



TORO® VALVE BOXES AND DRY BOXES



Valve boxes are used for practical, aesthetic and security reasons wherever valves or off-fairway GDC modules need to be installed below grade but remain accessible for monitoring or service. Toro offers a full line of valve boxes that will fit valves up to 4" and 1-, 2- and 4- station GDC modules.

FEATURES & BENEFITS

T-lip Lid Design

The T-lip lid design keeps dirt out to prevent jamming and provides improved grip for lid removal and easy access to the equipment inside. The secure snap fit and bolt retention ensure that only authorized personnel will have access.

Wide Range Of Sizes

Toro offers a wide range of round and rectangular boxes to meet every need. 6", 7" and 10" round; and 12" x 17" and 15" x 21" rectangular in both 12" standard depth and 6" shallow depth. With the reverse stack capability and rectangular 6" extensions tackling deeper installations can be easily accomplished.

Variety of Colors

Toro valve boxes and covers come in a wide variety of colors to blend into the surrounding environment or to identify specific applications. Green for grass, tan for sand and purple for non-potable water applications. Black and brown to blend in with a variety of soils and mulches and gray for electrical applications.

Durable Construction

Valve boxes are constructed of H.D.P.E. (High-Density Polyethylene) with heavy-duty wall sections designed to provide a secure enclosure to protect your equipment investment.



*Reverse Stack
Allows for deeper
installations in an initial 12"
then 12" increments.*

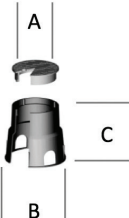
*Rectangular Extension Boxes
Rectangular extensions allow
for deeper installation in
6" increments*



Specifying Information—Round Valve Boxes

TVB-XXRND-XX		
Type	Size	Color Description
TVB	XXRND	XX
TVB—Toro Valve Box	6—6" Round 7—7" Round 10—10" Round	Blank— Green lid and black box G—Green lid and box GY—Gray lid and box (electrical) T—Tan lid and box E—Purple lid and box (effluent) BK—Black lid and box BR—Brown lid w/black box
Example: A Toro 7" round valve box for effluent water applications would be specified as: TVB-7RND-E		

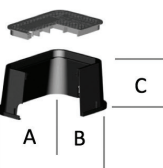
Description	A Length	B Width	C Height	Weight (lbs)
6"	6.3"	8.1"	9.0"	1.15 lbs
7"	6.8"	9.3"	9.0"	1.80 lbs
10"	9.9"	13.0"	10.3"	3.39 lbs



Specifying Information—Rectangular Valve Boxes

TVB-XXXX-XX-XX			
Type	Size	Height	Color Description
TVB	XXXX	XX	XX
TVB—Toro Valve Box	1217—12"X17" 1521—15"X21"	6—6" High 12—12" High	Blank— Green lid and black box G—Green lid and box GY—Gray lid and box (elect.) T—Tan lid and box E—Purple lid and box (effluent) BK—Black lid and box BR—Brown lid w/black box
Example: A Toro 12x17x6 rectangular valve box for effluent water applications would be specified as: TVB-1217-6-E			

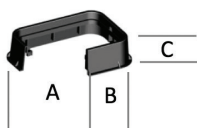
Description	A Length	B Width	C Height	Weight (lbs)
12x17x6	18.8"	13.8"	6.8"	6.56 lbs
12x17x12	21.0"	16.0"	12.3"	9.05 lbs
15x21x6	24.3"	18.8"	7.2"	8.75 lbs
15x21x12	25.7"	19.1"	12.3"	12.11 lbs



Specifying Information—Rectangular Extensions

TVB-XXXX-EXT6BOX-XX			
Type	Size	Height	Color Description
TVB	XXXX	EXT6BOX	XX
TVB—Toro Valve Box	1217—12"X17" 1521—15"X21"	EXT6BOX—6" High	Blank— Black box G—Green box GY—Gray box (elect.) T—Tan box E—Purple box (effluent)
Example: A Toro 6" extension for a 12"x17" tan valve box would be specified as: TVB-1217-EXT6BOX-T			

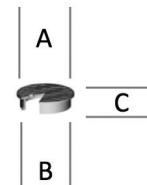
Description	A Length	B Width	C Height	Weight (lbs)
12x17x6	18.8"	13.8"	6.8"	6.71 lbs
15x21x6	24.3"	17.8"	6.9"	8.89 lbs



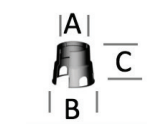
Specifying Information—Round Valve Box Separates

TVB-XXXX-XX		
Type	Size Box or Lid	Color Description
TVB	XXXX	XX
TVB—Toro Valve Box	6LID—6" Round lid 7LID—7" Round lid 10LID—10" Round lid BOX6—6" Box (black only) BOX7—7" Box (black only) BOX10—10" Box (black only)	G—Green lid GY—Gray lid (electrical) T—Tan lid E—Purple lid (effluent) BK—Black lid BR—Brown lid
Example: A Toro 7" round valve box lid for effluent water applications would be specified as: TVB-7LID-E		

Description	A Length	B Width	C Height	Weight (lbs)
6" lid	6.3"	8.1"	1.2"	.31 lbs
7" lid	6.8"	9.3"	1.7"	.52 lbs
10" lid	9.9"	13.0"	2.1"	1.13 lbs



Description	A Length	B Width	C Height	Weight (lbs)
6" box	6.3"	8.1"	9.0"	.77 lbs
7" box	6.8"	9.3"	9.0"	1.19 lbs
10" box	9.9"	13.0"	10.3"	2.26 lbs

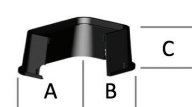
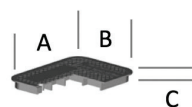


Specifying Information—Rectangular Valve Box Separates

TVB-XXXX-LID-XX			
Type	Size	Height	Color Description
TVB	XXXX	LID	XX
TVB—Toro Valve Box	1217—12"X17" 1521—15"X21"	LID—Lid	Blank— Green lid G—Green lid GY—Gray lid (elect.) T—Tan lid E—Purple lid (effluent) BK—Black lid BR—Brown lid
Example: A Toro 12x17 rectangular valve box lid for effluent water applications would be specified as: TVB-1217-LID-E			

TVB-XXXX-XXXXXX		
Type	Size	Height
TVB	XXXX	XX
TVB—Toro Valve Box	1217—12"X17" 1521—15"X21"	6BOX—6" High valve box 12BOX—12" High valve box
Example: A Toro 12x17x6 rectangular valve box would be specified as: TVB-1217-6BOX-BK		

Description	A Length	B Width	C Height	Weight (lbs)
12"x17" lid	16.9"	11.8"	2.0"	2.73 lbs
15"x21" lid	21.3"	14.9"	1.9"	3.23 lbs
12"x17"x6" box	18.8"	13.8"	6.8"	3.83 lbs
12"x17"x12" box	21"	16"	12.3"	6.32 lbs
15"x21"x6" box	24.3"	17.8"	6.9"	5.66 lbs
15"x21"x12" box	25.7"	19.1"	12.3"	8.88 lbs



- A Dual Bolt Retention covers**
Ensures proper sealing and vandal resistance.
- B Heavy Duty Lid**
Construction molded from High Density Polyethylene (H.D.P.E), available in Green, Tan, Purple, Black, Gray and Brown.
- C Accessory Plate (optional)**
Attaches directly to the lid and allows attachments of various components like GDC modules, elec/hyd converters, battery operated controllers and more.
- D Dual Seal Lid**
Keeps water and critters from creeping in from the top.
- E Heavy Duty Box**
Construction molded from High Density Polyethylene (H.D.P.E), available in Green, Tan, Purple, Black, Gray and Brown.
- F Dirt Skirt (optional)**
Attaches directly to the bottom of the valve box and provides an outer seal to prevent intrusion from burrowing rodents, water and critters.

Specifications

Static Vertical Load Rating: SCTE – Light Duty, Pedestrian

Properties of Base Material	ASTM Test Method	HDPE
Tensile Strength	D-638	2700-4,400 psi (Typical Range)
Flexural Modulus	D-790	Minimum 140,000 not to exceed 24,000 psi
Notched Izod Impact Strength	D-256	0.5 - 3.0 (Typical Range)
Deflection Temperature @ 66psi	D-648	150-200 F (Typical Range)
Density	D-792	Minimum 0.95- not to exceed 0.965
Electrical Dielectric Strength	D-149	400-600 V/mil (Typical Range)
Chemical Resistance	D-543	Very Resistant
Water Absorption	D-570	Less than 1% weight change
Warranty • Five years		



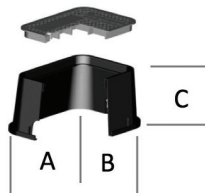
Specifying Information—Dry Box Valve Boxes

TVB-1217-12DB-XX			
Type	Size	Height	Color Description
TVB	1217	12DB	XX
TVB—Toro Valve Box	1217—12"X17"	12DB—12" High Dry Box	Blank— Green lid and black box G—Green lid and box GY—Gray lid and box (elect.) T—Tan lid and box E—Purple lid and box (effluent) BK—Black lid and box BR—Brown lid w/black box
Example: A Toro 12"x17"x12" valve box for electrical applications would be specified as: TVB-1217-12DB-GY			

Specifying Information—Dry Box Valve Boxes

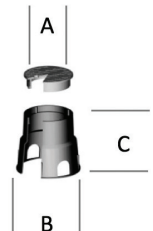
TVB-12RND-DB-XX			
Type	Size	Height	Color Description
TVB	12RND	DB	XX
TVB—Toro Valve Box	12" Round	Dry Box	G—Green GY—Gray (electrical) T—Tan E—Purple (effluent) BK—Black BR—Brown
Example: A Toro 12" round Dry Box for effluent water applications would be specified as: TVB-12RND-DB-E			

Description	A Length	B Width	C Height	Weight (lbs)
12DB	21.0"	16.0"	12.3"	9.8 lbs



Description	A Length	B Width	C Height	Weight (lbs)
DBAP	11.5"	8.5"	.2"	0.99 lbs
DBDS	19.8"	14.5"	1.3"	2.8 lbs

Description	A Length	B Width	C Height	Weight (lbs)
DB	11.5"	14.5"	12.75"	7.12 lbs



Accessories	
TVB-1217-DBAP	DRY BOX Accessory Plate
TVB-1217-DBDS	DRY BOX Dirt Skirt



**Toro is always there to help you care for your landscapes the way you want,
when you want, better than anyone else.**

TORO®

www.toro.com

**The Toro Company, Irrigation Division
5825 Jasmine Street
Riverside, CA 92504-1183
Phone: 877-345-8676
Fax: 800-862-8676**

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