



TRI-BUILT HERCULES DRAIN WITH VOTRTEX STRAINER

PRODUCT DESCRIPTION

Code compliant TRI-BUILT® Hercules-Plus RetroDrains feature the TRI-BUILT® vortex breaker technology integrated into the cast aluminum strainer dome. With vortex breaker technology, TRI-BUILT® Hercules-Plus drains can provide up to 2.5 times greater water flow, compared to the existing TRI-BUILT® Hercules drain, which means that water and excessive weight can leave the roof quickly.

In addition to faster water flow off the roof, the vortex breaker can greatly reduce "chugging" which can damage plumbing systems.

The TRI-BUILT® Hercules-Plus RetroDrain features a one-piece spun aluminum body and heavy duty cast aluminum clamping ring for strength and durability. The drain flange has a depressed sump area to facilitate water drainage and the original U-Flow® Seal offers a mechanical watertight connection to PVC or cast iron pipes to prevent water from backup damage.

FEATURES & BENEFITS

- Meets IPC and UPC code.
- Up to 2.5 times greater water flow vs. standard TRI-BUILT® Hercules Drains so water and excessive dead load weight can get off the roof faster.
- Safety yellow design stands out on the roof and helps protect from accidental damage.
- The strainer and clamping ring are made of heavy duty cast aluminum for strength, durability and long life on the roof.
- One piece seamless aluminum body provides strength and durability without separation of the flange from the stem.
- Extra large flange allows positive attachment of roof flashing membrane while the sump area facilitates drainage.
- Simple and easy to install from rooftop without disturbing building occupants.
- 12-inch long drain stem accommodates most existing field conditions. Custom lengths available.

- Incorporates the original U-Flow Seal which exceeds the ANSI/SPRI Standard for back-flow pressure.
- Optional TPO or PVC coated flange available for direct membrane attachment.

APPROVALS & STANDARDS

ASME 112.6.4 & CAS-B79-08

All TRI-BUILT® Hercules-Plus retro-drains have been certified by QAI Laboratories to conform to ASME 112.6.4 and CAS-B79-08 standards, and meet both IPC and UPC codes.

ANSI/SPRI RD-1 – developed by SPRI (Sheet membrane and component suppliers to the commercial roofing industry), a certified canvasser of ANSI (American National Standards Institute), and features a test protocol designed to assure a leak-free connection to existing plumbing.

PHYSICAL DATA

DRAIN BODY	SEAL
11 Ga. (.125") spun aluminum	Watertight U-Flow mechanical seal requires U-Flow screwdriver
FLANGE	STRAINER DOME
17 1/2" diameter with sump area	Yellow Vortex Breaker made of cast aluminum
STEM	CLAMP RING
12" length	Cast aluminum



ORDERING INFORMATION

CAT. NO.	SIZE IN	DESCRIPTION	PKG	DIMENSIONAL WEIGHT LBS
HDAL3V-TRI	3	Standard	Each	27
HDAL4V-TRI	4	Standard	Each	27
HDAL5V-TRI	5	Standard	Each	27
HDAL6V-TRI	6	Standard	Each	27
HDTPO3V-TRI	3	TPO Coated Flange	Each	27
HDTPO4V-TRI	4	TPO Coated Flange	Each	27
HDTPO5V-TRI	5	TPO Coated Flange	Each	27
HDTPO6V-TRI	6	TPO Coated Flange	Each	27
HDPVC3V-TRI	3	PVC Coated Flange	Each	27
HDPVC4V-TRI	4	PVC Coated Flange	Each	27
HDPVC5V-TRI	5	PVC Coated Flange	Each	27
HDPVC6V-TRI	6	PVC Coated Flange	Each	27