

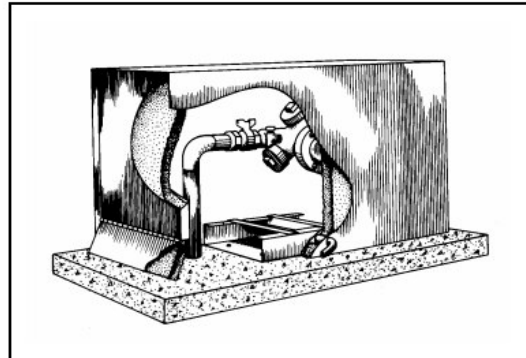


Specification Submittal Sheet Series 100/200 – Lift-Off Design

Insulated Enclosure for Backflow Prevention Assemblies

Materials

- Roof, walls, drain flap – 5052-H32 marine grade aluminum (.050/18 gauge), mill finish, ASTM B209 outside
- Drain flap hinge and spring – stainless steel
- Insulation 1.5" (10.0 "R" value) minimum thickness polyisocyanurate foam laminated to a glass fiber reinforced facer (each side)
- Mounting hardware – 5052-H32 marine grade aluminum
- Masonry fasteners – metal hit anchors



Standards

- ASSE 1060
- ASTM B209

Advantages

- Fast & simple installation, no special tools required
- Durable
- Lockable

Description

The enclosure is designed to provide freeze and vandal protection of above ground backflow prevention assemblies. The enclosure provides for safe and easy testing and maintenance or replacement of the backflow prevention assembly.

Heating Required

- Yes – see separate specification submittal sheet
- No

Dimensions and Weights

Model Number	Inside Diameter (in)			Concrete Pad (in)			Weight	Drain Opening (in)	
	W	L	H	W	L	H		W	H
100S-AL	7	32	22	14	39	4	26	7	5 1/4
200S-AL	14	43	29	21	50	4	44	14	5 1/4

Specifications

A freeze and vandal protection enclosure shall be installed with above ground backflow prevention assemblies. The enclosure shall be mounted securely to a concrete pad and completely removable by way of a lockable stainless steel rod only. All mounting brackets shall be on the inside of the enclosure. The enclosure shall be constructed of 5052-H32 marine grade aluminum with a minimum R-value of 10 in the walls and roof. Drain flap shall be fully insulated and designed to remain closed except when backflow prevention device is discharging water. Drain flap shall be sized to accommodate the maximum discharge of a 1" device (Series 100) or 2" device (Series 200). All mounting hardware shall be furnished. The enclosure shall be certified to ASSE Standard 1060 (Class I, Class II, and Class III). The insulated lift-off enclosure shall be a Safe-T-Cover Series 100/200.