

STANDARD VALVE BOX



The irrigation industry's standard for residential landscape sprinkler component protection. Large enough to house up to four 1" valves or drip control zones, the box provides easy access, durability, and flexibility. With its 12" height, the box reaches well into the frost free zone in most climates. With the addition of one or more standard extension boxes, it can easily accommodate 18" mainline projects as well. The large access holes at each end of the box permit usage in meter applications.

- Pre-Built Mouse Holes—Allows for faster placement of up to 2 1/2" pipe.
- T-Top Locking Lid—Makes it quicker to take the lid on and off resulting in faster service times.
- 100% Recyclable—Some models contain pre and post-consumer recycled materials.

FEATURES AND BENEFITS

- T-Top Lid—Extends all the way to the edges of the base, preventing grass and dirt from interfering with the lid to base interface. The solid lid surface with indented finger holes ensures that no water, dirt or sand intrudes through the lid into the valve box.
- Lid Traction Bars—Incorporates textured surface in lid to provide traction and safety.
- Reinforcing Ribs—Utilizes a unique truss design on the underside of the lid to provide maximum support.
- HDPE Structural Foam Process—Derives from a combination of high-density polyethylene material and a proven manufacturing process which ensures maximum strength and durability.
- UV Stabilizers—Incorporates special UV inhibitors to minimize long-term effect of sunlight.
- 3" Mouse Hole—Allows installation directly over pipe, creating a full enclosure around the valve or other critical system components.
- Rigid Skirt—Extends around the full perimeter of the valve box, including mouse holes, providing maximum top load, side load and torsional rigidity.
- Multiple Color Options—Available in green, green on black, and tan, allowing you to match the box lid to the landscape for optimum aesthetic effect.

SKU	DESCRIPTION
53212	Standard ICV Box Black with Green Cover
53912	Standard ICV Box Green with Green Cover
53712	Standard ICV Box Tan with Tan Cover



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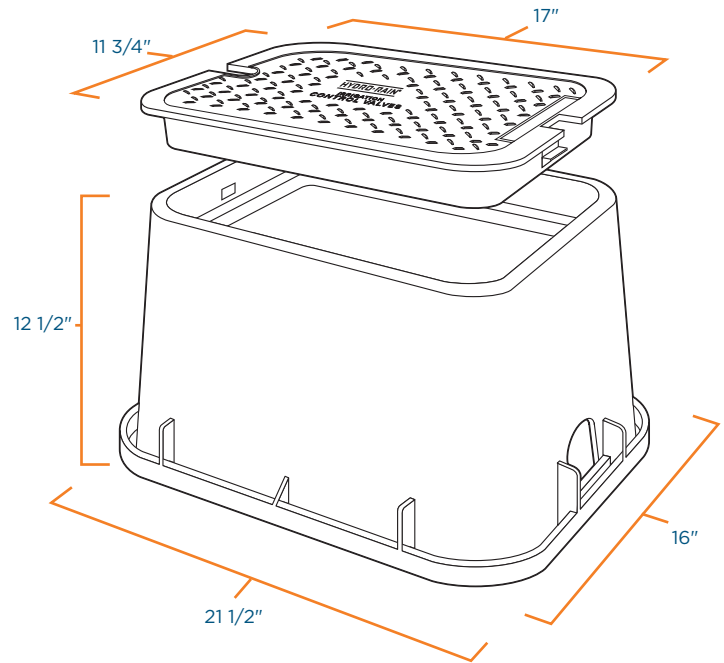
MATERIAL SPECIFICATIONS

*PROPERTIES OF BASE MATERIAL	ASTM TEST METHOD	HDPE
Tensile Strength	D-638	2,700-4,400 psi (Typical Range)
Flexural Modulus	D-790	Min 140,000 not to exceed 240,000 psi
Notched Izod Impact Strength	D-256	0.5-3.0 (Typical Range)
Density	D-792	Min 0.95 not to exceed 0.965
Deflection Temp @ 66psi	D-648	150° to 200° F
Electrical Dielectric Strength	D-149	400-600 V/mil (Typical Range)

MOLDED PRODUCT	ASTM TEST METHOD	HDPE
Chemical Resistance	D-543	Very Resistant
Water Absorption	D-570	≤ 1% weight change
Static Vertical Load Rating	C-857	A-0.3, 300 lb. ft/ft2

*Material specifications subject to change based on availability

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BOX STRENGTH - CRUSH TEST

VALVE BOX BODY LOAD	MAXIMUM LOAD LBS.	DEFLECTION INCHES
1419-12 Standard	28,688	0.390
1419-6X Standard	20,875	0.420

VALVE BOX LID LOAD	MAXIMUM LOAD LBS.	DEFLECTION INCHES
1419-12 Standard	8,450	3.700

VALVE BOX BODY LOAD	MAXIMUM LOAD LBS.	DEFLECTION INCHES
1419-12 Standard	400	2.800
1419-6X Standard	1,250	3.200

Note: Enclosure is for use in non-vehicular traffic applications only. Installation in concrete or asphalt is not recommended. Weights and dimensions may vary slightly.



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