

OlyFlow Strainer Domes

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

Universal Strainer Domes are engineered to replace broken or missing drain strainers. The domes are oversized (available in 10", 14", 18" & 24" diameters) to insure the retrofit of all existing drain bowl assemblies and to increase drain protection by spreading rooftop debris over a larger area. Securement to the existing drain assembly is accomplished with two adjustable tension arms or in an optional vandal resistant design. The Universal Strainer Dome quickly resolves a very common roofing problem and lowers contractor labor costs by eliminating the need to identify and special order replacement components. Universal Strainer Domes comply with National Plumbing Code requirements for strainers.

The **OlyFlow® Cast Aluminum Dome** is most commonly used with the Hercules® RetroDrain as well as many other drains in the OlyFlow line. The strainer's tough and rugged construction gives it resistance to impact and corrosion and complies with National Plumbing Code requirements for strainers.

The **OlyFlow SuperDome® Strainer** can be used with the Hercules RetroDrain as well as many other drains in the OlyFlow line. The SuperDome Strainer is manufactured from cast aluminum with a screw down lid, securing the drainage system against vandals while permitting access to authorized personal. The strainer's tough and rugged construction gives it resistance to impact and corrosion and complies with National Plumbing Code requirements for strainers.

The **OlyFlow Plastic Strainer** is most commonly used with the PCPET RetroDrain as well as many other drains in the OlyFlow line. The strainer is manufactured from an engineered copolymer resin which is highly resistant to temperature extremes, chemicals and ultraviolet radiation. The PC/PET Strainer Dome complies with National Plumbing Code requirements for strainers.



Universal Strainer Dome



Cast Aluminum Dome



SuperDome



Plastic Dome

PHYSICAL DATA

UNIVERSAL DOME	SUPERDOME
MATERIAL: .080" aluminum SIZES: 10", 14", 18", 24" HEIGHT: Low profile 4" OPTIONS: Vandal Resistant	MATERIAL: Cast aluminum OUTSIDE DIAMETER: 9.77" HEIGHT: 5.50" USE WITH: Hercules, Copper Hercules, Classic, custom designs
CAST ALUMINUM DOME	PLASTIC DOME
MATERIAL: Cast aluminum OUTSIDE DIAMETER: 9.77" HEIGHT: 7.25" USE WITH: Hercules, USII, Copper Hercules, AlumaWeld, TPO, Classic, custom designs	MATERIAL: Molded copolymer polycarbonate polyethylene terephthalate (PC/PET) OUTSIDE DIAMETER: 9.77" HEIGHT: 4" USE WITH: Hercules, USII, Copper Hercules, AlumaWeld, TPO, Classic, custom designs

ORDERING INFORMATION

CAT. NO.	DOME TYPE	SIZE	PKG	DIMENSIONAL WEIGHT
USD10	Universal	10"	Each	2 lbs.
USD14	Universal	14"	Each	3 lbs.
USD18	Universal	18"	Each	5 lbs.
USD24	Universal	24"	Each	7 lbs.
USIIAD	Cast Aluminum	9.77"	Each	3 lbs.
ALSD	SuperDome	9.77"	Each	5 lbs.
RASD	Plastic	9.77"	Each	1 lb.



ROOFING PRODUCTS

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Universal Strainer Dome

INSTALLATION PROCEDURE

FOR USE WITH

Existing drains with broken or missing strainers.

JOB PREPARATION

Remove existing broken strainer if applicable.

STEP 1 Attach the two tension arms to the underside of the Universal Strainer Dome. Place the threaded studs on the top of each tension arm through the two 5-in. slots provided. **Note:** The side of each tension arm stamped "outside" should face the wall of the drain leader pipe.

STEP 2 Install the washers and wing nuts over two studs and loosely tighten.

STEP 3 Pull the lower ends of the two tension arms inward and insert the arms into the drain leader. Lower the Universal Strainer Dome onto the roof surface. **See reverse side for Vandal Resistant Models.**

STEP 4 The space between the two threaded studs should be approximately one inch greater than the inside diameter of the leader pipe. **Example:** Leader Pipe ID = 4-in. spacing between the two tension arms = 5-in. Tighten snugly.

For technical assistance contact OMG at 800-633-3800.

VANDAL RESISTANT INSTRUCTIONS

STEP 1 Lubricate two existing clamping ring nuts and bolts directly opposite from one another. Carefully remove the two nuts and set aside for reuse.

STEP 2 Place the Universal Strainer Dome over the drain bowl and center the strainer with the drain leader opening.

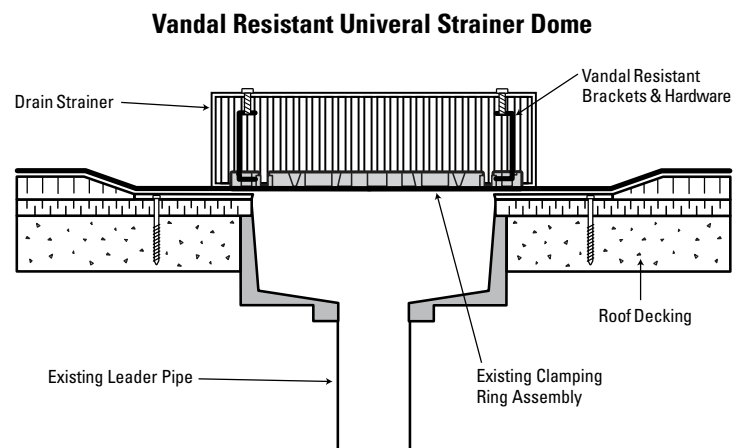
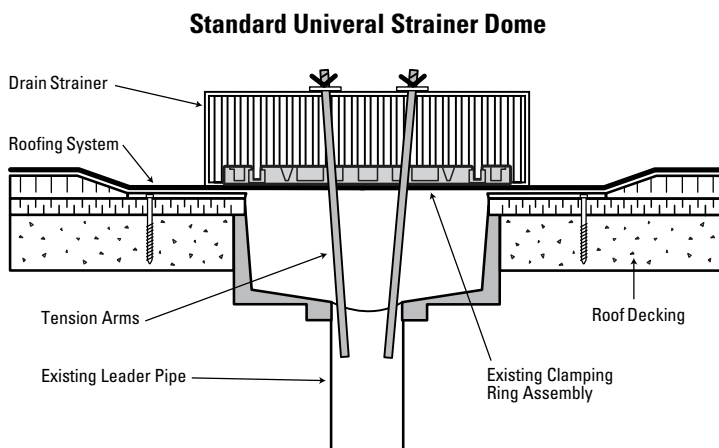
STEP 3 Measure the height from the top surface of the clamping ring to the underside of the top of the Universal Strainer Dome by inserting a tape measure through one of the drainage slots.

STEP 4 Adjust the two nuts on the strainer securement brackets to the appropriate height using a $\frac{7}{16}$ " wrench. Overall bracket length should equal to the distance between the top of clamping ring and the underside of the Universal Strainer Dome.

STEP 5 Place the brackets over the two studs and install the two stainless steel washers over the studs.

STEP 6 Install the two clamping ring nuts (removed earlier) over the washers and tighten to secure two brackets.

STEP 7 Place the Universal Strainer Dome over the drain bowl and align the two 5" long slots over the two securement brackets. Install the two washers and bolts provided and then tighten hardware with the Allen wrench provided.



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