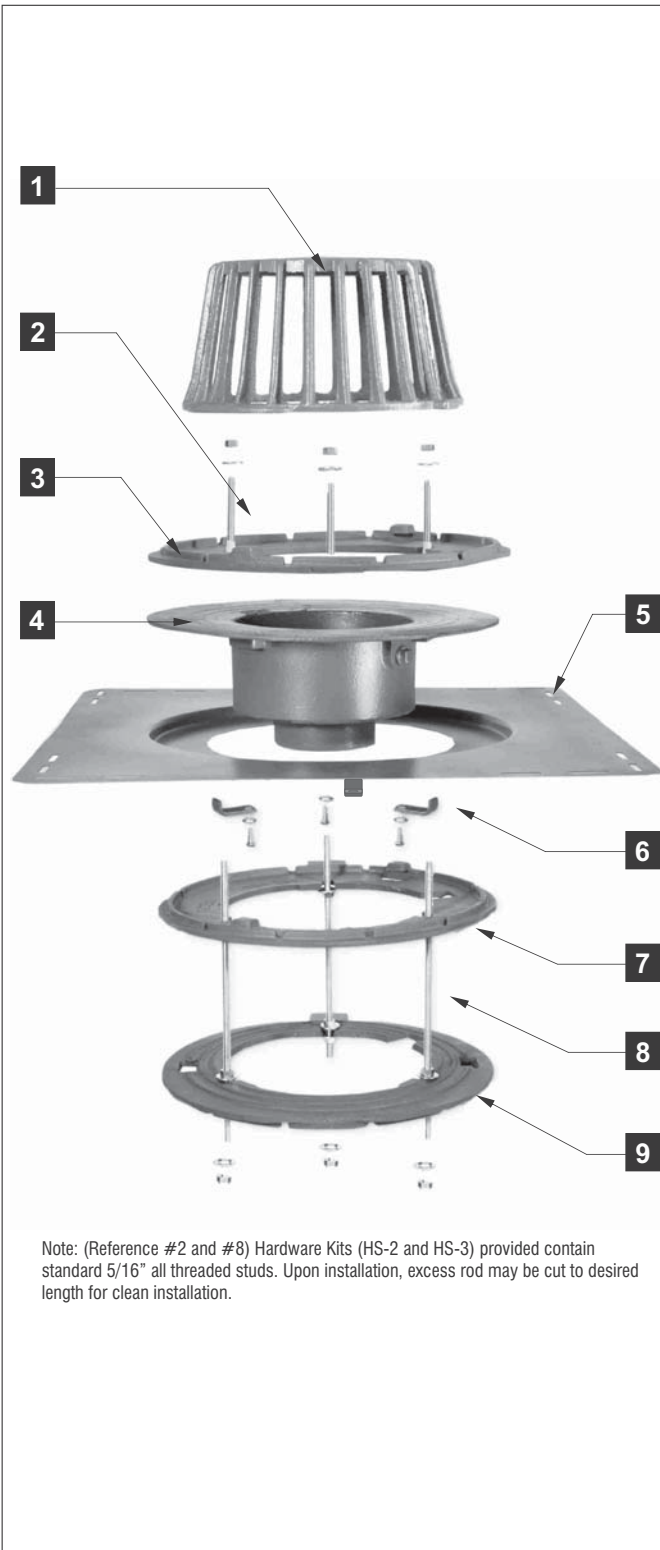


R1200

ROOF DRAIN COMMON PARTS

R1200

ROOF DRAINS



Note: (Reference #2 and #8) Hardware Kits (HS-2 and HS-3) provided contain standard 5/16" all threaded studs. Upon installation, excess rod may be cut to desired length for clean installation.

- 1.** Dome strainer. 7 1/2" high. Cast iron part # A2-MD illustrated (suffix -M). Standard dome receiver is the A2-PD polydome. Manufactured with 125 Sq. inches of free area. Dome receiver is also available in a low profile aluminum design (part # A2-MDL-80, suffix -M-80), in a low profile rough bronze design (part # A2-MDL-81, suffix -81) and in a low profile aluminum design with stainless steel mesh screen assembled around the dome strainer (part # A2-SSD, suffix -83). All of the low profile dome strainers are 4 1/2" high. All of MIFAB's roof domes are engineered to lock underneath the tabs in the A2-C3 dome receiver for a secure fit. Specify suffix -6 to vandal proof secure any of the dome strainers to the A2-C3 dome receiver.
- 2.** HS-2 hardware pack. 5/16" threaded rods, nuts and washers are required to assemble the A2-C3 dome receiver and membrane clamp to the A2 roof drain body.
- 3.** A2-C3 dome receiver and membrane clamp. Serves to secure the roof dome to the assembly and also to clamp the waterproofing membrane to the top flange of the A2 roof drain body. Raised grooves on the underside of the A2-C3 match the recessed grooves in the top flange of the A2 body to ensure a sealing grip onto the waterproofing membrane.
- 4.** A2 body. Designed with a 15" diameter flange and a narrower and deeper sump than any JaSaWaZ body to: a) allow the contractor to cut a smaller diameter penetration in the roof (to better maintain the structural integrity of the roof), b) provide more efficient drainage of water since the head pressure in the deep sump of the body when filled with water is greater than in a shallower sump and c) narrower diameter sump requires only three sets of hardware to secure the membrane clamp to the body, thereby saving the contractor 33% installation time compared to any JaSaWaZ roof drain. MIFAB's A2 bodies are available with no hub, push on, threaded, inside caulk, PVC, ABS and stainless steel outlet connections.
- 5.** A2-BP bearing pan (sump receiver). Manufactured with galvanized steel and painted with a lacquer finish. Engineered to recess the top flange of the A2 body into the roof deck to ensure easy flow of water from the roof deck into the sump of the roof drain (suffix -B). Securing slots in each corner permit easy assembly to the roof deck. Shipped one piece per carton for easy handling in warehouses and on the jobsite. The bearing pan should be specified with every roof drain to ensure a correct recessed installation of the roof drain into the roof deck unless the roof drain is required with an adjustable extension. In this case, the roof drain body is elevated off the deck, thereby eliminating the need for a bearing pan. This is a large cost savings compared to JaSaWaZ since their roof drain extension system always has the roof drain body installed into the deck, always requiring the use of the bearing pan.
- 6.** HS-20 hardware pack. Three cast iron painted securing brackets, nuts and washers are shipped standard (no extra charge) packed inside every A2-BP carton. Designed to allow the contractor to assemble the bolts into the tappings on the underside of the A2 body flange, securing the A2-BP to the underside of the A2 body flange with the three cast iron brackets at the same time. The result is a roof drain secured to the A2-BP and also to the roof deck. This can eliminate the costly underdeck clamp and also the labor required to install the underdeck clamp.
- 7.** A2-C3 adjustable extension ring. Installed on top of the roof deck. It is designed to elevate the roof drain body off the deck via the HS-3 hardware to accommodate the thickness of the insulation installed on top of the roof deck. This eliminates the use of any gaskets and o-rings (as required with the JaSaWaZ extension systems) that can cause leaks as the contrasting winter and summer weather causes expansion and contraction of gaskets and o-rings. Labor savings are also realized by the contractor with the simple MIFAB adjustable extension system (suffix -E).
- 8.** HS-3 hardware pack. 5/16" threaded rods, nuts and washers are required to elevate the roof drain body off the deck to accommodate the thickness of the insulation installed on top of the roof deck. The HS-3 hardware threads into the tappings on the underside of the roof drain body.
- 9.** A2-C3 underdeck clamp. It is installed underneath the roof deck and is engineered to "lock" the roof drain assembly into the roof deck, thereby reducing pipe vibration and potential damage. Can be eliminated when the MIFAB A2-BP sump receiver is installed with the unique HS-20 hardware pack as described above in point # 6. (suffix -U). Design & dimensions