

ADS ARC™ SEPTIC LEACHING CHAMBER SPECIFICATIONS

Scope

This specification describes the ARC chamber units for use in onsite wastewater disposal applications.

Chamber Requirements

ARC chambers are manufactured from high-density polyethylene with an open bottom, solid top and louvered sidewalls. Sidewall louvers shall be designed to minimize soil intrusion.

Chamber shall meet the load rating of H-10 (16,000 lb per axle) with a minimum of 12 inches of cover when tested in accordance with IAPMO PS 63 and installed in accordance with manufacturers installation procedures.

Chamber Connection

Each chamber shall interlock with an integral articulating joint. Articulating joints shall have a free range of horizontal rotation of 20 degrees, with a maximum of 10 degrees in either direction. Articulating joint shall be constructed by placing the dome engagement hole of the incoming chamber over the bullet post of the previously-installed chamber, with final engagement occurring when the lower base flanges of the incoming chamber underlap the raised base flanges of the previously-installed chamber.

Material Properties

Each chamber shall be manufactured from high-density polyethylene as defined and described in IAPMO PS 63.

Installation

Installation shall be in accordance with ADS installation procedures and those issued by the local health department regulations.

	ARC 24 Model No. 2412BD	ARC 36 Model No. 3613BDH	ARC 36 HC Model No. 3616BD
Length (A)	67 in	63 in	63 in
Repeat Length (E)	60 in	60 in	60 in
Side Wall Height (B)	7.5 in	7.13 in	10.75 in
Overall Height (C)	12 in	13 in	16 in
Overall Width (D)	22.5 in	34.5 in	34.5 in
Capacity	5.02 cu ft (37.5 gal)	8 cu ft (60.14 gal)	10.7 cu ft (80 gal)
Pallet Quantity	120 chambers	60 chambers	60 chambers
Van (Box Trailer) Quantity	17 Pallets	25 Pallets	25 Pallets
Flatbed Quantity	15 Pallets	22 Pallets	22 Pallets

