.0
HBS-6-36-H-122-PG	(165mm)	(127mm)	3	34.375" (873mm)	36" (914mm)	21.35	7,500	2.0
HBS-6-48-H-122-PG			4	46.375" (1178mm)	48" (1219mm)	28.58	10,000	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

## **HBS-HPC SERIES**



Like all of the H-Block supports, the HBS-HPC Series is perfect for supporting natural gas and refrigeration piping systems, multiple lines, HVAC equipment and many other applications. The HBS-HPC Series is UV resistant and suitable for installation on most types of roofing material or other flat surfaces.

Rooftop supports come pre-assembled

#### Specifications

H-Block Support with hinged pipe clamp or rigid conduit and threaded rod BASE MATERIAL - 100% recycled rubber



#### HBS-Support With Threaded Rod and 2 Pipe Clamps

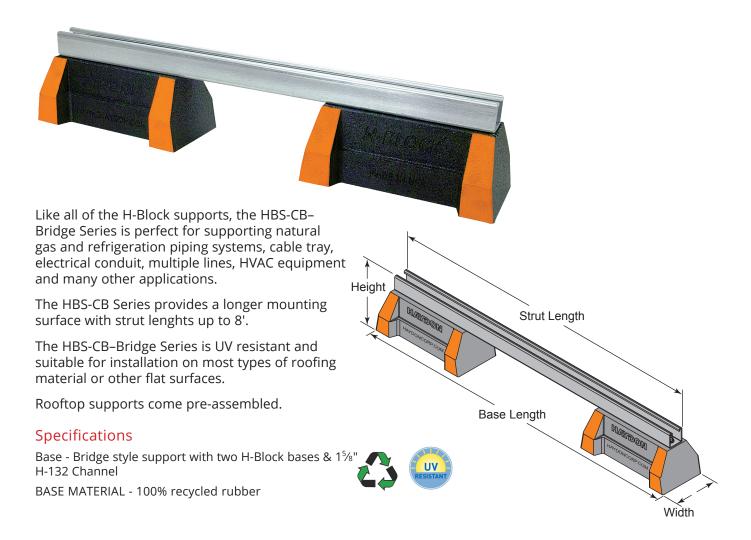
Model No.	Height	Width	Base Length	Weight (Lbs)	Total Load From Both Pipes (Lbs) *	Safety Factor
HBS-HPC-1/2"-EG				6.3	250	2.0
HBS-HPC-¾"-EG				6.4	250	2.0
HBS-HPC-1"-EG	10"-12"	F" (127mm)	(5/ " (160mm)	6.5	250	2.0
HBS-HPC-1 <sup>1</sup> /4"-EG	(254mm- 305mm)	5" (127mm)	65⁄%" (168mm)	6.6	250	2.0
HBS-HPC-1 <sup>1</sup> /2"-EG				6.7	250	2.0
HBS-HPC-2"-EG				6.9	250	2.0

\* Each individual pipe to have maximum load of 125 lbs. This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity.

Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

#### PRODUCT CATALOG 800-2-HAYDON

## **HBS-CB BRIDGE SERIES**



#### HBS-CB-Bridge Series - Bridge Length Supports With 2 HBS Bases and Channel

Model No.	Height	Width	Strut Length	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-CB10-28-H-132-PG			28" (711mm)	29¾" (756mm)	13.96	1,253	2.0
HBS-CB10-36-H-132-PG			36" (914mm)	37¾" (959mm)	15.18	974	2.0
HBS-CB10-42-H-132-PG	55⁄%" (143mm)	5" (127mm)	42" (1067mm)	43¾" (1111mm)	16.09	835	2.0
HBS-CB10-50-H-132-PG			50" (1270mm)	51¾" (1314mm)	17.31	702	2.0
HBS-CB10-60-H-132-PG			60" (1524mm)	61 <sup>3</sup> ⁄4" (1568mm)	18.84	585	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.



## **HBS-CE EXTENSION SERIES**



HBS-CE-Extension Series is perfect for supporting natural gas and refrigeration piping systems, cable tray, electrical conduit, multiple lines, HVAC equipment and many other applications.

The HBS-CE-Extension is UV resistant and suitable for installation on most types of roofing material or other flat surfaces.

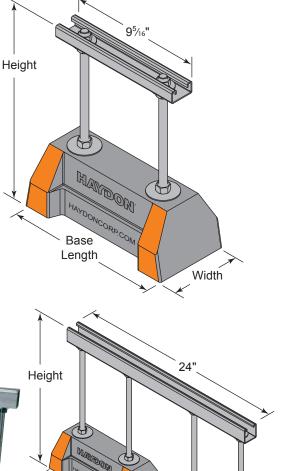
Rooftop supports come pre-assembled

#### **Specifications**

1<sup>5</sup>/<sub>8</sub>" H-132 Channel

recycled rubber





Base Length

#### HBS-CE-Extension Series Support With Threaded Rod Extension and Channel

Model No.	Height	Width	No. of Bases Required	Strut Length	Strut Size	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-CE10-8-H-164-PG	8" (203mm)		1	9.312"	<sup>13</sup> / <sub>16</sub> "	107⁄8"	6.89	1,000	2.0
HBS-CE10-12-H-164-PG	12" (305mm)	5" (127mm)	1	(237mm)	H-164	(276mm)	7.34	1,000	2.0
HBS-CE24-16-H-132-PG	16" (406mm)		2	24.000" (610mm)	1⁵⁄%" H-132	26" (660mm)	15.85	1,462	2.0

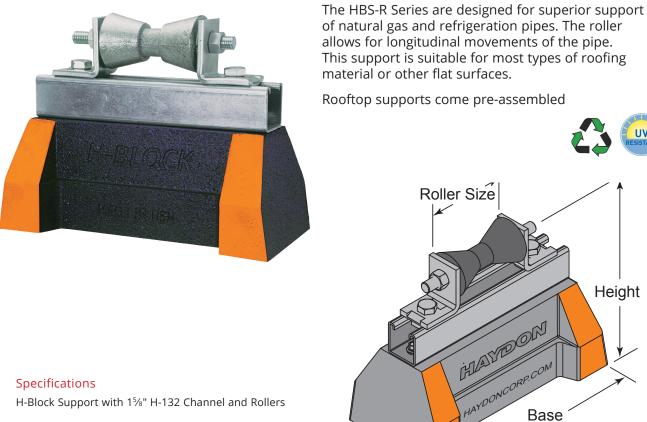
\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity. \*\* Not recommended to be used with any pipe roller series.

Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

7

Width

## **HBS-R ROLLER SERIES**



BASE MATERIAL - 100% recycled rubber PIPE O.D. - 1" thru 10"

#### HBS-R-Roller-Series With 1<sup>5</sup>/<sub>8</sub>" H-132 Pre-Galvanized Steel Channel With Rollers

Model No.	Pipe Size (O.D.)	Overall Height	Height to Roller Center	Strut Length	Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-R10-1-2-H-132-PG	1" to 2" (25 to 51mm)	8"					1	9.13	2,500	2.0
HBS-R10-2-3 <sup>1</sup> ⁄2-H-132-PG	2" to 3½" (51 to 89mm)	(203mm)	7" (178mm)	9.312"	5"	107⁄8" (276mm)	1	8.94	2,500	2.0
HBS-R10-4-6-H-132-PG	4" to 6" (102 to 152mm)	8 <sup>1</sup> /8" (206mm)		(237mm)			1	9.37	2,500	2.0
HBS-R24-8-10-H-132-PG	8" to 10" (203 to 1254mm)	105⁄16" (262mm)	85%" (219mm)			24" (610mm)	2	21.26	3,767	2.0

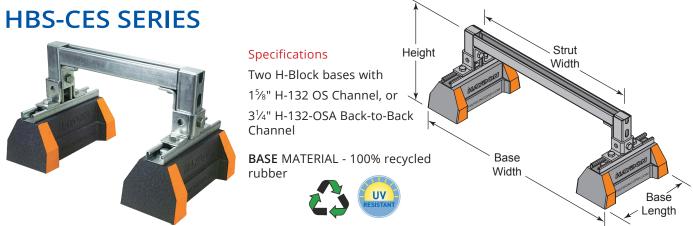
Width

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

www.haydoncorp.com

Length





The HBS-CES-Medium Series can support natural gas and refrigeration piping systems, cable tray, electrical conduit, multiple lines, HVAC equipment and many other applications. They are designed for rooftop applications requiring a heavier load bearing capacity, and are suitable for most types of roofing material or other flat surfaces.

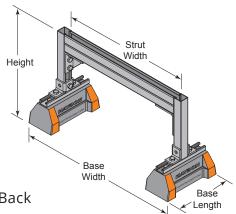
#### Raised Bridge Length With 2 HBS Bases 1<sup>5</sup>/<sub>8</sub>" H-132 Pre-Galvanized Steel Channel

Model No.	Height	Base Width	Strut Width	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-CES-10-12-H-132-PG	10"	185⁄%" (473mm)	12" (305mm)	107/8"	19.35	2,572	2.0
HBS-CES-10-24-H-132-PG	(254mm)	30⁵%" (763mm)	24" (610mm)	(276mm)	21.05	1,286	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.



The HBS-CES-Heavy Series is designed for rooftop applications requiring a heavier load bearing capacity. It is suitable for most types of roofing material or other flat surfaces.

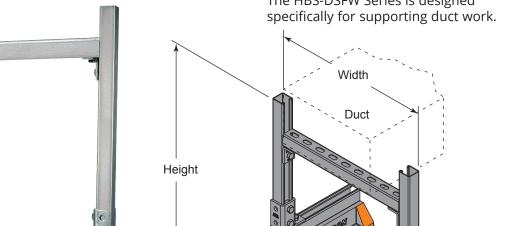


Raised Bridge Length With 2 HBS Bases 3<sup>1</sup>/<sub>4</sub>" H-132-A Back-to-Back Pre-Galvanized Steel Channel

Model No.	Height	Base Width	Strut Width	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-CES-16-24-H-132-A-PG	16"	30⁵⁄%" (763mm)	24" (610mm)	107/8"	30.62	2,940	2.0
HBS-CES-16-36-H-132-A-PG	(406mm)	42⁵⁄%" (1067mm)	36" (914mm)	(276mm)	32.96	2,738	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

## HBS-DSFW FIXED WIDTH & ADJUSTABLE HEIGHT DUCT SUPPORT The HBS-DSFW Series is designed



Specifications

Fixed Width & Adj. Height. All hardware required for assembly is included.

#### BASE MATERIAL - 100% recycled rubber

Crossbeams - 1<sup>5</sup>/<sub>8</sub>" H-132-OS (9/16" slot) Channel

#### HBS-DS Duct Support Series With Fixed Width And Adjustable Height

Model No.	Height	Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-DS2FW-23-18-H-132-PG		18" (457mm)			39.80	1,715	2.0
HBS-DS2FW-23-24-H-132-PG	23"	24" (610mm)	24"	4	40.67	1,286	2.0
HBS-DS2FW-23-36-H-132-PG	(584mm)	36" (914mm)	(610mm)	4	42.33	857	2.0
HBS-DS2FW-23-48-H-132-PG		48" (1219mm)			43.99	643	2.0
HBS-DS2FW-29-18-H-132-PG		18" (457mm)			41.58	1,715	2.0
HBS-DS2FW-29-24-H-132-PG	29"	24" (610mm)	24"	4	42.41	1,286	2.0
HBS-DS2FW-29-36-H-132-PG	(737mm)	36" (914mm)	(610mm)	4	44.08	857	2.0
HBS-DS2FW-29-48-H-132-PG		48" (1219mm)			45.74	643	2.0
HBS-DS2FW-41-18-H-132-PG		18" (457mm)			45.07	1,715	2.0
HBS-DS2FW-41-24-H-132-PG	41"	24" (610mm)	24"	4	45.90	1,286	2.0
HBS-DS2FW-41-36-H-132-PG	(1041mm)	36" (914mm)	(610mm)	4	47.56	857	2.0
HBS-DS2FW-41-48-H-132-PG		48" (1219mm)			49.22	643	2.0
HBS-DS3FW-53-18-H-132-PG		18" (457mm)			62.23	1,715	2.0
HBS-DS3FW-53-24-H-132-PG	53"	24" (610mm)	36"		63.06	1,286	2.0
HBS-DS3FW-53-36-H-132-PG	(1346mm)	36" (914mm)	(914mm)	6	64.72	857	2.0
HBS-DS3FW-53-48-H-132-PG		48" (1219mm)			66.38	643	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

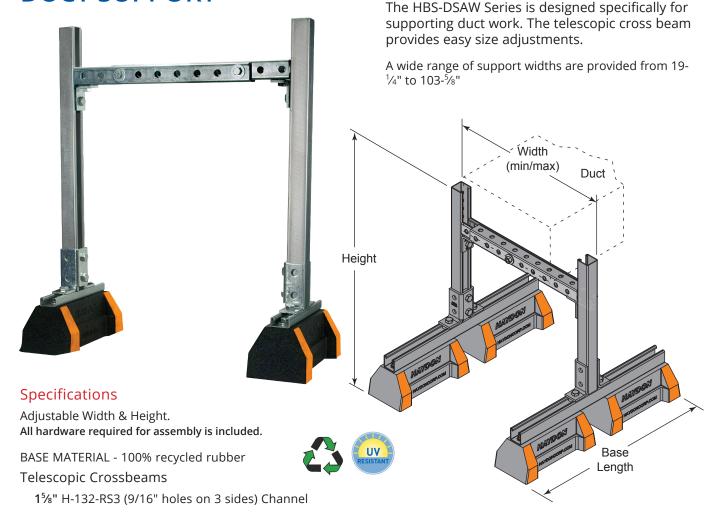
www.haydoncorp.com



Base

Length

## HBS-DSAW ADJUSTABLE WIDTH & HEIGHT DUCT SUPPORT



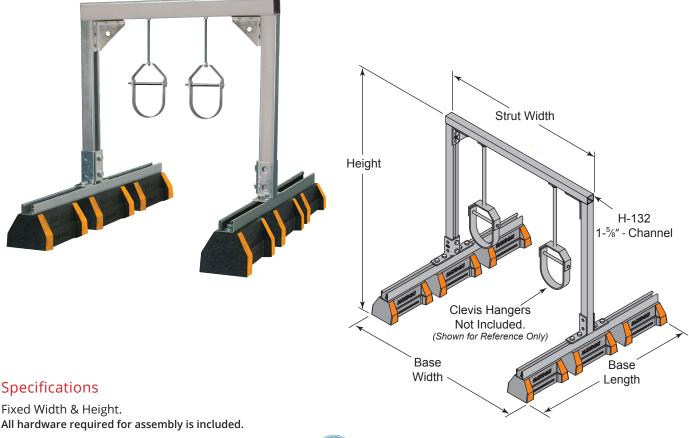
	Wi	dth					Uniform	
Model No.	Minimum	Maximum	Height	Base Length	No. of Bases	Weight (Lbs)	Load Capacity At Min. Width (Lbs) *	Safety Factor
HBS-DSAW-29-20-26-H-132-PG	19¼" (489mm)	26³⁄4" (679mm)		10 <sup>7</sup> ⁄8" (276mm)	n	29.61	1,604	2.0
HBS-DSAW-29-25-39-H-132-PG	24 <sup>7</sup> ⁄8" (632mm)	39 <sup>7</sup> ⁄8" (1013mm)	28.813"	1078 (27011111)	2	31.19	1,241	2.0
HBS-DS2AW-29-38-62-H-132-PG	38" (965mm)	62¾" (1575mm)	(732mm)	24" (610mm)	4	46.47	812	2.0
HBS-DS3AW-29-63-103-H-132-PG	62¾" (1584mm)	1035/8" (2617mm)		36" (914mm)	6	66.90	495	2.0
HBS-DSAW-36-20-26-H-132-PG	19¼" (489mm)	26¾" (679mm)		10 <sup>7</sup> ⁄8" (276mm)	n	30.61	1,604	2.0
HBS-DSAW-36-25-39-H-132-PG	24 <sup>7</sup> ⁄8" (632mm)	39 <sup>7</sup> ⁄8" (1013mm)	36"	1078 (27011111)	Z	32.19	1,241	2.0
HBS-DS2AW-36-38-62-H-132-PG	38" (965mm)	62-¾" (1575mm)	(914mm)	24" (610mm)	4	47.47	812	2.0
HBS-DS3AW-36-63-103-H-132-PG	62¾" (1584mm)	103-5⁄8" (2617mm)		36" (914mm)	6	67.90	495	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

PRODUCT CATALOG 800-2-HAYDON

## HBS-PH 36" LIGHT DUTY PIPE HANGER SUPPORT

The HBS-PH Series is designed specifically for supporting piping.



BASE MATERIAL - 100% recycled rubber Crossbeams - 15%" H-132 Channel



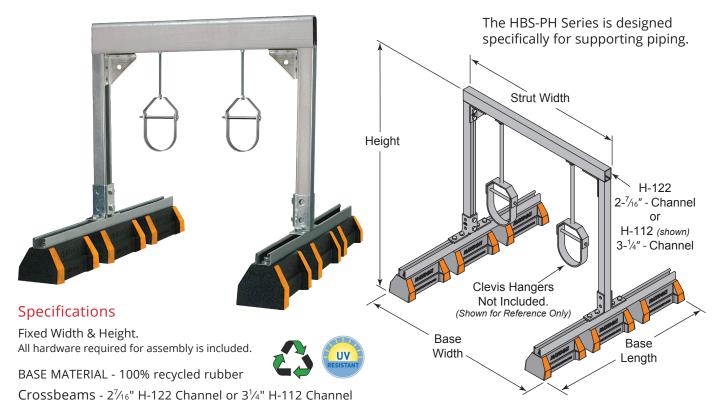
#### HBS-PH 36" Light Duty Pipe Hanger Support Series with H-132PG Top Support

Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-PH-36-36-H-132-PG		36" (914mm)	39¾" (1000mm)			62	464	2.0
HBS-PH-36-48-H-132-PG	36"	48" (1219mm)	51¾" (1305mm)	36"	6	64	348	2.0
HBS-PH-36-60-H-132-PG	(914mm)	60" (1524mm)	63¾" (1610mm)	(914mm)	0	66	280	2.0
HBS-PH-36-72-H-132-PG		72" (1829mm)	75¾" (1915mm)			68	232	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

HAYDON

## HBS-PH 36" MEDIUM DUTY PIPE HANGER SUPPORT



HBS-PH 36" Medium Duty Pipe Hanger Support Series with H-122 PG Top Support

Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs)*	Safety Factor
HBS-PH-36-36-H-122-PG		36" (914mm)	39¾" (1000mm)			63	884	2.0
HBS-PH-36-48-H-122-PG	36"	48" (1219mm)	51¾" (1305mm)	36"	c	66	664	2.0
HBS-PH-36-60-H-122-PG	(914mm)	60" (1524mm)	63¾" (1610mm)	(914mm)	0	68	532	2.0
HBS-PH-36-72-H-122-PG		72" (1829mm)	75¾" (1915mm)			71	444	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

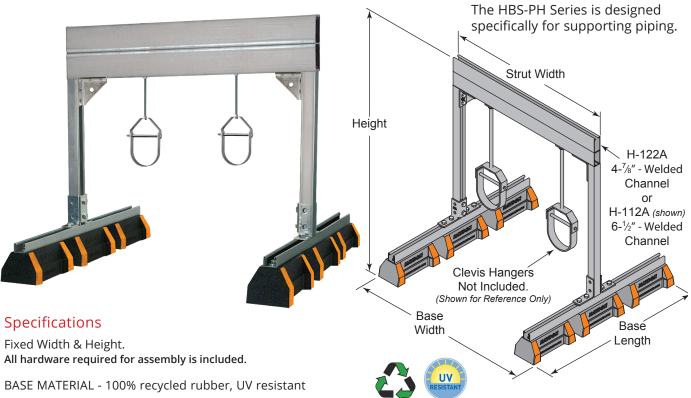
#### HBS-PH 36" Medium Duty Pipe Hanger Support Series with H-112 PG Top Support

Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-PH-36-36-H-112-PG		36" (914mm)	39¾" (1000mm)			65	1,416	2.0
HBS-PH-36-48-H-112-PG	36"	48" (1219mm)	51¾" (1305mm)	] 36" (914mm)	C	68	1,060	2.0
HBS-PH-36-60-H-112-PG	(914mm)	60" (1524mm)	63¾" (1610mm)	30 (91411111)	6 -	71	848	2.0
HBS-PH-36-72-H-112-PG		72" (1829mm)	75¾" (1915mm)			74	708	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

PRODUCT CATALOG 800-2-HAYDON

## HBS-PH 36" HEAVY DUTY PIPE HANGER SUPPORT



#### Crossbeams - 47/8" H-122A Channel or 61/2" H-112A Channel

HBS-PH 36" Heavy Duty Pipe Hanger Support Series with H-122A PG Top Support

Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-PH-36-36-H-122A-PG		36" (914mm)	39¾" (1000mm)			70	2,088	2.0
HBS-PH-36-48-H-122A-PG	36"	48" (1219mm)	51¾" (1305mm)	36"	c	75	1,948	2.0
HBS-PH-36-60-H-122A-PG	(914mm)	60" (1524mm)	63¾" (1610mm)	(914mm)	D	80	1,560	2.0
HBS-PH-36-72-H-122A-PG		72" (1829mm)	75¾" (1915mm)			84	1,300	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

#### HBS-PH 36" Heavy Duty Pipe Hanger Support Series with H-112A PG Top Support

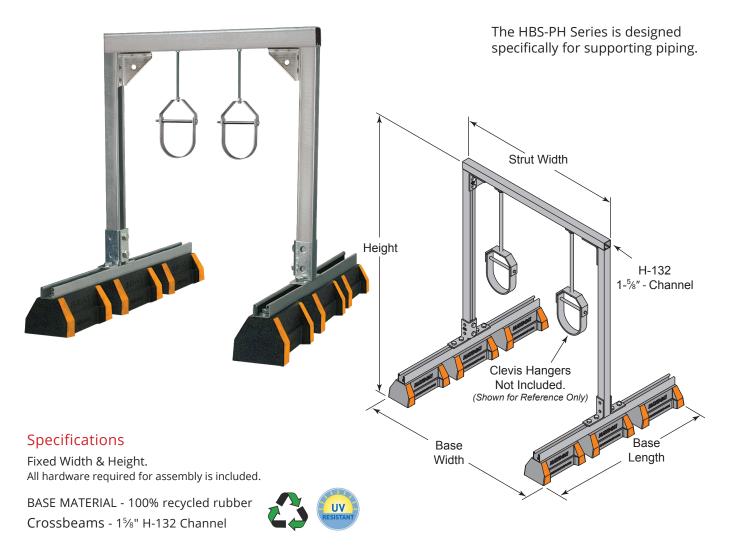
Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-PH-36-36-H-112A-PG		36" (914mm)	39¾" (1000mm)			73	2,756	2.0
HBS-PH-36-48-H-112A-PG	36"	48" (1219mm)	51¾" (1305mm)	36"	6	79	2,756	2.0
HBS-PH-36-60-H-112A-PG	(914mm)	60" (1524mm)	63¾" (1610mm)	(914mm)	6	85	2,580	2.0
HBS-PH-36-72-H-112A-PG		72" (1829mm)	75¾" (1915mm)			91	2,148	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

www.haydoncorp.com



## HBS-PH 48" LIGHT DUTY PIPE HANGER SUPPORT

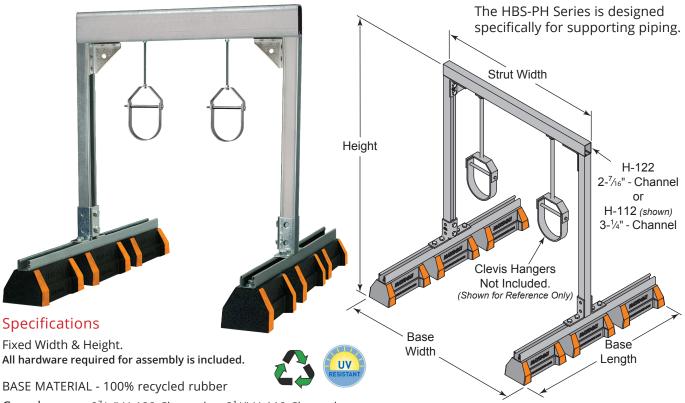


#### HBS-PH 48" Light Duty Pipe Hanger Support Series with H-132PG Top Support

Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-PH-48-36-H-132-PG		36" (914mm)	39¾" (1000mm)			66	464	2.0
HBS-PH-48-48-H-132-PG	48"	48" (1219mm)	51¾" (1305mm)	36"	G	68	348	2.0
HBS-PH-48-60-H-132-PG	(1219mm)	60" (1524mm)	63¾" (1610mm)	(914mm)	0	70	280	2.0
HBS-PH-48-72-H-132-PG		72" (1829mm)	75¾" (1915mm)			72	232	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

## HBS-PH 48" MEDIUM DUTY PIPE HANGER SUPPORT



Crossbeams - 27/16" H-122 Channel or 31/4" H-112 Channel

#### HBS-PH 48" Medium Duty Pipe Hanger Support Series with H-122 PG Top Support

Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-PH-48-36-H-122-PG		36" (914mm)	39¾" (1000mm)			67	884	2.0
HBS-PH-48-48-H-122-PG	48"	48" (1219mm)	51¾" (1305mm)	36"	6	70	664	2.0
HBS-PH-48-60-H-122-PG	(1219mm)	60" (1524mm)	63¾" (1610mm)	(914mm)	0	72	532	2.0
HBS-PH-48-72-H-122-PG		72" (1829mm)	75¾" (1915mm)			75	444	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

#### HBS-PH 48" Medium Duty Pipe Hanger Support Series with H-112 PG Top Support

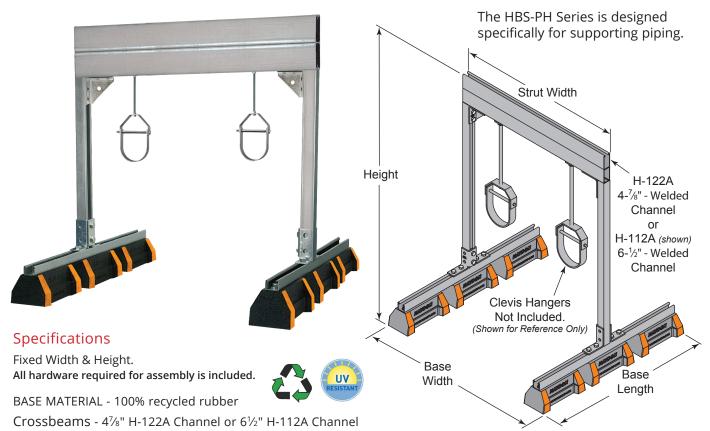
Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-PH-48-36-H-112-PG		36" (914mm)	39¾" (1000mm)			69	1,416	2.0
HBS-PH-48-48-H-112-PG	48"	48" (1219mm)	51¾" (1305mm)	36"	6	72	1,060	2.0
HBS-PH-48-60-H-112-PG	(1219mm)	60" (1524mm)	63¾" (1610mm)	(914mm)	0	75	848	2.0
HBS-PH-48-72-H-112-PG		72" (1829mm)	75¾" (1915mm)			78	708	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

www.haydoncorp.com



## HBS-PH 48" HEAVY DUTY PIPE HANGER SUPPORT



#### HBS-PH 48" Heavy Duty Pipe Hanger Support Series with H-122A PG Top Support

Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-PH-48-36-H-122A-PG		36" (914mm)	39¾" (1000mm)			74	2,088	2.0
HBS-PH-48-48-H-122A-PG	48"	48" (1219mm)	51¾" (1305mm)	36"	6	79	1,948	2.0
HBS-PH-48-60-H-122A-PG	(1219mm)	60" (1524mm)	63¾" (1610mm)	(914mm)	0	83	1,560	2.0
HBS-PH-48-72-H-122A-PG		72" (1829mm)	75¾" (1915mm)			88	1,300	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

#### HBS-PH 48" Heavy Duty Pipe Hanger Support Series with H-112A PG Top Support

Model No.	Height	Strut Width	Base Width	Base Length	No. of Bases	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBS-PH-48-36-H-112A-PG		36" (914mm)	39¾" (1000mm)			77	2,756	2.0
HBS-PH-48-48-H-112A-PG	48"	48" (1219mm)	51¾" (1305mm)	36"	c	82	2,756	2.0
HBS-PH-48-60-H-112A-PG	(1219mm)	60" (1524mm)	63¾" (1610mm)	(914mm)	0	88	2,580	2.0
HBS-PH-48-72-H-112A-PG		72" (1829mm)	75¾" (1915mm)			94	2,148	2.0

\* This load is only for the capacity of the components in this assembly with the pipe hangers located at a distance 1/4 from each end of the top channel. For any other loading scenario, please consult the appropriate engineer. Please consult Roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

PRODUCT CATALOG 800-2-HAYDON

H-BLOCK ROOFTOP SUPPORT SYSTEMS

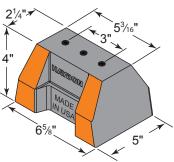
## **HBM-BASE ONLY SERIES**



The HBM Series is designed specifically for single pipe supporting.

Specifications H-Block Mini Support

Material - 100% recycled rubber



H-164-PG

Strut Channel

5"

#### HBM-Base Series

Model No.	Height	Width	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBM-Standard-Base Only	4" (101mm)	5" (127mm)	6⁵⁄ଃ" (168mm)	2.50	400	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity

## **HBM-SERIES**

NEW



The HBM Series is designed specifically for single pipe supporting.

Specifications H-Block Mini Support with <sup>13</sup>/<sub>16</sub>" H-164 Channel

Base Material - 100% recycled rubber

#### HBM-Support With <sup>13</sup>/16" H-164 Pre-Galvanized Steel Channel

Model No.	Height	Width	Base Length	Weight Uniform Load Capacity (Lbs) (Lbs) * Safety Fa		Safety Factor
HBM-5-H-164-PG	4 <sup>7</sup> /8" (124mm)	5" (127mm)	65⁄%" (168mm)	2.9	400	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity.

\*\* Not recommended to be used with any pipe roller series.

Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.



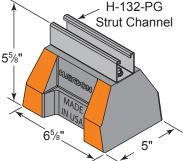
Specifications

H-Block Mini Support with 15/8" H-132 Channel

Base Material - 100% recycled rubber



4<sup>13</sup>/16"



#### HBM-Support With 1<sup>5</sup>/<sub>8</sub>" H-132 Pre-Galvanized Steel Channel

Model No.	Height	Width	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBM-5-H-132-PG	4 <sup>7</sup> /8" (124mm)	5" (127mm)	65⁄8" (168mm)	3.4	400	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.



## **HBM-HINGED PIPE CLAMP SERIES**



#### HBM-Support With Threaded Rod and Pipe Clamp

Model No.	Height	Width	Base Length	Weight (Lbs)	Total Load From Pipe (Lbs) *	Safety Factor
HBM-HPC-1/2"-EG				2.7		2.0
HBM-HPC-¾"-EG			65⁄%" (168mm)	2.8	125	2.0
HBM-HPC-1"-EG	10"-12" (254mm-	<b>F</b> (1) <b>7 m m h</b>		2.9		2.0
HBM-HPC-11/4"-EG	305mm)	5" (127mm)		3.0	125	2.0
HBM-HPC-1 <sup>1</sup> / <sub>2</sub> "-EG	]			3.1		2.0
HBM-HPC-2"-EG				3.3		2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

## **HBM-EXTENSION SERIES**



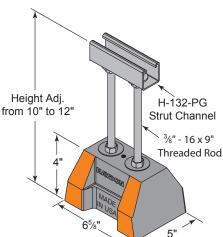
The HBM-CE5 Series is designed specifically for single pipe supporting.

#### Specifications

H-Block Mini Support with 1<sup>5</sup>/<sub>8</sub>" H-132 Channel and <sup>3</sup>/<sub>8</sub>" Threaded Rod

Base Material - 100% recycled rubber





#### HBM-Support With 1<sup>5</sup>/" H-132 Pre-Galvanized Steel Channel And Threaded Rod

Model No.	Height	Width	Base Length	Weight (Lbs)	Uniform Load Capacity (Lbs) *	Safety Factor
HBM-CE5-10-12-H-132	4 <sup>7</sup> ⁄8" (124mm)	5" (127mm)	65/%" (168mm)	4.0	175	2.0

\* This load is only for the capacity of the components in this assembly. Please consult roofing manufacturer or engineer for roof load capacity. Strut Torque Setting - All load capacitites stated herein are based on the use of Haydon Grip Lock Nuts tightened to the torque values shown in technical section page 21. When attaching strut to H-Block recommended bolt torque settings 10 to 12 ft-lbs.

## **PIPE CHARTS**

<u>1" Pip</u> e Size - 1.313" O.D.									
Schedule No. 40 80 160									
Wall Designation	Std.	XS		XXS					
Thickness - In.	0.133	0.179	0.250	0.358					
Pipe - Lbs/Ft.	1.68	2.17	2.84	3.66					
Water - Lbs/Ft.	0.37	0.31	0.23	0.12					

2" Pipe Size - 2.375" O.D.									
Schedule No. 40 80 160									
Wall Designation	Std.	XS		XXS					
Thickness - In.	0.154	0.218	0.343	0.436					
Pipe - Lbs/Ft.	3.65	5.02	7.45	9.03					
Water - Lbs/Ft.	1.46	1.28	0.97	0.77					

3-1/2" Pipe Size - 4.000" O.D.

1-1⁄4" P	<u> </u>									
Schedule No.	40	80	160							
Wall Designation	Std.	XS		XXS						
Thickness - In.	0.140	0.191	0.25	0.382						
Pipe - Lbs/Ft.	2.27	3.00	3.76	5.22						
Water - Lbs/Ft.	0.65	0.56	0.46	0.27						

2-1⁄2" P	<u>2-½" Pipe Size - 2.875" O.D.</u>									
Schedule No.	40	80	160							
Wall Designation	Std.	XS		XXS						
Thickness - In.	0.203	0.276	0.375	0.552						
Pipe - Lbs/Ft.	5.79	7.66	10.0	13.7						
Water - Lbs/Ft.	2.08	1.84	1.54	1.07						

4" Pipe Size - 4.500" O.D.

80

XS 0.237 0.337 0.437 0.531

15.0

4.98

120

19.0

4.47

160

22.5

4.02

XXS

0.674

27.5

3.38

40

Std.

10.8

5.51

<u>1-½" Pipe Size - 1.900" O.D.</u>									
Schedule No. 40 80 160									
Wall Designation	Std.	XS		XXS					
Thickness - In.	0.145	0.200	0.281	0.400					
Pipe - Lbs/Ft.	2.72	3.63	4.87	6.41					
Water - Lbs/Ft.	0.88	0.77	0.61	0.41					

3" Pipe Size - 3.500" O.D.									
Schedule No. 40 80 160									
Wall Designation	Std.	XS		XXS					
Thickness - In.	0.216	0.300	0.438	0.600					
Pipe - Lbs/Ft.	7.58	10.3	14.3	18.6					
Water - Lbs/Ft.	3.2	2.86	2.34	1.80					

5" Pipe Size - 5.563" O.D.										
Schedule No.	Schedule No. 40 80 120 160									
Wall Designation	Std.	XS			XXS					
Thickness - In.	0.258	0.375	0.500	0.625	0.750					
Pipe - Lbs/Ft.	14.6	20.8	27.4	32.9	38.6					
Water - Lbs/Ft.	8.66	7.89	7.06	7.33	5.62					

-				
Schedule No.	40	80		Schedule No.
Wall Designation	Std.	XS	XXS	Wall Designation
Thickness - In.	0.266	0.318	0.636	Thickness - In.
Pipe - Lbs/Ft.	9.11	12.51	22.85	Pipe - Lbs/Ft.
Water - Lbs/Ft.	4.28	3.85	2.53	Water - Lbs/Ft.
	CILL			-

6" Pipe Size - 6.625" O.D.						8" Pi	oe Siz	e - 8.62	25" O.I	D.					
Schedule No.	40	80	120	160		Schedule No.	30	40	60	80	100	120	140		160
Wall Designation	Std.	XS			XXS	Wall Designation		Std.		XS				XXS	
Thickness - In.	0.280	0.432	0.562	0.718	0.864	Thickness - In.	0.277	0.322	0.406	0.500	0.593	0.718	0.812	0.875	0.906
Pipe - Lbs/Ft.	19.0	28.6	36.4	45.3	53.2	Pipe - Lbs/Ft.	24.70	28.55	35.64	43.4	50.9	60.6	67.8	72.4	74.7
Water - Lbs/Ft.	12.5	11.3	10.3	9.16	8.14	Water - Lbs/Ft.	22.18	21.69	20.79	19.8	18.8	17.6	16.7	16.1	15.8

	10" Pipe Size - 10.750" O.D.										12" Pipe Size - 12.750" O.D.								
Schedule No.	30	40	60	80	100	120	140	160	Schedule No.	30		40		80	100	120	140	160	
Wall Designation		Std.	XS						Wall Designation		Std.		XS						
Thickness - In.	0.307	0.365	0.500	0.593	0.718	0.843	1.000	1.125	Thickness - In.	0.330	0.375	0.406	0.500	0.687	0.843	1.000	1.125	1.312	
Pipe - Lbs/Ft.	34.24	40.5	54.7	64.3	76.9	89.2	104.1	115.7	Pipe - Lbs/Ft.	43.8	49.6	53.5	65.4	88.5	107.2	125.5	139.7	160.3	
Water - Lbs/Ft.	34.98	34.1	32.3	31.1	29.5	28.0	26.1	24.6	Water - Lbs/Ft.	49.7	49.0	48.5	47.0	44.0	41.6	39.3	37.5	34.9	

	14" Pipe Size - 14.0" O.D.										16" Pipe Size - 16.0" O.D.								
Schedule No.	20	30	40		80	100	120	140	160	Schedule No.	20	30	40	80	100	120	140	160	
Wall Designation		Std.		XS						Wall Designation		Std.	XS						
Thickness - In.	0.312	0.375	0.437	0.500	0.750	0.937	1.093	1.250	1.406	Thickness - In.	0.312	0.375	0.500	0.843	1.031	1.218	1.437	1.593	
Pipe - Lbs/Ft.	45.7	54.6	63.4	72.1	106.1	130.7	150.7	170.2	189.1	Pipe - Lbs/Ft.	52.4	62.6	82.8	136.5	164.8	192.3	223.6	245.1	
Water - Lbs/Ft.	60.92	59.7	58.7	57.5	53.2	50.0	47.5	45.0	42.6	Water - Lbs/Ft.	80.5	79.1	76.5	69.7	66.1	62.6	58.6	55.9	

	18" Pipe Size - 18.0" O.D.										20" Pipe Size - 20.0" O.D.								
Schedule No.	20		30		40	60	80	120	160	Schedule No.	20	30	40	60	80	100	120	140	160
Wall Designation		Std.		XS						Wall Designation	Std.	XS							
Thickness - In.	0.312	0.375	0.437	0.500	0.563	0.750	0.937	1.375	1.781	Thickness - In.	0.375	0.500	0.593	0.812	1.031	1.281	1.500	1.750	1.968
Pipe - Lbs/Ft.	59.0	70.6	82.1	93.5	104.8	138.2	170.8	244.1	308.5	Pipe - Lbs/Ft.	78.6	104.1	122.9	166.4	208.9	256.1	296.4	341.1	379.0
Water - Lbs/Ft.	102.8	101.2	99.9	98.4	97.0	92.7	88.5	79.2	71.0	Water - Lbs/Ft.	126.0	122.8	120.4	115.0	109.4	103.4	98.3	92.6	87.9

	20" Pipe Size - 20.0" O.D.									
Schedule No.	20		40	60	80	100	120	140	160	
Wall Designation	Std.	XS								
Thickness - In.	0.375	0.500	0.687	0.968	1.218	1.531	1.812	2.062	2.343	
Pipe - Lbs/Ft.	94.6	125.5	171.2	238.1	296.4	367.4	429	484	541	
Water - Lbs/Ft.	183.8	180.1	174.3	165.8	158.3	149.3	141	134	127	



# WATER FILLED PIPE WEIGHTS

FOR PIPE I	VATER HANGE T 1/4 S	RS LO	CATED	ON 6 F	T CEN	TERS			
SIZE	2"	<b>2-½</b> "	3"	4"	5"	6"	8"	10"	12"
SCHED 40 PIPE WEIGHT PER FT (LBS)	3.65	5.79	7.57	10.78	14.60	18.95	28.52	40.44	53.47
WATER WEIGHT PER FT (LBS)	1.45	2.07	3.20	5.51	8.67	12.52	21.67	34.16	48.49
TOTAL WEIGHT PER FT (LBS)	5.10	7.86	10.77	16.29	23.27	31.47	50.20	74.60	101.96
PIPE HANGER CENTERS (FT)	6	6	6	6	6	6	6	6	6
TOTAL WEIGHT PER 6 FT CENTER - ONE PIPE (LBS)	31	47	65	98	140	189	301	448	612
TOTAL WEIGHT PER 6 FT CENTER - TWO PIPES (LBS)	61	94	129	196	279	378	602	895	1,223
RECOMMENDED 3 FT SPAN PIPE HANGER TOP BEAM	H-132	H-132	H-132	H-132	H-132	H-132	H-122	H-112	H-112
RECOMMENDED 4 FT SPAN PIPE HANGER TOP BEAM	H-132	H-132	H-132	H-132	H-132	H-122	H-112	H-112	H- 122A
RECOMMENDED 5 FT SPAN PIPE HANGER TOP BEAM	H-132	H-132	H-132	H-132	H-122	H-122	H-112	H- 122A	H- 122A
RECOMMENDED 6 FT SPAN PIPE HANGER TOP BEAM	H-132	H-132	H-132	H-132	H-122	H-122	H-112	H- 122A	H- 112A

WATER FILLED PIPE WEIGHTS FOR PIPE HANGERS LOCATED ON 8 FT CENTERS AT 1/4 SPAN FROM EACH END									
SIZE									
SCHED 40 PIPE WEIGHT PER FT (LBS)	3.65	5.79	7.57	10.78	14.60	18.95	28.52	40.44	53.47
WATER WEIGHT PER FT (LBS)	1.45	2.07	3.20	5.51	8.67	12.52	21.67	34.16	48.49
TOTAL WEIGHT PER FT (LBS)	5.10	7.86	10.77	16.29	23.27	31.47	50.20	74.60	101.96
PIPE HANGER CENTERS (FT)	8	8	8	8	8	8	8	8	8
TOTAL WEIGHT PER 8 FT CENTER - ONE PIPE (LBS)	41	63	86	130	186	252	402	597	816
TOTAL WEIGHT PER 8 FT CENTER - TWO PIPES (LBS)	82	126	172	261	372	504	803	1,194	1,631
RECOMMENDED 3 FT SPAN PIPE HANGER TOP BEAM	H-132	H-132	H-132	H-132	H-132	H-122	H-112	H-112	H-122A
RECOMMENDED 4 FT SPAN PIPE HANGER TOP BEAM	H-132	H-132	H-132	H-132	H-122	H-122	H-112	H-112A	H-122A
RECOMMENDED 5 FT SPAN PIPE HANGER TOP BEAM	H-132	H-132	H-132	H-122	H-122	H-112	H-122A	H-122A	H-112A
RECOMMENDED 6 FT SPAN PIPE HANGER TOP BEAM	H-132	H-132	H-132	H-122	H-122	H-112	H-122A	H-112A	H-112A

## THREADED ROD LOAD RATINGS

Thre	eaded Rod Lo	oad Rating	B
Nominal Rod Diameter,	Root Area Thread, In.	Maximu Load, L Tempe	
ln.		650°F	750°F
3⁄8"	0.068	610	540
1⁄2"	0.128	1,130	1,010
5/8"	0.202	1,810	1,610
3/4"	0.302	2,710	2,420
7⁄8"	0.419	3,770	3,360
1"	0.552	4,960	4,420
<b>1</b> -1⁄8"	0.693	6,230	5,560
<b>1-</b> ¼"	0.889	8,000	7,140
<b>1-</b> ½"	1.293	11,630	10,370
1- <sup>3</sup> ⁄4"	1.744	15,700	14,000
2"	2.300	20,700	18,460

Rod Size as Deter	Rod Size as Determined by Pipe Size							
Pipe Size	Rod Size							
<sup>3</sup> / <sub>4</sub> " to 2" Inclusive	³∕8"							
2-1/2" to 3-1/2"	1⁄2"							
4" and 5"	5⁄8"							
6"	3⁄4"							
8" to 12" Inclusive	7⁄8"							

## TORQUE SETTINGS

Haydon Grip Lock N	Haydon Grip Lock Nuts Torque Settings							
Grip Lock Nut Size	FtLbs.							
<sup>1</sup> ⁄4"- 20	6							
<sup>5</sup> ⁄16" <b>- 18</b>	11							
³ <b>%"- 16</b>	19							
½" <b>- 13</b>	50							

## MAXIMUM SPACING BETWEEN SUPPORTS

Nominal Tube Size, In.	<sup>1</sup> /2"	<sup>3</sup> ⁄4"	1"	1 <sup>1</sup> /2"	2	2 <sup>1</sup> / <sub>2</sub> "	3	3 <sup>1</sup> /2"	4
Maximum Span, Ft.	5	6	6	8	9	10	10	11	12

Nominal	Pipe Size, In.	<sup>1</sup> /2"	<sup>3</sup> ⁄4"	1"	1 <sup>1</sup> /2"	2	2 <sup>1</sup> /2"	3	3½"	4	5	6	8	10	12	14	16	18	20	24
Maximum	Water	5	6	7	9	10	11	12	13	14	16	17	19	22	23	25	27	28	30	32
Span, Ft.	Air & Steam	-	-	9	11	13	14	15	16	17	19	21	24	28	30	32	35	37	39	42

PRODUCT CATALOG	800-2-HAYDON
-----------------	--------------

# **CHANNEL & PRODUCT ACCESSORIES FOR H-BLOCK**

#### **H-PAD Slip Sheet**

16" x 8", 60 mil H-Pad slip sheet to be placed under each rooftop support block for the H-Block Rooftop Support System. Creates long-term sustainability, limits movement and complies with most building codes. Recommended to be used with HBS-CE Extension Series (page 7), HBS-Roller Series (page 8), and HBS-PH Pipe Hanger Series (pages 12-17).

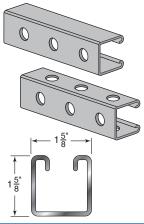


#### H-132-RS & H-132-RS3

1-5/8" X 1-5/8" with 9/16" holes & <sup>9</sup>/16" holes on 3 sides

12 Gauge Channel

Stocked in pre-galvanized, plain, powder coated Supr-Green, zinc trivalent chromium, PVC coated & aluminum, in 10 & 20 ft. lengths. Also available in Stainless Steel 304 & 316 Zlloys. Other materials, finishes & lengths are available upon request.



#### H-164-RS

<sup>13</sup>/<sub>16</sub>" X 1-<sup>5</sup>/<sub>8</sub>" with <sup>9</sup>/<sub>16</sub>" holes 14 Gauge Channel

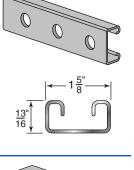
Stocked in pre-galvanized, plain, powder coated Supr-Green, zinc trivalent chromium, PVC coated & aluminum, in 10 & 20 ft. lengths. Also available in Stainless Steel 304 & 316 Alloys. Other materials, finishes & lengths are available upon request.

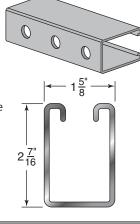
### H-122-RS

2-7/16" X 1-5/8" with 9/16" holes

#### 12 Gauge Channel

Stocked in pre-galvanized, plain & powder coated Supr-Green, in both 10 & 20 ft. lengths. Note: Also available in Stainless Steel 304 & 316 alloys. Other materials, finishes & lengths are available upon request.





#### Short Spring

Cat. No.	Size	Thd.	Thk.	Wt./100 Pcs.	Channel	
N-812	1⁄2"	13	3/8"	9	H-164	S

#### **Regular Spring**

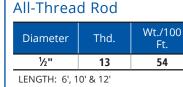
Cat. No.	Size	Thd.	Thk.	Wt./100 Pcs.	Channel	
N-822	1⁄2"	13	3/8"	10	LI 122	
N-823	1/2"	13	<sup>1</sup> /2"	13	H-132	8

#### Long Spring

Cat. No.	Size	Thd.	Thk.	Wt./10 Pcs.	Channel	
N-832	1⁄2"	13	<sup>3</sup> /8"	10	H-122	
N-833	1/2"	13	1⁄2"	13	<b>N-122</b>	8

#### Top Spring

Cat. No.	Size	Thd.	Thk.	Wt./100 Pcs.	Channel	
TSN-802	1∕₂"	13	3⁄8"	9	All H-Strut	





#### **Flat Washers**

Size	Wt./100 Pcs.
<sup>1</sup> /2"	3.5

#### Hex Nuts

1⁄2"	4.8
Size	Wt./100 Pcs.

# Hex Head Cap Screws

Diameter	Length	Wt./100 Pcs.
1⁄2"	1"	9.1
1⁄2"	<b>1</b> -¼"	10.0
1⁄2"	<b>1-</b> ½"	11.6
1⁄2"	<b>1-</b> <sup>3</sup> ⁄4"	13.2
1⁄2"	2"	14.7



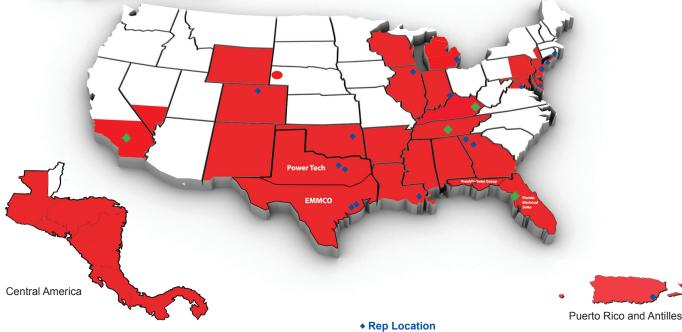
www.haydoncorp.com



22 H-BLOCK ROOFTOP SUPPORT SYSTEMS

## CHANNEL & PRODUCT ACCESSORIES FOR H-BLOCK





#### **Electrical Representatives**

**Blanchard Associates** 2591 Lindsay Privado Dr. Ontario. CA 91761 Phone: 888-974-0111 Website: www.blanchardassociates.com Territory: Southern California: Los Angeles, Orange, Riverside, San Bernardino, San Diego, Imperial, Kern, Ventura, Santa Barbara and San Luis Obispo Counties; Southern Nevada: Clark, Lincoln, Esmeralda and Nye Counties. Main contact: Joe Blanchard,

jblanchard@blanchardassociates.com

Brazill Brothers & Associates, Inc. 1111 Corporate Road North Brunswick, NJ 08902 Phone: 732-906-3500 Fax: 732-906-5785 Website: www.brazill.com Territory: NJ, DE, MD, DC, and the following counties in New York: Sullivan, Ulster, Dutchess, Orange, Putnam, Westchester, Rockland, Nassau, Suffolk, Kings, Bronx, Richmond, Queens; the following counties in PA: Potter, Tioga, Bradford, Susquehanna, Wayne, Clinton, Lycoming, Sullivan, Wyoming, Lackawanna, Pike, Centre, Union, Snyder, Columbia, Luzerne, Monroe, Carbon, Mifflin, Perry, Dauphin, Schuykill, Northampton, Lehigh, Cumberland, Franklin, Adams, York, Lancaster, Berks, Bucks, Montgomery, Chester, Delaware, Philadelphia, Perry, Dauphin, Lebanon; and the following counties in VA: Frederick, Clark, Loudoun, Warren, Rappahannock, Facquier, Prince William, Fairfax, Culpepper, Stafford, Orange, Spottsylvania, King George, Caroline. Main Contact: Don Cambria, donc@brazill.com

CET & Assoc., LLC 4704 Harlan Street, Suite 520 Denver, CO 80212 Phone: 303-758-5530 Fax: 303-758-5627 Website: www.cetandassociates.com Territory: CO, WY, NE (Scottsbluff area) Main contacts: Tim Cuneo, tim@cetandassociates.com and Paula Cuneo, paula@cetandassociates.com

Electrical & Telecom Sales 8022 South Memorial, Suite 207 Tulsa, OK 74133 Phone: 918-254-5031 Fax: 918-254-5039 Territory: OK, AR Main Contacts: Chuck Holmes, cholmes@etcablesales.com Emmco & Associates 3483 W. 12th Street Houston, TX 77008 Toll Free: 800-275-2780 Phone: 713-880-8882 Fax: 713-880-8572 Website: www.emmco.com Territory: TX Counties: Schleicher, Menard, Mason, Llano, Burnet, Bell, Milam, Robertson, Brazos, Grimes, Walker, San Jacinto, Polk, Tyler, Jasper and Newton. Main contacts: Greg Pulido, gpulido@ emmco.com and Rick Faught, rfaught@emmco.com.

Florida Electrical Sales 8100 E. Broadway Avenue

Suite E Tampa, FL 33619 Phone: 813-881-9378 Fax: 813-881-9624 Territory: FL (except 12 counties on the panhandle) Main contacts: Rick Bado, fesrbado@ aol.com and Denise Thomas, Office, fesdenise@yahoo.com

Stocking Location

Franklin Sales Group 4165 Red Oak Dr. Winston, GA 30187 Phone: 770-280-7588 Fax: 800-863-9661 Territory: FL (Panhandle), GA, AL Main Contact: John Franklin, john@ franklinsales.net

Glenn International, Inc. Rosendo Vela Acosta St. Bldg #9 Jardines de Carolina, Carolina, PR 00987 Phone: 787-757-6000 Fax: 787-769-1851 Website: www.glenninternational.com Territory: PR, Antilles, Bahamas, Bermuda, Panama, Costa Rica, Nicaragua, El Salvador, Honduras and Guatamala Main Contacts: Ignazio Diaz, Vice President, idiaz@glenninternational.com; Marta Corvo, mcorvo@glenninternational.com, Mr. Jorge Tenreyro, Sales, jtenreyro@ glenninternational.com: Lourdes limenez Sales, lsenator@glenninternational.com

#### Jenkins & Associates 1122 Foster Avenue

Nashville, TN 37210 Phone: 615-256-7606 Fax: 615-242-1898 Website: www.jenkinsandassoc.com Territory: TN Main contacts: Jeff Jenkins; Michelle Howell, operations mgr; Venesa Strother, Inside Sales, venesa@jenkinsandassoc. com; Dennis Jenkins, dennis@ jenkinsandassoc.com; or Michelle Howell, Operations Manager, michelle@ jenkinsandassoc.com

Lake Michigan Sales 500 Oakwood Road Lake Zurich, IL 60047 Phone: 847-313-9949 Territory: IL, WI Main contact: Richard S. Kuebler, rkuebler@lakemichigansales.com

BOLD/Green: Stocking Locations



Milam, Falls, Limestone, Freestone, Anderson, Houston, Trinity, Angelina, San Augustine, and Sabine. Main contact: Mark Johnston markjohnston@powerteches.com

Schell Company Inc. 108 Teal Street St. Rose, LA 70087 Phone: 504-620-2000 Fax: 504-620-5000 Website: www.schellco.com Territory: LA, MS Main Contact: Darlene Pourciau, dpourciau@schellco.com

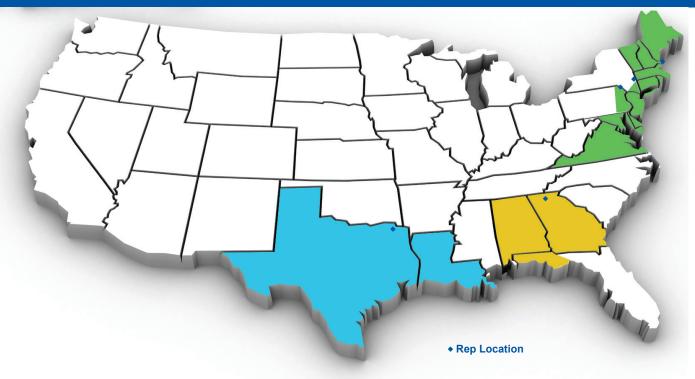
#### Summit Sales & Marketing

629 Bergman St. Louisville, KY 40203 Phone: 502-636-3339 Fax: 502-636-2575 Territory: KY, IN Main contact: Michael Wurth. m.wurth@summitsales-mkt.com

Team Electrical Sales 1545 Clay Street Detroit, MI 48211 Phone: 313-874-1000 Website: www.teamelectricalsales.com Territory: Lower Peninsula of Michigan Main contacts: Evan Tanner, Evan@ teamelectricalsales.com; Patrick McCarthy, Patrick@ teamelectricalsales.com; Mike Phanawong, mike@teamelectricalsales.com

www.haydoncorp.com





#### Mechanical Representatives

Keystone Sales & Assoc. 441C County Line Rd Gilbertsville, PA 19525 Phone: 800-220-1025 Fax: 610-369-1612 Website: www.uskeystonesales.com Territory: NJ, Eastern PA, VA, DE, MD Main Contacts: Robert Della, BobD@uskeystonesales.com; Jerry Paul, 201-207-0454

Sales Marketing & Service, Inc. 146 Tosca Drive Stoughton, MA 02072 Phone: 781-341-0404 Fax: 781-341-0419 Website: www.salesmarketingandservice.com Territory: CT, MA, RI, ME, VT, NH Main contact: David Stearns, dstearns@salesmarketingandservice.com

Comfort Zone Sales 2870 Milburn Ave . Baldwin, NY 11510 Phone: 516-442-0388 Fax: 516-442-0389 Territory: 5 NYC Boroughs, counties in New York: Westchester, Putnam, Dutchess, Rockland, Orange, Sullivan, Nassau, Suffolk Main Contact: Bill Gluckin, wgluckin@comfortzonesalesinc.com

#### Refrigeration Representative

Superior Sales & Service Group 430 Surface Alvin, TX 77511 Phone: 832-418-1412 Fax: 281-996-0646 Territory: TX, LA Main contact: Mike Lochridge, m.loch@earthlink.net

#### STAFDA Representativ

Premier Southeast Sales, Inc. 1559 Amberwood Creek Dr. Kennesaw, GA 30152 Phone: 404-597-3947 Website: www.premiersesales.com Territory: AL, GA, the following counties in Florida: Escamvia, Santa Rosa, Okaloosa, Walton, Holmes, Jackson, Washington, Bay, Calhoun, Liberty and Gulf ;State of Tennessee except the following counties: Lake, Obion, Weakley, Dyer, Gibson, Carroll, Lauderdale, Crockett, Haywood, Madison, Henderson, Decatur, Hardeman, Chester, McNairy, Hardin, Tipton, Shelby, and Fayette Main contacts: Paul Edwards,

Andrew@berrysalesllc.com, Cell 404-597-3947;

Jack Bates bates@premiersesales.com, Cell 205-533-1622

Inside Sales Manager Patricia McDonough p.mcdonough@haydoncorp.com

National Baseboard Sales Manager Jim McMahon j.mcmahon@haydoncorp.com Eastern Regional Sales Manager Tim Sullivan t.sullivan@haydoncorp.com

Western Regional Sales Manager Mark Lewandowski m.lewandowski@haydoncorp.com

## **TERMS & CONDITIONS OF SALE**

These terms and conditions of sale supersede all previous listings. No order shall be binding upon us until accepted in writing by an authorized official at our home office. Goods are tendered or delivered and work is undertaken in every case only upon and subject to these terms and conditions. We shall not be liable for any delay or default in performance due to any cause arising or attributable to any event or omission beyond our reasonable control. All prices herein are suggested prices.

Prices: All prices are based on our standard packing and subject to change without notice.

Terms: Invoices are due and payable on net 30 days basis, unless otherwise agreed to in writing. Failure to make payment when due shall entitle us to suspend further deliveries or to cancel a contract.

Taxes: Any taxes, where applicable be they Federal, State, or Local are for the account of the buyer, and will be added to invoice.

Freight: Unless specifically stated in our proposal, all shipments are F.O.B. our dock or point of shipment. Routing will be at our discretion, unless otherwise agreed to in writing.

Title: Complete title to all goods shall pass to the customer upon delivery to the carrier.

Risk: Loss or damage to the goods shall pass to the customer upon delivery to the carrier.

Damage Or Loss In Transit: Regardless of freight payment, all risk or loss damage in transit shall pass to the purchaser. Although we will assist buyer in making his claims, we assume no liability for subsequent shortage or damage in transit.

Cancellation: An order may only be cancelled upon receipt of written agreement from us. All costs incurred by such cancellation are to be paid by the purchaser.

Returned Merchandise: All materials are carefully inspected before shipment, but it is not always possible to detect imperfections, therefore the only guarantee that is given is to replace such materials as prove to be defective or to allow credit for their return at our option. If materials appear defective, buyer should discontinue their use and notify us immediately so that we can investigate. We will not allow any claim for labor or expense occasioned by the use of defective materials nor be responsible for damages beyond the price of defective materials. Claims for defective materials should be made within 30 days after receipt of materials. We will not accept returns without our written permission.

Transportation Claim: The carriers are responsible for materials lost or damaged en route, consignee (buyer), as required by uniform Bill of Lading must immediately notify the carrier's agent at destination in writing in order to substantiate formal claim, upon presentation by buyer.

Liability For Misuse: Purchaser agrees to protect, defend, indemnify and hold us harmless from any and all liability or alleged liability and expense, including attorney's fees, arising from personal injuries, including death, or damage to property, caused by reason of the improper and/or negligent installation or use of our products.

Specifications: Specifications and dimensions are subject to change without notice. We do not warrant the compliance of our products to specifications other than our own.

Warranty: This warranty is directed solely to those buyers purchasing our products for use in the fabrication and/ or construction of products for sale to others. Nothing herein shall be construed to extend this warranty to "Consumers". Our products are warranted against defect in manufacturing for a period of one year. This warranty is limited to the replacement of defective parts, or refund of the purchase price at our discretion. This is the buyers sole and exclusive remedy and we shall not be liable for labor charges and/or other damages or expense arising from the use of defective material, for any damage, consequential or otherwise, of any kind.

This is our sole warranty. We make no other warranty of any kind, expressed or implied, and all implied warranties of merchantability and fitness for a particular purpose which exceed our afore stated obligation are hereby disclaimed by us and excluded from this warranty.

\*On lengths of 36" or longer, 100 pieces or more inquire for quantity discounts. Standard cutting tolerance is plus or minus 1/16". when required to cut from standard stock lengths of 10' or 20' customer will be charged for scrap resulting from cutting. Scrap will only be shipped if requested. Cutting charges will be invoiced as a separate item.

All products are Union Made.



## **H-BLOCK SHIPPING**

Assembled components are strapped together on a pallet and shirnk-wrapped to avoid damage. The smaller components are wrapped and placed inside the component frame to keep the components for that assembly together to avoid loss or mix-ups. All H-Block kits are customizable to any application.

Visit www.haydoncorp.com/products/ rooftop-supports/h-block-support or call 1-800-2-HAYDON to speak to any of Haydon's customer service team for additional information.









Supplied By:

## **Haydon Corporation**

415 Hamburg Turnpike, Wayne, NJ 07470 • 1139 West Carrier Parkway, Grand Prairie , TX 75050 1-800-2-HAYDON • (973) 904-0800 • Fax: (973) 904-0016 www.haydoncorp.com • sales@haydoncorp.com

🖪 Like Us on Facebook 🔠 Watch Our Videos on You Tube



January 2016