WTCL(C) SERIES - PREMIUM WATERTIGHT WELL CAPS & ACCESSORIES

APPLICATIONS:
- For capping 10", 12", and 14" domestic or industrial wells to ensure vermin proof/watertight sealing to well casing.
- Provides easy access to well without interfering with seal to casing, or conduit and wiring.
- Stop tab allows for easy and accurate positioning of lower assembly.

FEATURES:
- Locking feature provides a secure/tamper proof design. padlock NOT included.
- Large dome vent cap with 24 mesh S.S. screen provided as standard.
- Easily converts to 100% water proof design by replacing the vent with a plug.
- Two lockable accessory ports.
- Durable blue powder coat paint, baked to ensure superior quality finish.
- Caps are supplied with a grounding terminal and the metal cap is bonded to the steel casing with 3 set screws.
- Personalization (optional) is available by means of an engraved aluminum plate, affixed by drive rivets.

ASSE Standard #1093-2019 & WSC Standard PAS-97 (2019)

SPECIFICATIONS:
- 4" FPT conduit connection provides lots of room for the installation of heavy gauge submersible pump cables.
- Two 1" FPT ports are provided for field installation of accessories.
- Thick heavy duty Styrene-butadiene rubber (SBR) gaskets.
- All hardware is Stainless Steel for maximum corrosion resistance (No Plated Fasteners).

CERTIFICATIONS:
- ASSE Standard #1093-2019, WSC Standard PAS-97 (2019) Performance Requirements for Pitless Adapters, Pitless Units, and well caps
    - Section 3.5 Tamper Resistance for Sanitary Well Caps
    - Section 3.6 Venting for Sanitary Well Caps
    - Section 3.7 Water-Resistant Capability for Sanitary Well Caps
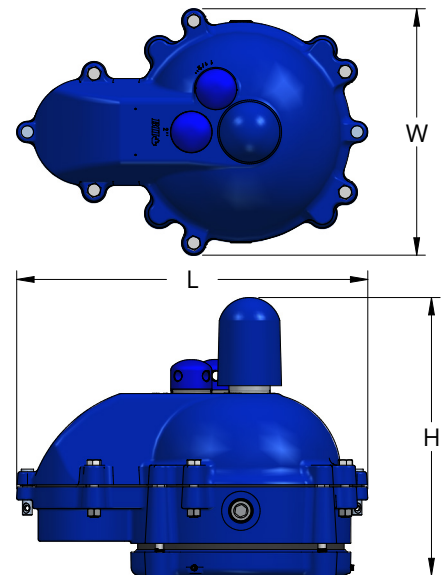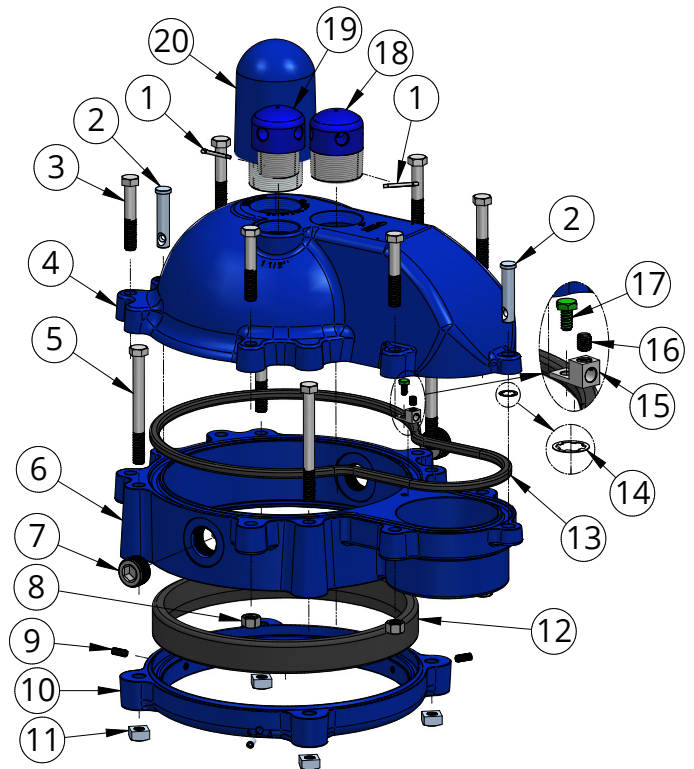
WTCL-C12

WTCL-C12 (Without Lid)

Casing Size (in)													
Part No.	I.D.	O.D.	Conduit Connection	Air Vents (sq in)/Mesh	L		W		H		Weight	
					in	mm	in	mm	in	mm	lb	kg
WTCL-C10	10.0	10-3/4	4" FPT	10.5 / 60	20.21	513.3	14.18	360.2	16.01	406.7	89.78	40.72
WTCL-C12	12.0	12-3/4	4" FPT	10.5 / 60	22.33	567.2	16.94	430.3	16.78	426.2	109.10	49.49
WTCL-C14	13.2	14	4" FPT	10.5 / 60	23.62	599.9	18.25	463.6	17.78	451.6	120.03	54.44

BOSHART INDUSTRIES

25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0
Tel: 800-561-3164

boshart.com ♦ blog.boshart.com

MATERIAL LIST			
Part No.	Qty.	Part Name	Material
1	2	5/32" x 1" Cotter Pin	Stainless Steel
2	1	Locking Pin (fits 0.27" shank padlock - not inlcuded)	Stainless Steel 304
3	6 (WTCL-C10)	1/2-13 UNC x 3" long Hex Head cap screw	Stainless Steel
	8 (WTCL-C12) (WCTL-C14)		
4	1	Cover	Iron, grey cast type 20
5	4 (WTCL-C10)	1/2-13 UNC x 5" long Hex Head cap screw	Stainless Steel
	6 (WTCL-C12) (WTCL-C14)		
6	1	Middle Ring	Iron, grey cast type 20
7	2	1-11 1/2 NPT Countersunk Hex Pipe Plug	Stainless Steel
8	6 (WTCL-C10)	1/2-13 UNC Hex Nut	Stainless Steel
	8 (WTCL-C12) (WCTL-C14)		
9	3	5/16-18 UNC x 3/4" long Set Screw per ANSI/ASME B18.6.2-1998	Stainless Steel
10	1	Lower Ring	Iron, grey cast type 20
11	4 (WTCL-C10)	1/2-13 UNC Square Nut	Stainless Steel
	6 (WTCL-C12) (WTCL-C14)		
12	1	Lower Gasket	SBR
13	1	Top Gasket	SBR
14	2	14mm External Push-on Retaining Ring (6 prongs)	Stainless Steel
15	1	Solderless Lug	Aluminum
16	1	5/16-24 UNF x 3/8" long Slotted Oval point Set Screw per ANSI/ASME B18.6.2-1998	Stainless Steel
17	1	1/4-20 UNC x 1/2" long Green Ground Bolt	Stainless Steel
18	1	Lockable 2" Test Cap	Iron, grey cast type 20
19	1	Lockable 1-1/2" Test Cap	Iron, grey cast type 20
20	1	Domed Vent Cap	Iron, grey cast type 20

BOSHART
I N D U S T R I E S

25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0
Tel: 800-561-3164

**boshart.com ♦ blog.boshart.com**

BII-WTCL-1024(81)

PREMIUM WATERTIGHT WELL CAP ACCESSORIES:
(SOLD SEPARATELY)

CONDUIT ADAPTER
- Converts the 4" FPT conduit connection into two ports: (1) 2" FPT and (1) 1" FPT conduit connections allowing for the separation of power cables and other sensor wiring to eliminate electrical interference.
- Blue powder coat paint applied for durability.
- Made of cast iron.
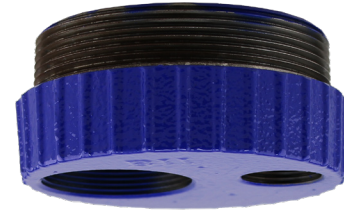
DIMENSIONS		
Part No.	**Weight**	
	lb	**grams**
WTCL-CA40-2010	3.95	1791.69

2" FPT CONNECTION

1" FPT CONNECTION

4.78"

2.25"

4" MPT CONNECTION
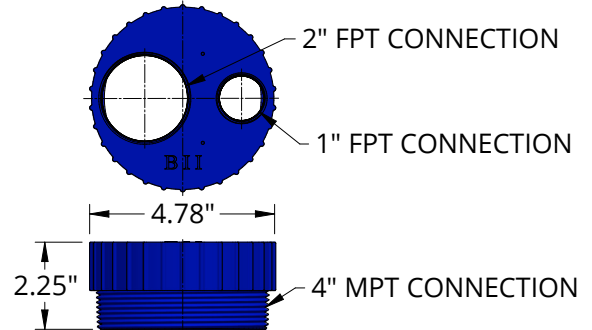
CABLE SEAL ASSEMBLY
- Provides watertight/vermin proof barrier between conduit piping and well chamber of the well cap.
- Plates and hardware are Stainless Steel for maximum corrosion resistance.
- Styrene-butadiene rubber (SBR) gasket.
- Four 1/4"-20 UNC x 1-1/2" long SS Hex Head Cap Screws.

DIMENSIONS			
Part No.	**Weight**		**Cable Diameter Range**
	lb	**grams**	
WTCL-CS40-312-4	3.86	1750.87	0.187" to 0.312"
WTCL-CS40-437-4	3.86	1750.87	0.312" to 0.437"
WTCL-CS40-563-4	3.86	1750.87	0.437" to 0.563"
WTCL-CS40-700-4	3.86	1750.87	0.563" to 0.7"
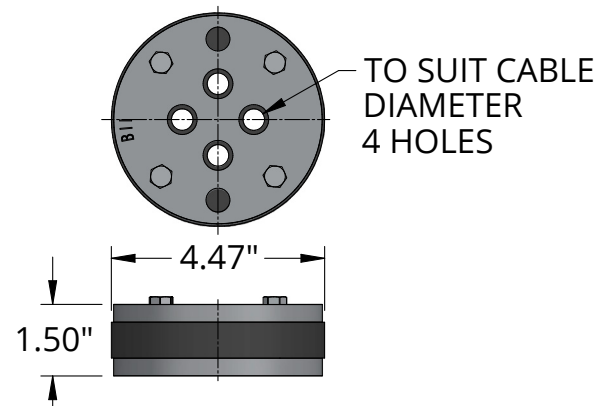
TO SUIT CABLE DIAMETER 4 HOLES

4.47"

1.50"

BOSHART
INDUSTRIES

BII-WTCL(CA40)(CS40)-1024(81)(131IPU)

LOCKING PIN FOR ACCESSORY PORTS

- For accessory ports on the 10", 12", or 14" WTCL-C series well caps.
- A padlock up to a maximum of 5/16" shank diameter will fit through pin hole.
- Made of 304 Stainless Steel.

WTCL-CLP

.71"

1.44"

4.38"

O 5/16"

.55"
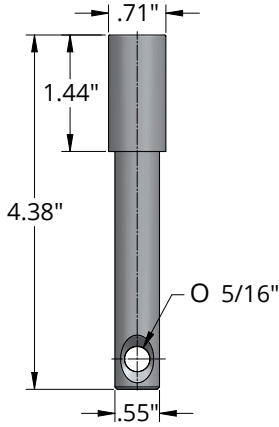
PREMIUM WATERTIGHT WELL CAP REPLACEMENT PARTS: (SOLD SEPARATELY)

VENT CAP

- Features a 24 mesh stainless steel screen.
- 2" MPT thread.
- SS Cotter key to lock vent in place included.
- Blue powder coat paint applied for durability.
- Made of cast iron.

DIMENSIONS			
Part No.	Well Cap Size	Weight	
		lb	grams
WTCL-VC-1014	10", 12" or 14"	4.22	1914.16
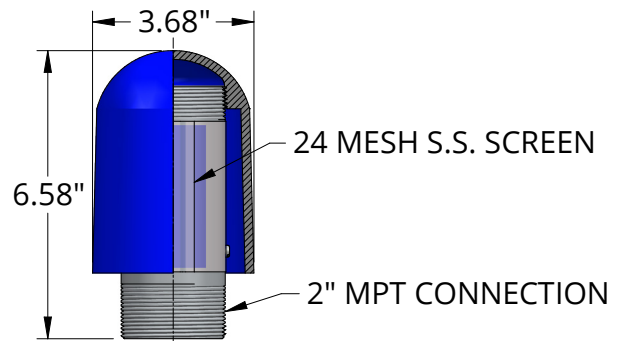
3.68"

6.58"

24 MESH S.S. SCREEN

2" MPT CONNECTION

BOSHART
INDUSTRIES

25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0
Tel: 800-561-3164

boshart.com ♦ **blog.boshart.com**

BII-WTCL(VC)(CLP)-1024(81)

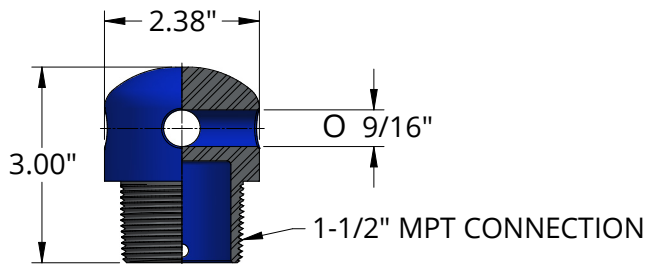# ACCESSORY CAPS FOR WTCL-C CAST IRON CAPS, 10", 12", 14"

- WTCL-CAP-15 & WTCL-CAP-20
- Extra long tapered pipe thread
- Hole for cotter pin located at bottom of threads
- Powder coated blue finish
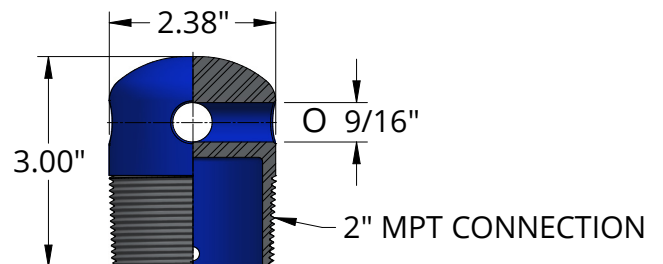- Can be secured with Locking Pin for Accessory Ports

WTCL-CAP-15 & Cotter Pin

- **DIMENSIONS:**

WTCL-CAP-15

2.38"

3.00"

O 9/16"

1-1/2" MPT CONNECTION

WTCL-CAP-20

2.38"

3.00"

O 9/16"

2" MPT CONNECTION

BOSHART
INDUSTRIES

25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0
Tel: 800-561-3164

boshart.com ⬥ **blog.boshart.com**

BII-(WTCL-CAP)1024(131IPU)