

S7.02 Radon Dual Purpose Vented Sump Specification

Scope

This specification describes the Radon Dual Purpose Vented Sump System for use in residential drainage and ventilation of toxic or noxious gas applications.

Requirements

The Radon Dual Purpose Vented Sump shall be available in 14-gallon (53 liter) capacity. The sump well shall have three pre-formed inlet collars sized to fit 4-inch (100 mm) corrugated polyethylene drainage lines. Each well shall have a molded side panel designed to accept the outside basement perimeter line at any elevation along the well wall. The lid shall be pre-drilled to accept 1¼-inch (32mm), 1½-inch (38mm), 2 inch (50mm), or 3-inch (75mm) vent and discharge pipes. Rubber o-rings for these pipes, as well as rubber pump wire plug shall be included with the lid kit.

Material Properties

Radon Dual Purpose Vented Sump material shall be high-density polyethylene.

Installation

Installation shall be in accordance with ADS installation instructions and those issued by the regional, state or local agencies

Dimensions

	A	B	C	D	E	F	G	H
14 gallons (53 liters)	12.0 (305)	8.0 (203)	14.25 (362)	4.75 (121)	20.38 (518)	18.13 (460)	24.0 (610)	20.06 (510)

Items included with lid kit

- Qty.
- 1

Gasket for 4" (100 mm)
Sch 40 or SDR PVC inlet line
- 1

Gasket for 2" & 3" (50 & 75
mm) Sch 40 vent pipe
- 1

Gaskets for 2", 1½" & 1" (50,
38 & 25 mm) Sch 40 PVC
pump discharge pipes
- 1

Electrical cord stopper
- 1

1" (25 mm) adhesive foam tape

Items needed for lid kit (sold separately)

- Qty.
- 4

Hex head lag screws ¼" x 1½"
(6 x 38 mm) (minimum)
- 4

¼" (6 mm) flat washers
- 4

Concrete floor anchors

