



ENCLOSURES DESIGNED FOR THE WORLD'S WATER SYSTEMS™

Specification Submittal Sheet Series 800 – Panel Design Insulated Enclosures

Materials

- Roof, walls, and drain panel – 5052-H32 marine grade aluminum (.050/18 gauge), mill finish, ASTM B209 outside
- Drain panel hinge and spring – stainless steel
- Insulation 1½" (9 "R" value) minimum thickness polyisocyanurate foam laminated to a glass fiber reinforced facer (each side), non-wicking
- Mounting hardware – 300 series stainless steel (exterior) and T-6 aluminum (interior)
- Wedge anchors – Powers SDI – ½" x 3¾"

Standards

- ASSE 1060
- ASTM B209

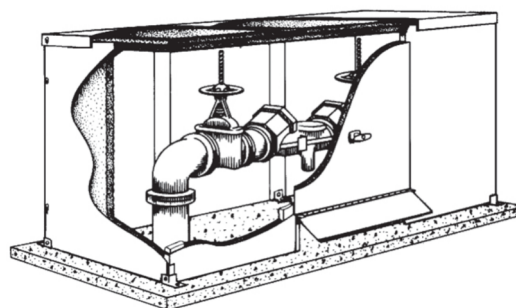


Heating Required

- ☐ Yes – see separate specification submittal sheet
☐ No

Dimensions

All dimensions in inches.



Description

The enclosure is designed to provide freeze and vandal protection of above ground backflow prevention assemblies, meters, PRV, etc. The enclosure provides for safe and easy testing and maintenance.

The enclosure disassembles easily if full equipment replacement is needed.

Model	Inside Dimensions			Concrete Pad			Ship Weight	Access Panels	Access Panel Size		Drain Opening		Heat Wattage
	W	L	H	W	L	H			W	H	W	H	
800-AL	38	120	56	52	134	6	495	3	38¼	56	38¼	6½	1000
800D-AL	78	124	60	92	138	6	810	4	38¼	60	38¼	6½	2000
800DS-AL	78	150	60	92	164	6	721	4	38¼	60	38¼	6½	4000
800LU880-AL*	44	44	52	58	58	6	268	2	36	52	36	6½	1000
800S-AL	38	144	56	52	158	6	486	4	38¼	56	38¼	6½	1000
800T-AL	38	120	80	52	134	6	585	3	38¼	80	38¼	6½	2000
800TD-AL	78	124	80	92	138	6	840	4	38¼	80	38¼	6½	4000
800TDS-AL	78	150	80	92	164	6	826	4	38¼	80	38¼	6½	4000
800TLU880-AL*	54	44	52	68	58	6	245	2	46	52	46	6½	1000
800TLU880M-AL*	58	54	60	72	68	6	486	2	40	60	40	6½	1000

*Standard compact design models include hinged lift-up roof

Heat Wattage shown is Slab Mount Heat per ASSE standard 1060

Specifications

A freeze and vandal protective enclosure shall be installed over above ground plumbing systems. The enclosure shall be constructed of 5052-H32 marine grade aluminum with a minimum R9 in the walls and R18 in the roof. Molded fiberglass enclosures will be rejected. Cut board insulation shall be used for uniform insulation thickness. Sprayed insulation shall be reason for rejection. Redwood post and beams shall be utilized for structural support. The use of "Particle board" shall be reason for rejection. The roof of the enclosure shall be removable for maintenance. Enclosures requiring tape to seal the roof seams are prohibited. The enclosures shall have a fully insulated drain panel designed to remain closed, except when discharging water. The drain panel shall be sized to accommodate the maximum discharge for backflow installations. The enclosure shall be mounted securely to a concrete pad and remain locked even if outside screws are removed. All mounting hardware shall be furnished. The enclosure shall withstand winds up to 110 mph with standard anchoring hardware. Anchoring hardware designed for 130 mph winds will be available upon special request (130 mph hardware may require a thicker concrete slab). When heat is required, a slab mounted UL or ETL listed heater shall be provided that has been independently certified to meet the UL-2021 "Rain Test" for damp or wet conditions. Wall-mounted air heaters and self-regulating cables shall not be used as the heat source. The enclosure shall be certified to the most recent ASSE Standard 1060 (Class I or Class II). The insulated enclosure shall be a Safe-T-Cover Series 800.

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