

PRODUCT CATALOG 2026



Innovative Solutions
for Secondary Containment

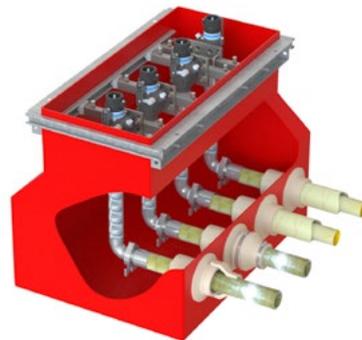


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Why Bravo?

We thrive on being the voice and not the echo in secondary containment. Our company earned the title as industry pioneers by being the first to invent and produce underground dispenser containment, fiberglass split repair fittings, double wall containment sumps, and conversion frames. Unlike others in the industry, our unique gasoline-resistant fiberglass resin eliminates the need for a gel coat on the interior of products.



S Bravo has achieved the UL 2447 designation for our complete line of products. This is the highest standard ever created to ensure that secondary containment systems perform in extreme underground environments.



Our products are designed to last. That is why S Bravo Systems has industry leading warranties compared to our competitors, including our 30-year corrosion warranty on all fiberglass containment products.



Our high quality solutions comply with EPA regulations for secondary containments in tough environments. Designed to a higher standard of sustainability, our constantly monitored double wall sumps are exempt from EPA triennial testing requirements.

	S Bravo Systems	Our Competitors
First to produce UDC solutions for the petroleum industry	✓	
30-year corrosion warranty on fiberglass containment products	✓	
Fuel compatible resins don't require gel-coat, reducing surface prep for fitting installation	✓	
Women-owned, minority-owned, and family-owned business	✓	

What's New at Bravo?



EV Charger Mounting Frame

EV chargers and power cabinets are supplied power from electrical conduits run under ground. This requires a vault beneath them for wiring connections and access for maintenance. The industry norm is to construct a custom concrete box below grade to mount the charger to. This is expensive and time-consuming.

Unique Benefits

- Eliminates the need for precast or custom concrete vaults under the charger
- Provides charger mounting points and strut to secure conduits
- Open bottom provides superior drainage

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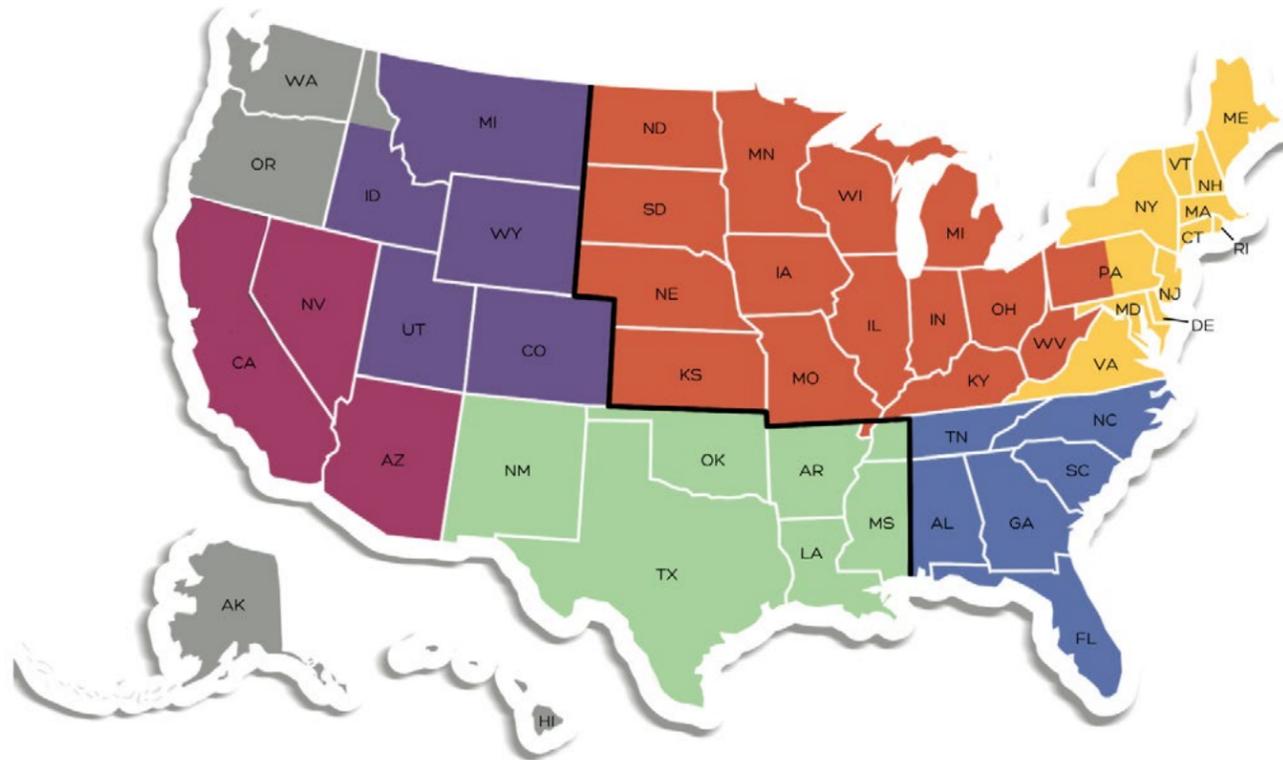
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Company Name	Territory	Website	Phone
Rice-Christ North West	AK, HI, OR, WA & Northern ID	www.rice-christ.com	800.724.7423
Rice-Christ, Inc.	AR, LA, MS, NM, OK, TX & Western TN	www.rice-christ.com	800.724.7423
Rocky Mountain Rep Agency	CO, MT, UT, WY & Southern ID	www.rmra.co	303.662.8344

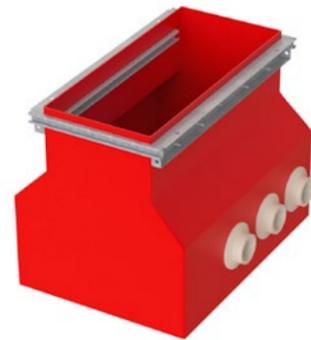
Company Name	Territory	Website	Phone
Walsh Long & Company	IL, IN, IA, KS, KY, MI, MN, MO, NE, ND, OH, SD, WI & WV & Western PA	www.walshlong.com	630.527.9933
East Coast Associates	CT, DE, ME, MD, MA, NH, NJ, NY, RI, VT, Eastern PA, & VA	www.estcst.com	973.454.0443



- Rice Christ North West
- Trent Caster, S Bravo Systems
- Rocky Mountain Rep Agency
- Rice Christ
- Walsh Long
- East Coast Associates
- Bob Hyatt, S Bravo Systems

Pre-Assembled Underground Dispenser Containment Sumps

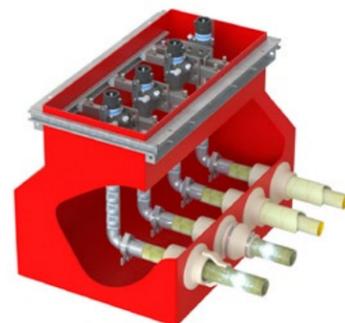
Pre-Plumb



Modular Series



EZ Sump



Problem Solved - Your Way

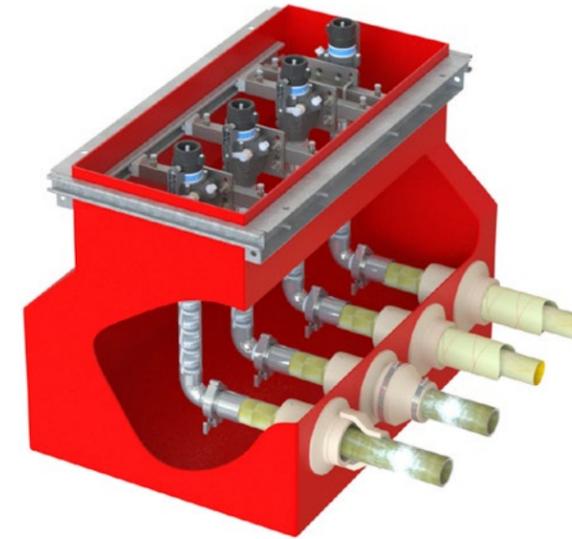
Whether your specifications require a partial or full installation, S Bravo Systems offers a wide range of installation application options customizable to your needs.

The New

EZ SUMP

A new way of installing Bravo UDC's with fiberglass pipe.

What makes the EZ Sump so... EZ? Our Bravo EZ Sump comes pre-assembled and factory tested, eliminating the need for field construction. Achieve peace of mind without the headache of drilling holes, waiting for epoxy to cure, and installing fittings. Save time with the EZ Sump's quick and easy installation!



Faster Installs

Backed By Bravo's Quality Assurance

Reduces Field Labor

Other Options

Standard Box

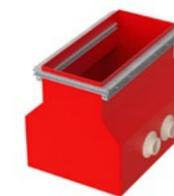
Traditional UDC only, without pre-installed components. These UL2447 listed sumps feature quality fiberglass construction that doesn't require gelcoat for fuel resistance, as well as industry leading warranties.

Pre-Plumbed

Bravo's UL2447 listed fiberglass UDC with the entry fittings of your choice pre-installed in accordance with your piping layout. All pre-plumb UDC's are hydrostatically tested at the factory before shipping to ensure a trouble-free installation.

Modular

Bravo's modular sumps give you a prebuilt option for flexible piping and series fiberglass applications. Includes everything you get with the pre-plumb UDC plus shear valves, flex-connectors Tee's, and 90's preinstalled and factory tested at 50psi.



* For Gilbarco Encore, Wayne Ovation, Wayne Helix, And Bennett Pacific Dispensers. Contact customer support for quote.

Underground Dispenser Containment Sumps

B1000

- Single Wall
- Double Wall
- Economy
- Combination DEF and Fuel



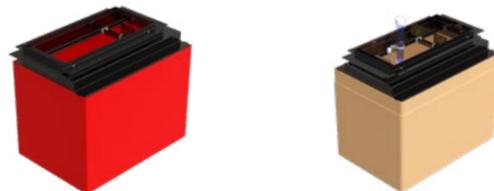
B8000

- Single Wall
- Double Wall



B9000

- Single Wall
- Double Wall

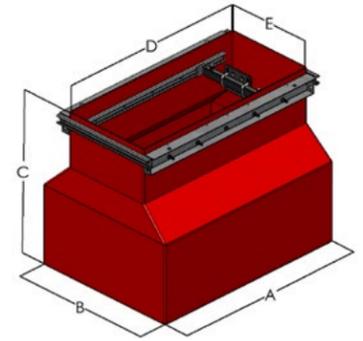


B1000 Single Wall UDC



Single wall fiberglass under dispenser containment sumps (UDC). Galvanized frame with electrical offsets on both ends.

- 30 year corrosion warranty
- One piece fiberglass construction
- Conduitless on both ends



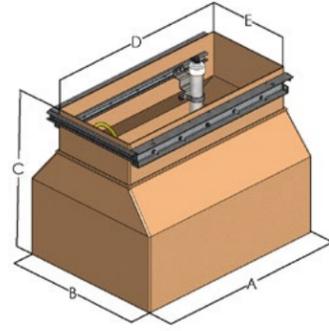
Dispenser Model	Part #	A	B	C	D	E
Gilbarco Encore 300, 500, 700	B1380-S30	38.5"	28"	29.5"	37.5"	17"
Wayne Ovation (3+0) (3+1) up to 3 inlets	B1250-S30	37"	28"	29.5"	35"	14.75"
Wayne Ovation High-Speed Diesel/Ovation HL/HS Series	B1254-S30	37"	28"	29.5"	35"	14.75"
Wayne Helix Wide Frame	B1256-S30	38.5"	28"	29.5"	37.5"	17"
Wayne Helix Narrow Frame	B1242-S30	29"	28"	29.5"	27.5"	14.75"
Wayne Reliance Select	B1210-S30	29"	28"	29.5"	27.5"	14.75"
Bennett Pacific	B1411-S30	37"	28"	29.5"	35"	14.75"
Bennett 3000 Big Fueler	B1430-S30	19"	28"	29.5"	19"	11.5"
Gasboy Atlas X 9XXXG	B1678-S30	29"	28"	29.5"	24"	14.75"

Parts and Accessories	
BK-1017	Boss-mount bracket for B1000 and 17" wide stabilizer bar assembly with hardware. Encore / Helix Wide models
BK-1015	Boss-mount bracket for B1000 and 15" wide stabilizer bar assembly with hardware. Ovation, Advantage Narrow, Vista, Reliance, Pacific, Helix Narrow.
BK-1011	Boss-mount bracket for B1000 and 11" wide stabilizer bar assembly with hardware. Gasboy Atlas I & 3000 Bennett
VST-UDC	VST, Vapor Stimulator Tube for UDC's, for Dri-Sump testing method, Clamp included.
SH-UDC	UDC sensor holder kit

B1000 Double Wall UDC

Double wall fiberglass under dispenser containment sumps (UDC). Galvanized frame with electrical offsets on both ends.

- Triennial testing exempt when properly monitored
- AB2481 compliant in California (VPH)
- 30 year corrosion warranty
- Translucent walls allow for visual inspection and troubleshooting



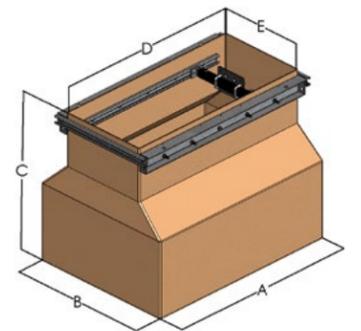
Dispenser Model	Part #	A	B	C	D	E
Gilbarco Encore 300, 500, 700	B1380-D30	38.5"	28"	29.5"	37.5"	17"
Wayne Ovation (3+0) (3+1) up to 3 inlets	B1250-D30	37"	28"	29.5"	35"	14.75"
Wayne Ovation High-Speed Diesel/Ovation HL/HS Series	B1254-D30	37"	28"	29.5"	35"	14.75"
Wayne Helix Wide Frame	B1256-D30	38.5"	28"	29.5"	37.5"	17"
Wayne Helix Narrow Frame	B1242-D30	29"	28"	29.5"	27.5"	14.75"
Wayne Reliance Select	B1210-D30	29"	28"	29.5"	27.5"	14.75"
Bennett Pacific	B1411-D30	37"	28"	29.5"	35"	14.75"
Bennett 3000 Big Fueler	B1430-D30	19"	28"	29.5"	19"	11.5"
Gasboy Atlas X 9XXXG	B1678-D30	29"	28"	29.5"	24"	14.75"

Parts and Accessories	
BK-1017	Boss-mount bracket for B1000 and 17" wide stabilizer bar assembly with hardware. Encore / Helix Wide models
BK-1015	Boss-mount bracket for B1000 and 15" wide stabilizer bar assembly with hardware. Ovation, Advantage Narrow, Vista, Reliance, Pacific, Helix Narrow.
BK-1011	Boss-mount bracket for B1000 and 11" wide stabilizer bar assembly with hardware. Gasboy Atlas I & 3000 Bennett
VST-UDC	VST, Vapor Stimulator Tube for UDC's, for Dri-Sump testing method, Clamp included.
SH-UDC	UDC sensor holder kit
MS-2L	Clear 2x15" tall manometer for electronic sensor. Bracket included.
MS-ATM	Clear 1x9" atmospheric manometer. Bracket included.
IF-1.0	Interstitial monitoring fluid - 1 gal
TEST-FIT-FRP	FRP Double Wall Test Port
K-900	Hydro-VAC filling kit for Doublewall sump. Venturi Assy & Ball Valve with 7 foot Hose.

B1000 Economy UDC

Single wall fiberglass under dispenser containment sumps (UDC). Galvanized frame with electrical offsets on both ends.

- 10 year corrosion warranty
- Superior materials priced comparably to polyethylene UDCs
- Conduitless bullet same as above
- One piece fiberglass construction



Dispenser Model	Part #	A	B	C	D	E
Gilbarco Encore 300, 500, 700	B1380-E30	38.5"	28"	29.5"	37.5"	17"
Wayne Ovation (3+0) (3+1) up to 3 inlets	B1250-E30	37"	28"	29.5"	35"	14.75"
Wayne Ovation High-Speed Diesel/Ovation HL/HS Series	B1254-E30	37"	28"	29.5"	35"	14.75"
Wayne Helix Wide Frame	B1256-E30	38.5"	28"	29.5"	37.5"	17"
Wayne Helix Narrow Frame	B1242-E30	29"	28"	29.5"	27.5"	14.75"
Wayne Reliance Select	B1210-E30	29"	28"	29.5"	27.5"	14.75"
Bennett Pacific	B1411-E30	37"	28"	29.5"	35"	14.75"
Bennett 3000 Big Fueler	B1430-E30	19"	28"	29.5"	19"	11.5"
Gasboy Atlas X 9XXXG	B1678-E30	29"	28"	29.5"	24"	14.75"

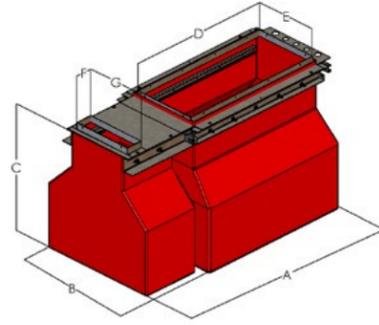
Parts and Accessories	
BK-1017	Boss-mount bracket for B1000 and 17" wide stabilizer bar assembly with hardware. Encore / Helix Wide models
BK-1015	Boss-mount bracket for B1000 and 15" wide stabilizer bar assembly with hardware. Ovation, Advantage Narrow, Vista, Reliance, Pacific, Helix Narrow.
BK-1011	Boss-mount bracket for B1000 and 11" wide stabilizer bar assembly with hardware. Gasboy Atlas I & 3000 Bennett
VST-UDC	VST, Vapor Stimulator Tube for UDC's, for Dri-Sump testing method, Clamp included.
SH-UDC	UDC sensor holder kit

B1000 Combination DEF and Fuel UDC



Single wall or double wall fiberglass under dispenser containment sumps (UDC), steel mid-frame, removable upper frame with electrical offset.

- Mounts to any B1000
- Options for cold and warm weather environment
- Separate DEF containment chamber
- 30 year corrosion warranty



B1000 Single Wall

Dispenser Model	Part #	A	B	C	D	E	F	G
Gilbarco Encore DEF Compartment add to B1380-S30. Use with BK-1015, sold/ separate.	B1305-S30	14.5"	28"	29.5"	14"	14.75"	4.25"	14.25"
Gilbarco Encore + DEF B1000 Series Dual Compartment	B1385-S30	54"	28"	29.5"	37.5"	17"	4.25"	14.5"
Wayne Ovation HS Warm Weather Diesel + DEF/Ovation HW Series B1000 Single Compartment	B1254-S30	37"	28"	29.5"	35"	14.75"	NA	NA
Wayne Ovation HS Cold Weather Diesel + DEF/ Ovation HD Series B1000 Dual Compartment	B1255-S30	43.5"	28"	29.5"	27"	14.75"	6.75"	11.75"

B1000 Double Wall

Dispenser Model	Part #	A	B	C	D	E	F	G
Gilbarco Encore + DEF B1000 Series	B1385-D30	54"	28"	29.5"	37.5"	17"	4.25"	14.5"
Wayne Ovation HS Warm Weather Diesel + DEF/ Ovation HW Se4ries B1000	B1254-D30	37"	28"	29.5"	35"	14.75"	NA	NA
Wayne Ovation HS Cold Weather Diesel + DEF/ Ovation HD Series B1000	B1255-D30	43.5"	28"	29.5"	27"	14.75"	6.75"	11.75"

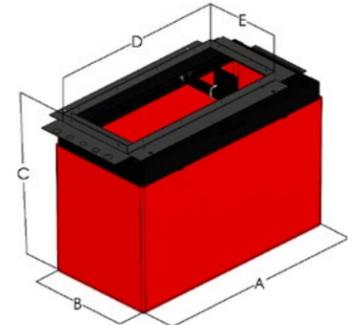
Parts and Accessories	
BK-1017	Boss-mount bracket for B1000 and stabilizer bar for 17" wide assembly with hardware Encore / Helix models
BK-1015	Boss-mount bracket for B1000 15" wide opening and stabilizer bar assembly with hardware. OVA, Adv Narrow, Vista, Reliance, Pacific and DEF Cabinet.
VST-UDC	VST, Vapor Stimulator Tube for UDC's, for Dri-Sump testing method, Clamp Included.
SH-UDC	UDC Sensor Holder Kit

B8000 Single Wall UDC



Single wall fiberglass under dispenser containment sumps (UDC), steel mid-frame, removable upper frame with electrical offset.

- Sized and tailored to any dispenser model
- Electrical Offset (EO) is standard on one end
- 30 year corrosion warranty



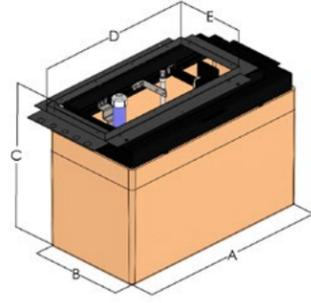
Dispenser Model	Part #	A	B	C	D	E
Gilbarco Encore 300, 500, 700	B8380-S30	41"	20"	30"	36"	15.25"
Wayne Ovation (3+0) (3+1) up to 3 inlets	B8250-S30	41"	20"	30"	40.5"	14.75"
Wayne Helix Wide Frame	B8256-S30	41"	20"	30"	40"	15"
Wayne Helix Narrow Frame	B8242-S30	29"	20"	30"	28.5"	14.75"
Wayne Ovation High-Speed Diesel/Ovation HL Series	B8254-S30	41"	20"	30"	40.5"	14.75"
Wayne Reliance Select	B8210-S30	29"	20"	30"	27.25"	15"
Gasboy Atlas X 9XXXG (Dispenser)	B8678-S30	29.5"	20"	30.5"	26.5"	14"
Gasboy Atlas X 9XXXG (Suction Pump)	B8678C-S30	29.5"	20"	30.5"	26.5"	14"
Bennett 3000 Big Fueler	B8430-S30	25.5"	20"	30"	23"	12.25"

Parts and Accessories	
BK-8000	Boss-Mount Bracket for B8000 & B9000 Series
BK-B2	Vapor Boss-Mount & U Bolt Mount Bracket for B8000 & B9000 Series
VST-UDC	VST, Vapor Stimulator Tube for UDC's, for Dri-Sump testing method, Clamp included.
SH-UDC	UDC Sensor Holder Kit

B8000 Double Wall UDC

Double wall fiberglass under dispenser containment sumps (UDC), steel mid-frame, removable upper frame with electrical offset.

- Removable upper frame for future dispenser changes
- Triennial testing exempt when properly monitored
- AB2481 compliant in California (VPH)
- 30 year corrosion warranty



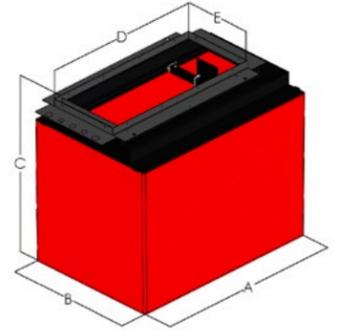
Dispenser Model	Part #	A	B	C	D	E
Gilbarco Encore 300, 500, 700	B8380-D30	41"	20"	30"	36"	15.25"
Wayne Ovation (3+0) (3+1) up to 3 inlets	B8250-D30	41"	20"	30"	40.5"	14.75"
Wayne Helix Wide Frame	B8256-D30	41"	20"	30"	40"	15"
Wayne Helix Narrow Frame	B8242-D30	29"	20"	30"	28.5"	14.75"
Wayne Ovation High-Speed Diesel/Ovation HL/HS Series	B8254-D30	41"	20"	30"	40.5"	14.75"
Wayne Reliance Select	B8210-D30	29"	20"	30"	27.25"	15"
Gasboy Atlas X 9XXXG (Dispenser)	B8678-D30	29.5"	20"	30.5"	26.5"	14"
Gasboy Atlas X 9XXXG (Suction Pump)	B8678C-D30	29.5"	20"	30.5"	26.5"	14"
Bennett 3000 Big Fueler	B8430-D30	25.5"	20"	30"	22.75"	12.25"

Parts and Accessories	
BK-8000	Boss-Mount Bracket for B8000 & B9000 Series
BK-B2	Vapor Boss-Mount & U Bolt Mount Bracket for B8000 & B9000 Series
VST-UDC	VST, Vapor Stimulator Tube for UDC's, for Dri-Sump testing method, Clamp included.
MS-2L	Clear 2x15" tall manometer for electronic sensor. Bracket included.
MS-ATM	Clear 1x9" atmospheric manometer. Bracket included.
TEST-FIT-FRP	FRP Double Wall Test Port
SH-UDC	UDC sensor holder kit
IF-1.0	Interstitial monitoring fluid - 1 gal
K-900	Hydro-VAC filling kit for Doublewall sump. Venturi Assy & Ball Valve with 7 foot Hose.

B9000 Single Wall UDC

Single wall fiberglass under dispenser containment sumps (UDC), steel mid-frame, removable upper frame with electrical offset.

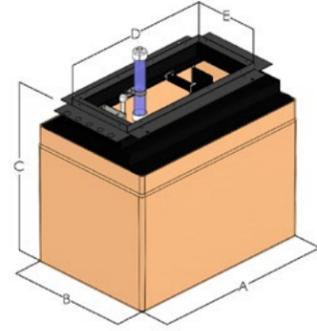
- Sized and tailored to any dispenser model
- 30 year corrosion warranty



Dispenser Model	Part #	A	B	C	D	E
Gilbarco Encore 300, 500, 700	B9380-S36	41"	28"	35.5"	36"	15.25"
Wayne Ovation (3+0) (3+1) up to 3 inlets	B9250-S36	41"	28"	35.5"	40.5"	14.75"
Wayne Helix Wide Frame	B9256-S36	41"	28"	35.5"	40"	15"
Wayne Helix Narrow Frame	B9242-S36	29"	28"	35.5"	28.5"	14.75"
Wayne Ovation High-Speed Diesel/Ovation HL/HS Series	B9254-S36	41"	28"	35.5"	40.5"	14.75"
Wayne Reliance Select	B9210-S36	29"	28"	35.5"	27.25"	15"
Gasboy Atlas X 9XXXG (Dispenser)	B9678-S36	29"	28"	36"	26.5"	14"
Gasboy Atlas X 9XXXG (Suction Pump)	B9678C-S36	29"	28"	36"	26.5"	14"
Bennett 3000 Big Fueler	B9430-S36	25.5"	28"	35.5"	23"	12.25"

Parts and Accessories	
BK-8000	Boss-Mount Bracket for B8000 & B9000 Series
BK-B2	Vapor Boss-Mount & U Bolt Mount Bracket for B8000 & B9000 Series
VST-UDC	VST, Vapor Stimulator Tube for UDC's, for Dri-Sump testing method, Clamp included.
SH-UDC	UDC Sensor Holder Kit

B9000 Double Wall UDC



Double wall fiberglass under dispenser containment sumps (UDC), steel mid-frame,removable upper frame with electrical offset.

- Larger design allows for more product lines
- Removable upper frame for future dispenser changes
- Triennial testing exempt when properly monitored
- 30 year corrosion warranty

Dispenser Model	Part #	A	B	C	D	E
Gilbarco Encore 300, 500, 700	B9380-D36	41"	28"	35.5"	36"	15.25"
Wayne Ovation (3+0) (3+1) up to 3 inlets	B9250-D36	41"	28"	35.5"	40.5"	14.75"
Wayne Helix Wide Frame	B9256-D36	41"	28"	35.5"	40"	15"
Wayne Helix Narrow Frame	B9242-D36	29"	28"	35.5"	28.5"	14.75"
Wayne Ovation High-Speed Diesel/Ovation HL/HS Series	B9254-D36	41"	28"	35.5"	40.5"	14.75"
Wayne Reliance Select	B9210-D36	29"	28"	35.5"	27.25"	15"
Gasboy Atlas X 9XXXG	B9678-D36	29"	28"	36"	26.5"	14"
Gasboy Atlas X 9XXXG (Suction Pump)	B9678C-D36	29"	28"	36"	26.5"	14"
Bennett 3000 Big Fueler	B9430-D36	25.5"	28"	35.5"	23"	12.25"

Parts and Accessories	
BK-8000	Boss-Mount Bracket for B8000 & B9000 series
BK-B2	Vapor Boss-Mount Bracket & U-Bolt Mount Bracket for B8000 & B9000 Series.
MS-2L	Clear 2x15" tall manometer for electronic sensor. Bracket Included
MS-ATM	Clear 1x19" atmospheric manometer. Bracket Included
TEST-FIT-FRP	FRP Double Wall Test Port
SH-UDC	UDC Sensor Holder Kit
IF-1.0	Interstitial monitoring fluid – 1 gal
K-900	Hydro- VAC filling for Double wall Sump. Venturi Assy & Ball Valve with 7- foot Hose.

UDC Hardware & Replacement Tops

UDC Hardware



Dispenser Sump Top Replacement



UDC Hardware

Riser

Part #	Description
2EZ-1.5NPT-16	1-1/2"x16" 304 Stainless Steel Pipe Nipple by 2" EZ Flange, dimension just 16" length of assembly, Pipe diameter (1-1/2")
2EZ-1.5NPT-19	1-1/2"x19" 304 Stainless Steel Pipe Nipple by 2" EZ Flange, dimension just 19" length of assembly, Pipe diameter (1-1/2")

Pipe Fittings

Part #	Description
2EZ-TCG	2" EZ Short Tee 304 SS with Three EZ Clamps and Three EZ Viton gaskets, dimension width of Tee (4") and 2" from CL of Tee to Flange)
2EZ-ECG	2" EZ Short Elbow 304 SS with Two EZ Clamps and Two EZ Viton gaskets, dimension 2" from C/L of Elbow to Flange in both directions.

Pipe End Fitting

Part #	Description
2EZ-FRP	2" FRP heavy duty 304 SS fitting by 2" EZ Flange. Dimension length and ID of 2" coupling.
2EZ-1.5NPSH	1.5" NPSH for OPW swage on fitting 304 SS by 2" EZ Flange, dimension length and OD. of 1-1/2" straight thread
2EZ-2.0NPSH	2" NPSH for OPW Swage On Fitting 304 SS by 2" EZ Flange, dimension Length and OD of the 2" straight thread.

Hardware

Part #	Description
2EZ-C	2" EZ Clamp 304 SS, dimension width and OD of the round part of clamp
2EZ-G	2" EZ Gasket Viton, dimension thickness of gasket and diameter
2-EZ-E	EZ Short SS Elbow
2-EZ-T	EZ Short SS Tee



2EZ-C

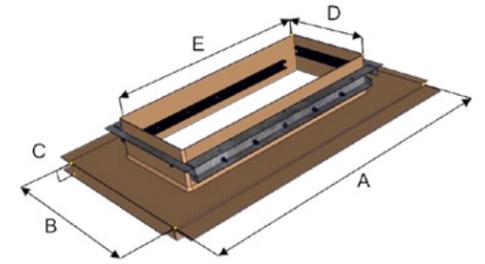


2EZ-TCG

Dispenser Sump Top Replacement

Fiberglass top lid galvanized steel frame

- Fiberglass or poly UDC frame replacement kit
- Best used when shear valve and dispenser mounting point is compromised



Part #	Description	A	B	C	D	E
CF-1250-S6	Dispenser sump top replacement, retrofit kit, Wayne Ovation/Ovation 2 dispenser, brackets ordered separately, available with UDC range of 41" - 52" length, 19" - 28" width	54"	28"	6"	14.75"	39"
CF-1380-S6	Dispenser sump top replacement, retrofit kit, Gilbarco Encore (300/500/700) dispenser, brackets ordered separately, available with UDC range of 41" - 52" length, 19" - 28" width	54"	28"	6"	17"	39"
CF-1670-S6	Dispenser sump top replacement, retrofit kit, Gasboy Atlas dispenser, brackets ordered separately, available with UDC range of 2" - 32" length, 12" - 25" width	32"	25"	6"	19"	11.5"
CF-1210-S6	Dispenser Sump Top Replacement, Retrofit Kit, Incl Bostik, Wayne Reliance/Select Dispenser, Incl (24) self tapping screws-loose, (4) VS-B - loose. Brackets ordered separately.	39.5"	28"	6"	14.25"	27"

Parts and Accessories	
BK-1017	Boss-mount bracket for B1000 and stabilizer bar for 17" wide assembly with hardware Encore / Helix models
BK-1015	Boss-mount bracket for B1000 15" wide opening and stabilizer bar assembly with hardware. OVA, Adv Narrow, Vista, Reliance, Pacific.
BK-1011	Boss-mount bracket for B1000 and stabilizer bar for 11" wide assembly with hardware. Gasboy Atlas model & Bennett.

Conversion Frame

Universal/Custom



Universal/Custom

- 1/2" anchor bolts and frame caps included
- Adapts dispensers to any UDC
- Ensure proper containment of leads in the hydraulic cabinet



Universal Conversion Frames for Retail Dispensers

New Dispenser Model	Part #	Description
Wayne Ovation	CU-250	Universal conversion frame for new Ovation dispenser, any existing dispenser
Wayne Ovation	CU-250-CA	For California. Universal conversion plate adaptor and plastic drip pan for new Ovation dispensers retail dispensers only
Gilbarco Encore	CU-380	Universal conversion plate adaptor and plastic drip pan for new Encore dispensers, Encore retail dispensers only
Gilbarco Encore	CU-380-CA	For California. Universal conversion plate adaptor and plastic drip pan for new Encore dispensers, Encore retail dispensers only
Bennett Pacific	CU-411	Universal conversion frame for new Bennett Pacific dispenser
Wayne Helix Wide	CU-256	Universal conversion plate adaptor and plastic drip pan. for new Helix dispensers. Helix retail dispensers only.
Wayne Ovation	CU-254	Universal conversion plate adaptor and plastic drip pan for HS/HW Ovation dispensers retail dispensers only
Gilbarco Encore	CU-385	Universal conversion plate adaptor and plastic drip pan for new Encore dispensers with DEF compartment. Encore retail dispensers only.
Gilbarco Encore	CU-385-CA	For California. Universal conversion plate adaptor and plastic drip pan. For new Encore dispensers with DEF compartment. Encore retail dispensers only.

Conversion Frames - Stainless Steel

New Dispenser Model	Part #	Description
Gilbarco Encore	CU-380-3	Universal Conversion frame for Encore dispenser, stainless steel 304, 12 gage, 48" L, 24" W, 2" H
Wayne Ovation	CU-250-3	Universal Conversion frame for new Ovation dispenser, stainless steel 304, 12 gage, 48" L, 24" W, 2" H

Replacement Part for Universal Conversion Frame

New Dispenser Model	Part #	Description
Universal Drip Tray Encore	DT-CU-380	Drip tray Encore dispenser Universal conversion frame
Universal Drip Tray Encore	DT-CU-380-CA	For California. Drip tray Encore dispenser Universal conversion frame
Universal Drip Tray Ovation	DT-CU-250	Drip tray Ovation dispenser Universal conversion frame
Universal Drip Tray Ovation	DT-CU-250-CA	For California. Drip tray Ovation dispenser Universal conversion frame

Custom Conversion Frames

Part #	Description
CONV-B2000-OPP	Custom fabricated conversion frame to adapt to any dispenser to any UDC. Form Required
CONV-B2000-OPP-LP	Custom fabricated Low Profile conversion frame. Form Required

Conversion Retrofit (California Only)

Part #	Description
CONV-Retrofit-Plate	Conversion retrofit plate (short sides), CA requirement; CONV-B2000 dispenser conversion frame (1) FRP panel 5"x25" per sump, incl. (1) Bravo EP100RF adhesive epoxy retrofit kit for bonding.
EN-DP	Deflector plate kit for Encore dispenser; set of 2
OV-DP	Deflector plate kit for Ovation dispenser; set of 2

Tank Sump Mounting Applications

Tank Sumps

Collar Mount

- Single Wall with Lids
- Double Wall with Lids
- Single Wall without Lids/Fill Sump/Multiport Covers
- Double Wall without Lids/Fill Sump/Multiport Covers



Closed Bottom

- Single Wall with Lids
- Double Wall with Lids



Tall Collar

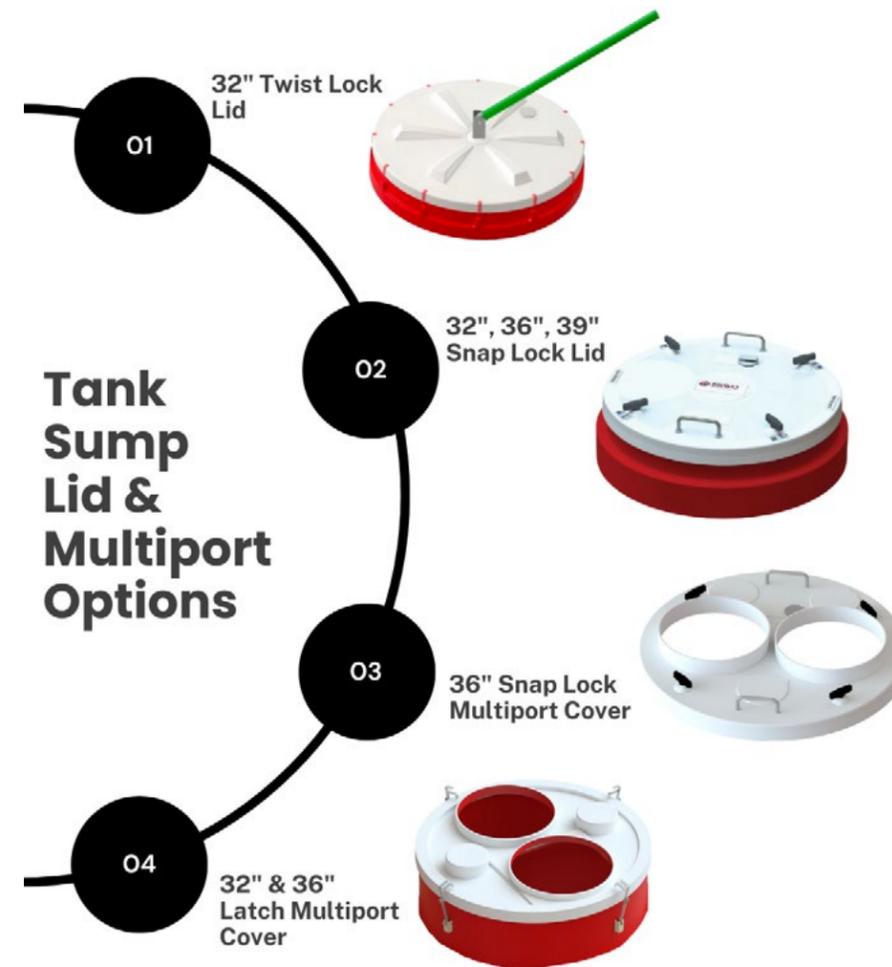
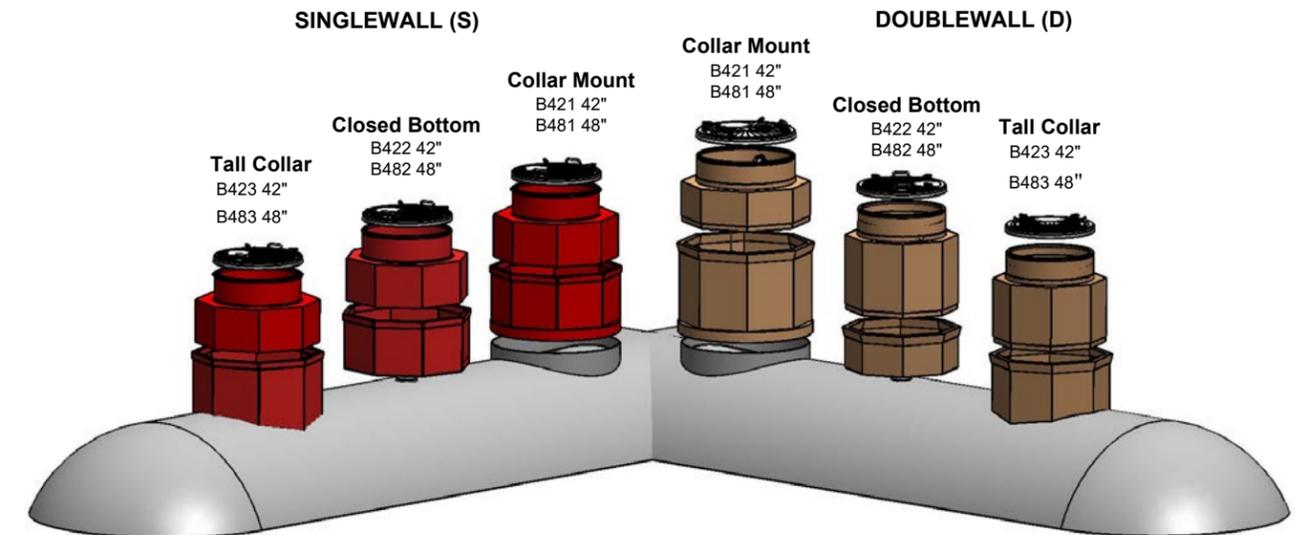
- Single Wall with Lids
- Double Wall with Lids



Tank Collars



56" Diameter tank sumps available upon request. Please contact customer service for details



Collar Mount Single Wall Tank Sump with Lids



Collar mounted single wall fiberglass tank sump; Two-piece height-adjustable octagon.

- Two-piece design for ease of installation
- Epoxy pour channel saves installation time
- Mounts to Bravo and 3rd party collars
- Offers various lid options
- 39" lids also available
- 30 year corrosion warranty

42" Diameter, 42" Collar

Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B421-42-S-01	B421-42-S-02	B421-42-S-50	24"	42"	26"	16"	42"
B421-48-S-01	B421-48-S-02	B421-48-S-50	32"	48"	26"	22"	42"
B421-60-S-01	B421-60-S-02	B421-60-S-50	36"	60"	38"	22"	42"
B421-72-S-01	B421-72-S-02	B421-72-S-50	36"	72"	50"	22"	42"
B421-84-S-01	B421-84-S-02	B421-84-S-50	36"	84"	62"	22"	42"

48" Diameter, 48" Collar

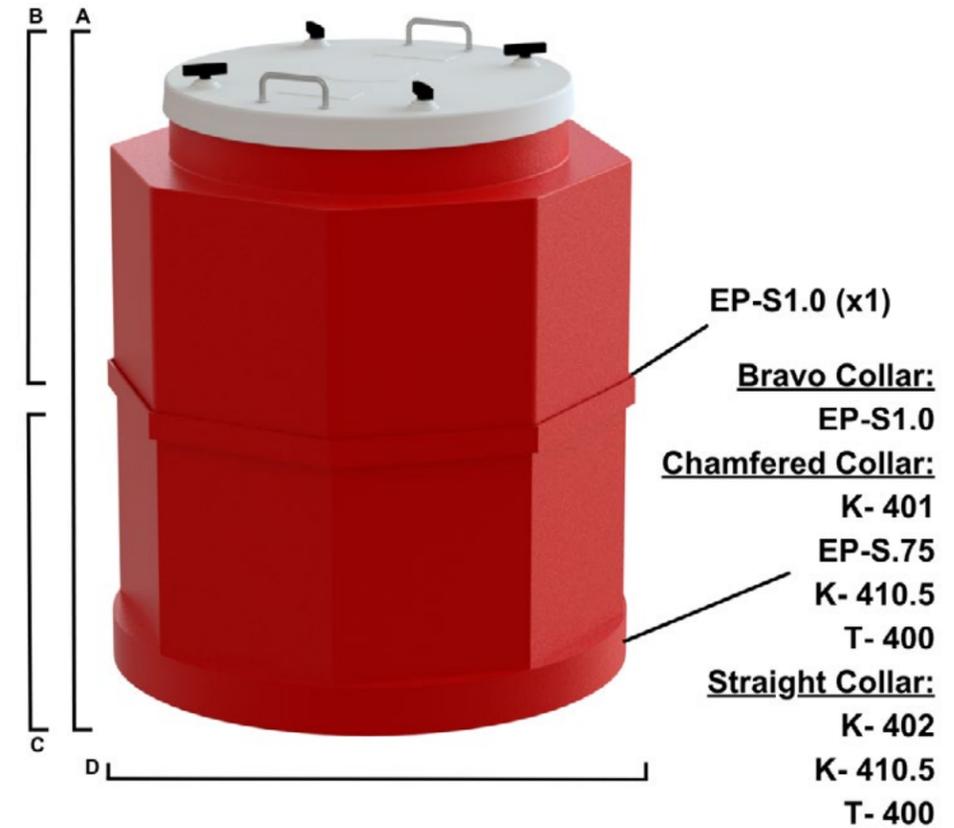
Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B481-42-S-01	B481-42-S-02	B481-42-S-50	24"	42"	26"	16"	42"
B481-48-S-01	B481-48-S-02	B481-48-S-50	32"	48"	26"	22"	42"
B481-60-S-01	B481-60-S-02	B481-60-S-50	36"	60"	38"	22"	42"
B481-72-S-01	B481-72-S-02	B481-72-S-50	36"	72"	50"	22"	42"
B481-84-S-01	B481-84-S-02	B481-84-S-50	36"	84"	62"	22"	42"

48" Diameter, 42" Collar

Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B487-42-S-01	B487-42-S-02	B487-42-S-50	24"	42"	26"	16"	42"
B487-48-S-01	B487-48-S-02	B487-48-S-50	32"	48"	26"	22"	42"
B487-60-S-01	B487-60-S-02	B487-60-S-50	36"	60"	38"	22"	42"
B487-72-S-01	B487-72-S-02	B487-72-S-50	36"	72"	50"	22"	42"
B487-84-S-01	B487-84-S-02	B487-84-S-50	36"	84"	62"	22"	42"

Recommended Part and Accessories	
K-402	Fiberglass laminating kit for 2 gallons, 90" fiberglass mat (Not returnable)
K-401	Fiberglass laminating kit for 1 gallon, 45" fiberglass mat (Not returnable)
K-410.5	Paste kit for interior and exterior joint, smooth transitions for laminations, 1/2 gallon (non-returnable)
K-410	Paste kit for interior and exterior joint, smooth transitions for laminations, 1 gallon (non-returnable)
EP-S1.0	1 gallon epoxy slurry kit. (non-returnable)
EP-S.75	3/4 gallon epoxy slurry kit. (non-returnable)
T-400	FRP & Paint Rollers and mixing bucket; fiberglass lam, tool kit, includes rollers.
SH-TS	Tank Sump Sensor Holder Kit
VST-TS	VST, Vapor Stimulator Tube for Tank Sump, for Dri-Sump leak detection/testing. Includes clamps and two tubes.

Additional Part and Accessories	
SL-32	Replacement 32" Bravo Snap-Lock lid. Includes O-Ring
SL-36	Replacement 36" Bravo Snap-Lock lid. Includes O-Ring
TL-32	Replacement 32" Twist Lock Lid (assembled)
OR-SL32	Replacement O-Ring for 32" Snap-Lock lid
OR-SL36	Replacement O-Ring for 36" Snap-Lock lid



Collar Mount Double Wall Tank Sumps with Lids



Collar mounted double wall fiberglass tank sump; Two-piece height-adjustable octagon.

- Epoxy pour channel saves installation time
- Sump lid adapts to various manufacturer manway
- 30 year corrosion warranty

42" Diameter, 42" Collar

Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B421-42-D-01	B421-42-D-02	B421-42-D-50	30"	42"	26"	16"	42"
B421-48-D-01	B421-48-D-02	B421-48-D-50	36"	48"	26"	22"	42"
B421-60-D-01	B421-60-D-02	B421-60-D-50	40"	60"	38"	22"	42"
B421-72-D-01	B421-72-D-02	B421-72-D-50	40"	72"	50"	22"	42"
B421-84-D-01	B421-84-D-02	B421-84-D-50	40"	84"	62"	22"	42"

48" Diameter, 48" Collar

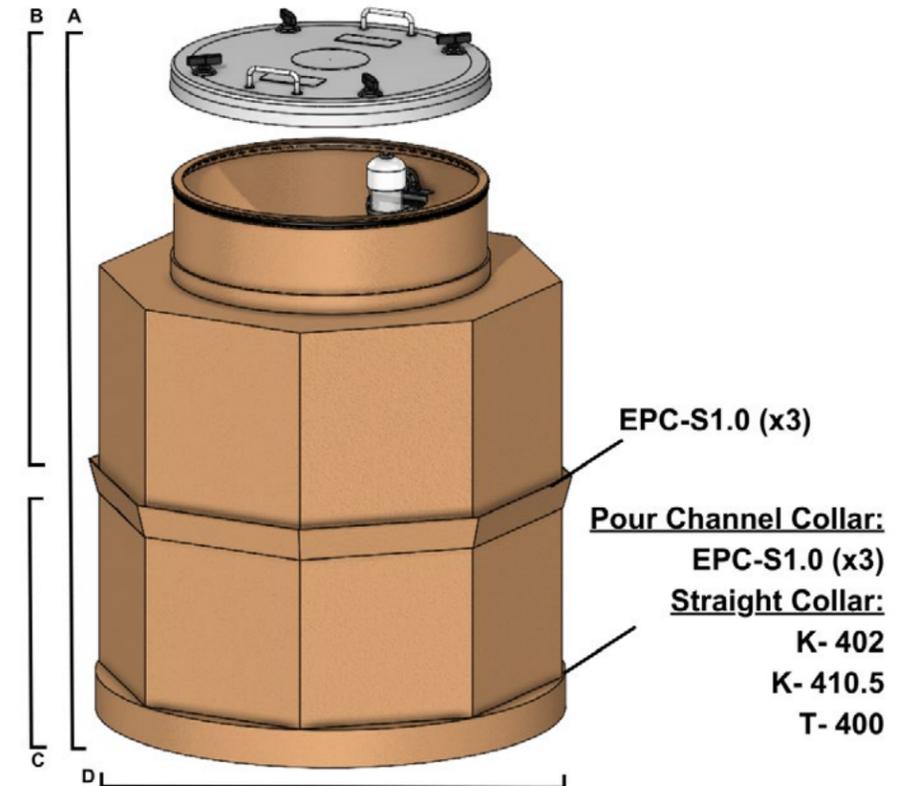
Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B481-42-D-01	B481-42-D-02	B481-42-D-50	30"	42"	26"	16"	48"
B481-48-D-01	B481-48-D-02	B481-48-D-50	36"	48"	26"	22"	48"
B481-60-D-01	B481-60-D-02	B481-60-D-50	40"	60"	38"	22"	48"
B481-72-D-01	B481-72-D-02	B481-72-D-50	40"	72"	50"	22"	48"
B481-84-D-01	B481-84-D-02	B481-84-D-50	40"	84"	62"	22"	48"

48" Diameter, 42" Collar

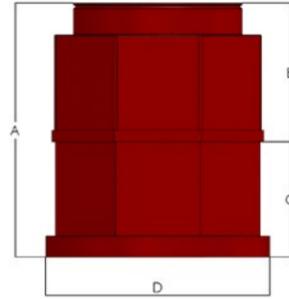
Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B487-42-D-01	B487-42-D-02	B487-42-D-50	30"	42"	26"	16"	48"
B487-48-D-01	B487-48-D-02	B487-48-D-50	36"	48"	26"	22"	48"
B487-60-D-01	B487-60-D-02	B487-60-D-50	40"	60"	38"	22"	48"
B487-72-D-01	B487-72-D-02	B487-72-D-50	40"	72"	50"	22"	48"
B487-84-D-01	B487-84-D-02	B487-84-D-50	40"	84"	62"	22"	48"

Recommended Part and Accessories	
K-402	Fiberglass laminating kit 2 gallons, 90" Fiberglass mat (Non-Returnable)
K-401	Fiberglass laminating kit 1 gallon, 45" Fiberglass mat (Non-Returnable)
K-410.5	Paste kit for interior and exterior joint, smooth transitions for lamination, 1/2 gallon. (Non-Returnable)
EPC-S1.0	1 gallon epoxy slurry kit. (Non-Returnable)
T-400	FRP & Paint rollers and mixing bucket: fiberglass lam, tool kit, includes rollers

Additional Part and Accessories	
SL-32	Replacement 32" Bravo Snap-Lock lid. Includes O-Ring
SL-36	Replacement 36" Bravo Snap-Lock lid. Includes O-Ring
TL-32	Replacement 32" Twist Lock Lid (assembled)
OR-SL32	Replacement O-Ring for 32" Snap-Lock lid
OR-SL36	Replacement O-Ring for 36" Snap-Lock lid
MS-3S	Clear 3x8" tall manometer for electronic sensor. Bracket included.
SH-TS	Tank sump sensor holder kit
VST-TS	Tank Sump Vapor Stimulator Tube for Dri-Sump leak detection/testing. Includes: clamps and two tubes
IF-1.0	Interstitial monitoring fluid – 1 gal
TEST-FIT-FRP	FRP Double Wall Test Port
K-900	Hydro-VAC filling kit for Doublewall sump. Venturi Assy & Ball Valve with 7 foot Hose.



Collar Mount Single Wall Tank Sumps without Lids/Fill Sump/Multiport Covers



Collar mounted single wall fiberglass tank sump; two-piece height-adjustable octagon.

- Compatible with Bravo's industry leading tank adapters
- Epoxy pour channel saves installation time
- 30 year corrosion warranty
- Multiport cover sold separately

42" Diameter, 42" Collar

Part # 32" Reducer with No Lid	Part # 36" Reducer with No Lid	Min	A	B	C	D
B421-48-S-00	B421-48-S-20	32"	48"	26"	22"	42"
B421-60-S-00	B421-60-S-20	36"	60"	38"	22"	42"
B421-72-S-00	B421-72-S-20	36"	72"	50"	22"	42"
B421-84-S-00	B421-84-S-20	36"	84"	62"	22"	42"

48" Diameter, 48" Collar

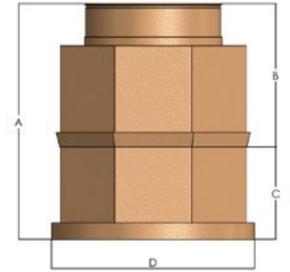
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B481-60-S-00	B481-60-S-20	36"	60"	38"	22"	48"
B481-72-S-00	B481-72-S-20	36"	72"	50"	22"	48"
B481-84-S-00	B481-84-S-20	36"	84"	62"	22"	48"

48" Diameter, 42" Collar

Part # 32" Reducer with No Lid	Part # 36" Reducer with No Lid	Min	A	B	C	D
B487-48-S-00	B487-48-S-20	32"	48"	26"	22"	48"
B487-60-S-00	B487-60-S-20	36"	60"	38"	22"	48"
B487-72-S-00	B487-72-S-20	36"	72"	50"	22"	48"
B487-84-S-00	B487-84-S-20	36"	84"	62"	22"	48"

Recommended Part and Accessories	
K-402	Fiberglass laminating kit for 2 gallons, 90" fiberglass mat (Not returnable)
K-401	Fiberglass laminating kit for 1 gallon, 45" fiberglass mat (Not returnable)
K-410.5	Paste kit for interior and exterior joint, smooth transitions for laminations, 1/2 gallon (non-returnable)
K-410	Paste kit for interior and exterior joint, smooth transitions for laminations, 1 gallon (non-returnable)
EP-S1.0	1 gallon epoxy slurry kit. (non-returnable)
EP-S.75	3/4 gallon epoxy slurry kit. (non-returnable)
T-400	FRP & Paint Rollers and mixing bucket; fiberglass lam, tool kit, includes rollers.
SH-TS	Tank Sump Sensor Holder Kit
VST-TS	VST, Vapor Stimulator Tube for Tank Sump, for DRI

Collar Mount Double Wall Tank Sumps without Lids/Fill Sump/Multiport Covers



Collar mount double wall fiberglass tank sump; Two-piece height adjustable octagon.

- Compatible with Bravo's industry leading tank adapters
- Epoxy pour channel saves installation time
- 30 year corrosion warranty
- Multiport cover sold separately

42" Diameter, 42" Collar

Part # 32" Reducer with No Lid	Part # 36" Reducer with No Lid	Min	A	B	C	D
B421-48-D-00	B421-48-D-20	36"	48"	26"	22"	42"
B421-60-D-00	B421-60-D-20	40"	60"	38"	22"	42"
B421-72-D-00	B421-72-D-20	40"	72"	50"	22"	42"
B421-84-D-00	B421-84-D-20	40"	84"	62"	22"	42"

48" Diameter, 48" Collar

Part # 32" Reducer with No Lid	Part # 36" Reducer with No Lid	Min	A	B	C	D
B481-48-D-00	B481-48-D-20	36"	48"	26"	22"	48"
B481-60-D-00	B481-60-D-20	40"	60"	38"	22"	48"
B481-72-D-00	B481-72-D-20	40"	72"	50"	22"	48"
B481-84-D-00	B481-84-D-20	40"	84"	62"	22"	48"

48" Diameter, 42" Collar

Part # 32" Reducer with No Lid	Part # 36" Reducer with No Lid	Min	A	B	C	D
B487-48-D-00	B487-48-D-20	36"	48"	26"	22"	48"
B487-60-D-00	B487-60-D-20	40"	60"	38"	22"	48"
B487-72-D-00	B487-72-D-20	40"	72"	50"	22"	48"
B487-84-D-00	B487-84-D-20	40"	84"	62"	22"	48"

Recommended Part and Accessories	
K-402	Fiberglass laminating kit for 2 gallons, 90" Fiberglass mat (Non-Returnable)
K-410.5	Paste kit for interior and exterior joint, smooth transitions for lamination, 1/2 gallon. (Non-Returnable)
EPC-S1.0	1 gallon epoxy slurry kit. (Non-Returnable)
T-400	FRP & Paint rollers and mixing bucket: fiberglass lam, tool kit, includes rollers

Additional Part and Accessories	
MS-3S	Clear 3x8" tall manometer for electronic sensor. Bracket Included.
SH-TS	Tank Sump Sensor Holder Kit.
IF-1.0	Interstitial Monitoring Fluid - 1 Gal
TEST-FIT-FRP	FRP Double Wall Test Port
K-900	Hydro-VAC Filling Kit for Doublewall Sump. Venturi Assy & Ball Valve with 7 Foot Hose.

Multiport Covers



Multiport Covers (order sump with no lid plus multiport cover as a separate line item)

Bucket Configuration	Reducer Size	Part #	Snap Lock	Latch
OPW Diesel 36" Multiport cover for OPW or Emco-Wheaton single bucket spill containment 8" offset (COPWDS-37)	36"	LF-15		X
OPW Diesel - 32" Multiport cover for OPW or Emco-Wheaton single bucket spill containment 8" offset (COPWDS-33)	32"	LF-09		X
OPW dual buckets 32" Multiport cover for OPW or Emco-Wheaton double bucket spill containment 16" on center (COPWS-33)	32"	LF-08		X
OPW dual buckets 36" Multiport cover for OPW or Emco-Wheaton double buckets spill containment 16" on center (COPWS-37)	36"	LF-14		X
Fiberlite only Multiport Fill, Snap Lock 36", - (1-15" ring 8" left, 1- 15" ring right) -16" on center) test port to match Fiberlite	36"	LF-24	X	
Fiberlite only Multiport fill, Snap Lock 36" (1-15" ring 8" left) test port to match Fiberlite	36"	LF-25	X	
Fiberlite only Multiport fill, Snap Lock 36" (1-15" ring 8" left) test port to match Fiberlite	36"	LF-26	X	
32" Multiport cover for Phil-Tite dual bucket spill containment 16" on center (CPTS-33)	32"	LF-06		X
Phil-Tite Diesel - 32" Multiport cover for Phil-Tite single bucket spill containment 8" offset. (CPTDS-33)	32"	LF-07		X

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Closed Bottom Single Wall Tank Sump With Lids



Closed bottom single wall fiberglass tank sump; Two-piece height-adjustable octagon.

- Compatible with Bravo's industry leading tank adapters
- Epoxy pour channel saves installation time
- 30 year corrosion warranty

42" Diameter

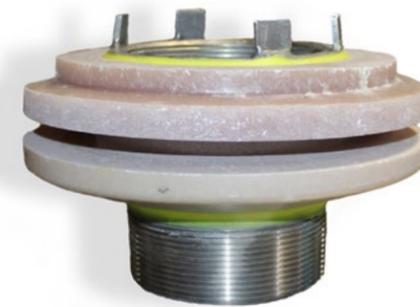
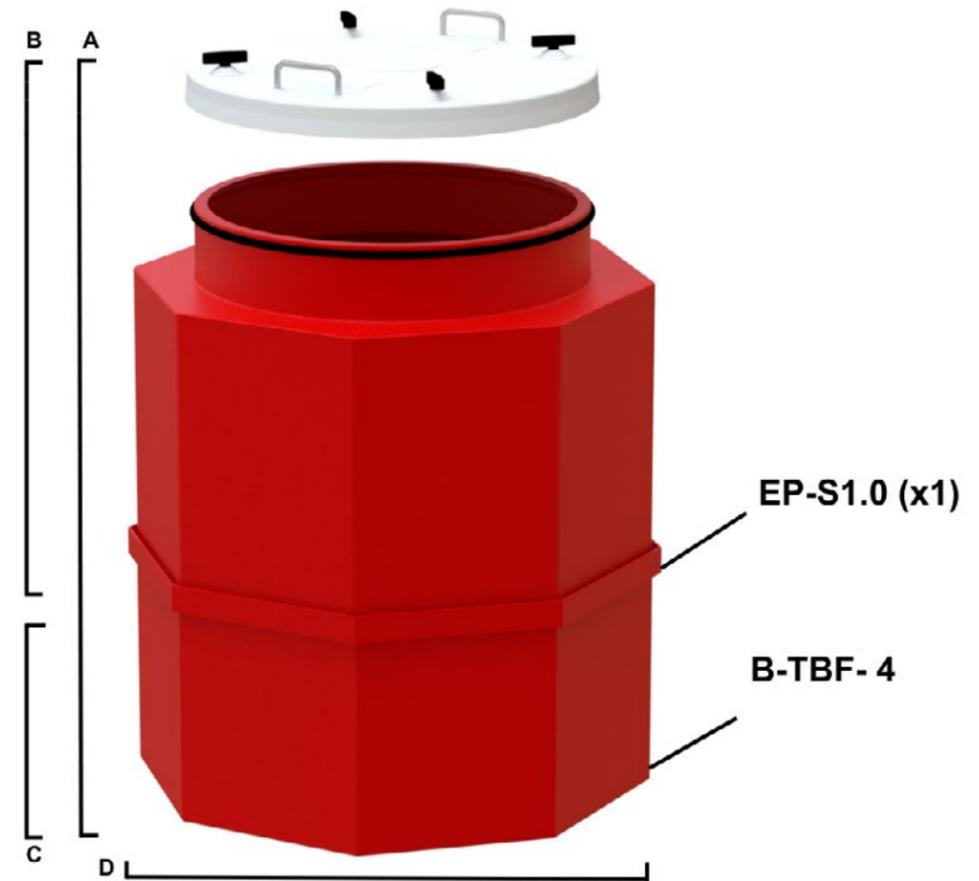
Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B422-42-S-01	B422-42-S-02	B422-42-S-50	22"	42"	30"	12"	42"
B422-48-S-01	B422-48-S-02	B422-48-S-50	32"	48"	30"	18"	42"
B422-60-S-01	B422-60-S-02	B422-60-S-50	32"	60"	42"	18"	42"
B422-72-S-01	B422-72-S-02	B422-72-S-50	32"	72"	54"	18"	42"
B422-84-S-01	B422-84-S-02	B422-84-S-50	32"	84"	66"	18"	42"

48" Diameter

Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B482-42-S-01	B482-42-S-02	B482-42-S-50	22"	42"	30"	12"	48"
B482-48-S-01	B482-48-S-02	B482-48-S-50	32"	48"	30"	18"	48"
B482-60-S-01	B482-60-S-02	B482-60-S-50	32"	60"	42"	18"	48"
B482-72-S-01	B482-72-S-02	B482-72-S-50	32"	72"	54"	18"	48"
B482-84-S-01	B482-84-S-02	B482-84-S-50	32"	84"	66"	18"	48"

Recommended Parts and Accessories	
EP-S1.0	1 gallon epoxy slurry kit. (not returnable)
B-TBF-4	4" NPT fiberglass tank bung fitting with machined threads. Includes (1) EP100RF
T-TBF4	HD compression clamp for B-TBF-4.

Parts and Accessories	
SL-32	Replacement 32" Bravo Snap-Lock lid. Includes O-Ring
SL-36	Replacement 36" Bravo Snap-Lock lid. Includes O-Ring
TL-32	Replacement 32" Twist Lock Lid (assembled)
OR-SL32	Replacement O-Ring for 32" Snap-Lock lid
OR-SL36	Replacement O-Ring for 36" Snap-Lock lid
SH-TS	Tank sump sensor holder kit



B-TBF-4

Closed Bottom Double Wall Tank Sump With Lids



Closed bottom double wall fiberglass tank sump; two-piece height adjustable octagon.

- Compatible with Bravo's industry leading tank adapters
- Epoxy pour channel saves installation time
- 30 year corrosion warranty

42" Diameter

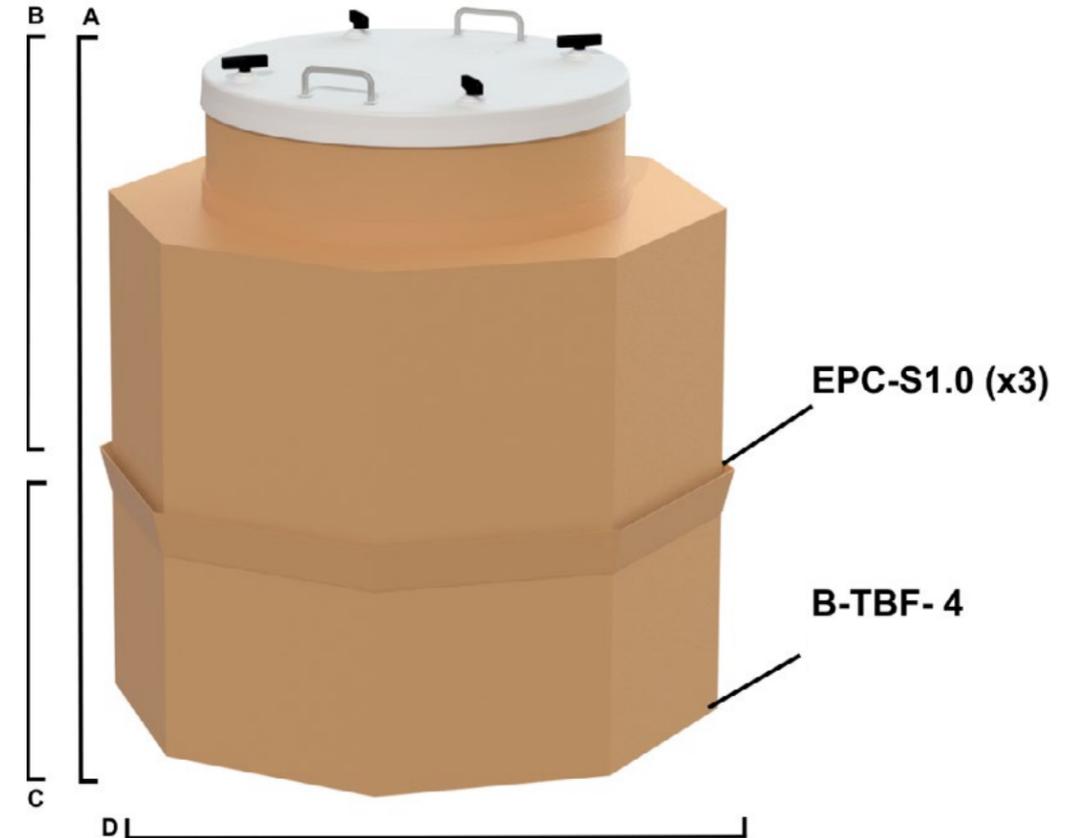
Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B422-42-D-01	B422-42-D-02	B422-42-D-50	26"	42"	30"	12"	42"
B422-48-D-01	B422-48-D-02	B422-48-D-50	30"	48"	30"	18"	42"
B422-60-D-01	B422-60-D-02	B422-60-D-50	36"	60"	42"	18"	42"
B422-72-D-01	B422-72-D-02	B422-72-D-50	36"	72"	54"	18"	42"
B422-84-D-01	B422-84-D-02	B422-84-D-50	36"	84"	66"	18"	42"

48" Diameter

Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B482-42-D-01	B482-42-D-02	B482-42-D-50	26"	42"	30"	12"	48"
B482-48-D-01	B482-48-D-02	B482-48-D-50	30"	48"	30"	18"	48"
B482-60-D-01	B482-60-D-02	B482-60-D-50	36"	60"	42"	18"	48"
B482-72-D-01	B482-72-D-02	B482-72-D-50	36"	72"	54"	18"	48"
B482-84-D-01	B482-84-D-02	B482-84-D-50	36"	84"	66"	18"	48"

Recommended Parts and Accessories	
EPC-S1.0	1 gallon epoxy slurry kit. (not returnable)
B-TBF-4	4" NPT fiberglass tank bung fitting with machined threads. Includes (1) EP100RF
T-TBF4	HD compression clamp for B-TBF-4.

Parts and Accessories	
SL-32	Replacement 32" Bravo Snap-Lock lid. Includes O-Ring
SL-36	Replacement 36" Bravo Snap-Lock lid. Includes O-Ring
TL-32	Replacement 32" Twist Lock Lid (assembled)
OR-SL32	Replacement O-Ring for 32" Snap-Lock lid
OR-SL36	Replacement O-Ring for 36" Snap-Lock lid
SH-TS	Tank sump sensor holder kit
IF-1.0	Interstitial monitoring fluid - 1 gal
TEST-FIT-FRP	FRP Double Wall Test Port
K-900	Hydro-VAC filling kit for Doublewall sump. Venturi Assy & Ball Valve with 7 foot Hose.



B-TBF-4

Tall Collar Single Wall Tank Sump With Lids



Tall collar single wall fiberglass tank sump; two-piece height adjustable octagon.

- Compatible with Bravo's industry leading tank adapters
- Epoxy pour channel saves installation time
- 30 year corrosion warranty

42" Diameter

Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B423-42-S-01	B423-42-S-02	B423-42-S-50	24"	42"	26"	16"	42"
B423-48-S-01	B423-48-S-02	B423-48-S-50	32"	48"	26"	22"	42"
B423-60-S-01	B423-60-S-02	B423-60-S-50	36"	60"	38"	22"	42"
B423-72-S-01	B423-72-S-02	B423-72-S-50	36"	72"	50"	22"	42"
B423-84-S-01	B423-84-S-02	B423-84-S-50	36"	84"	62"	22"	42"

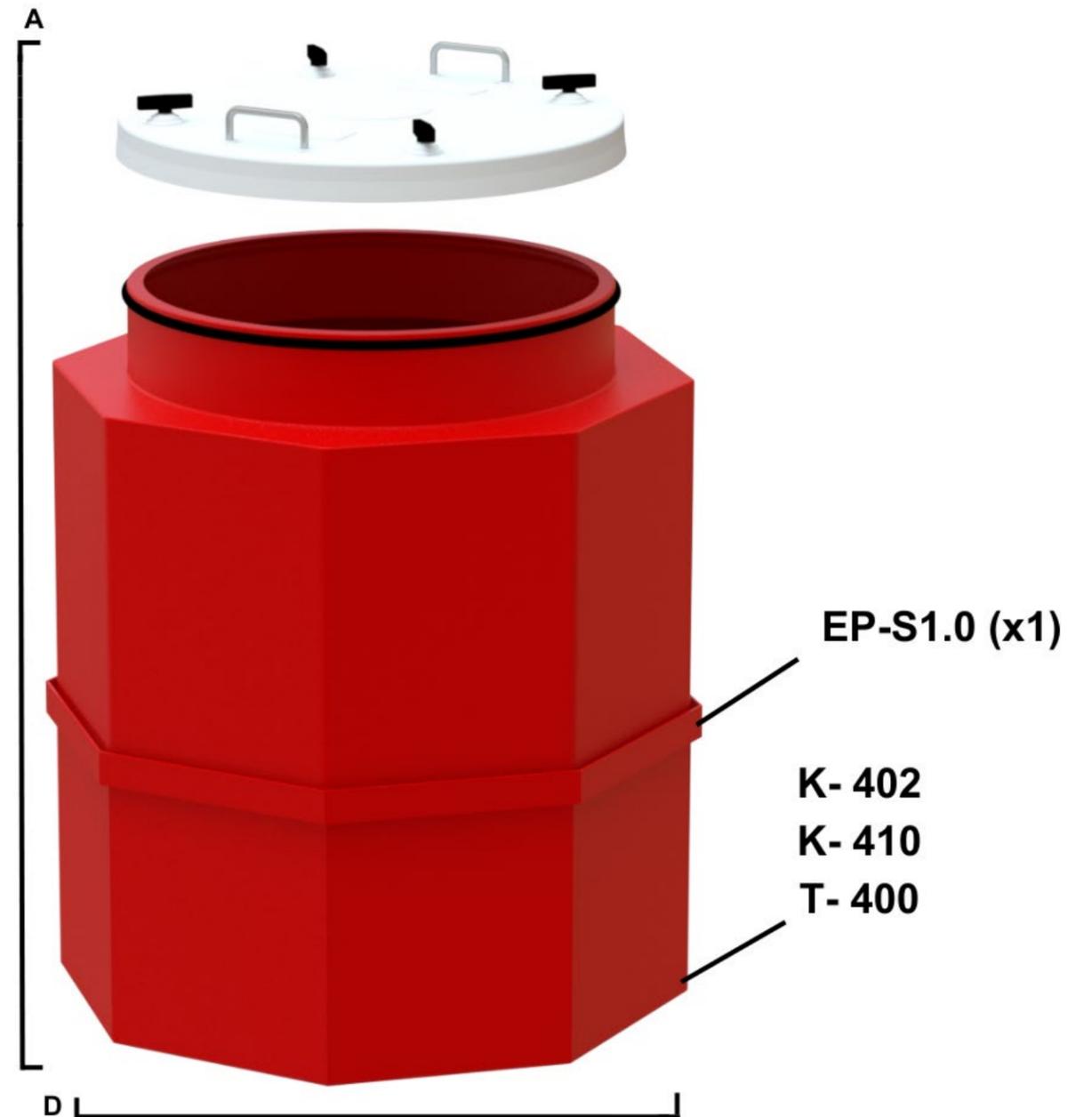
48" Diameter

Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B483-42-S-01	B483-42-S-02	B483-42-S-50	24"	42"	26"	16"	48"
B483-48-S-01	B483-48-S-02	B483-48-S-50	32"	48"	26"	22"	48"
B483-60-S-01	B483-60-S-02	B483-60-S-50	36"	60"	38"	22"	48"
B483-72-S-01	B483-72-S-02	B483-72-S-50	36"	72"	50"	22"	48"
B483-84-S-01	B483-84-S-02	B483-84-S-50	36"	84"	62"	22"	48"

Recommended Parts and Accessories	
K-401	Fiberglass laminating kit for 1 gallon, 45" fiberglass mat (Not returnable)
K-410.5	Paste kit for smooth transitions for laminations, 1/2 gallon (non-returnable)
K-402	Fiberglass Laminating Kit for 2 gallons, 90" Fiberglass Mat (Not Returnable)
K-410	Paste kit for interior and exterior joint, smooth transitions for laminations, 1 gallon (non-returnable)
EP-S1.0	1 gallon epoxy slurry kit. (non-returnable)
T-400	FRP & Paint Rollers and mixing bucket; fiberglass lam, tool kit, includes rollers.

Additional Parts and Accessories	
SL-32	Replacement 32" Bravo Snap-Lock lid. Includes O-Ring
SL-36	Replacement 36" Bravo Snap-Lock lid. Includes O-Ring
TL-32	Replacement 32" Twist Lock Lid (assembled)
OR-SL32	Replacement O-Ring for 32" Snap-Lock lid
OR-SL36	Replacement O-Ring for 36" Snap-Lock lid
SH-TS	Tank sump sensor holder kit
VST-TS	VST, Vapor Stimulator Tube for Tank sump, for Dri-Sump testing method, Clamp included.

Saddle Cut	
SC8-42	Upgrade to saddle cut 8' diameter onto a 42" diameter sump
SC10-42	Upgrade to saddle cut 10' diameter onto a 42" diameter sump
SC8-48	Upgrade to saddle cut 8' diameter onto a 48" diameter sump
SC10-48	Upgrade to saddle cut 10' diameter onto a 48" diameter sump



Tall Collar Double Wall Tank Sump With Lids



Tall collar double wall fiberglass tank sump; two-piece height adjustable octagon.

- Compatible with Bravo's industry leading tank adapters
- Epoxy pour channel saves installation time
- 30 year corrosion warranty
- Bravo double wall tall collar sumps have the option to mount to Bravo double-wall collars: see page 39

42" Diameter

Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B423-42-D-01	B423-42-D-02	B423-42-D-50	30"	42"	26"	16"	42"
B423-48-D-01	B423-48-D-02	B423-48-D-50	36"	48"	26"	22"	42"
B423-60-D-01	B423-60-D-02	B423-60-D-50	36"	60"	38"	22"	42"
B423-72-D-01	B423-72-D-02	B423-72-D-50	36"	72"	50"	22"	42"
B423-84-D-01	B423-84-D-02	B423-84-D-50	36"	84"	62"	22"	42"

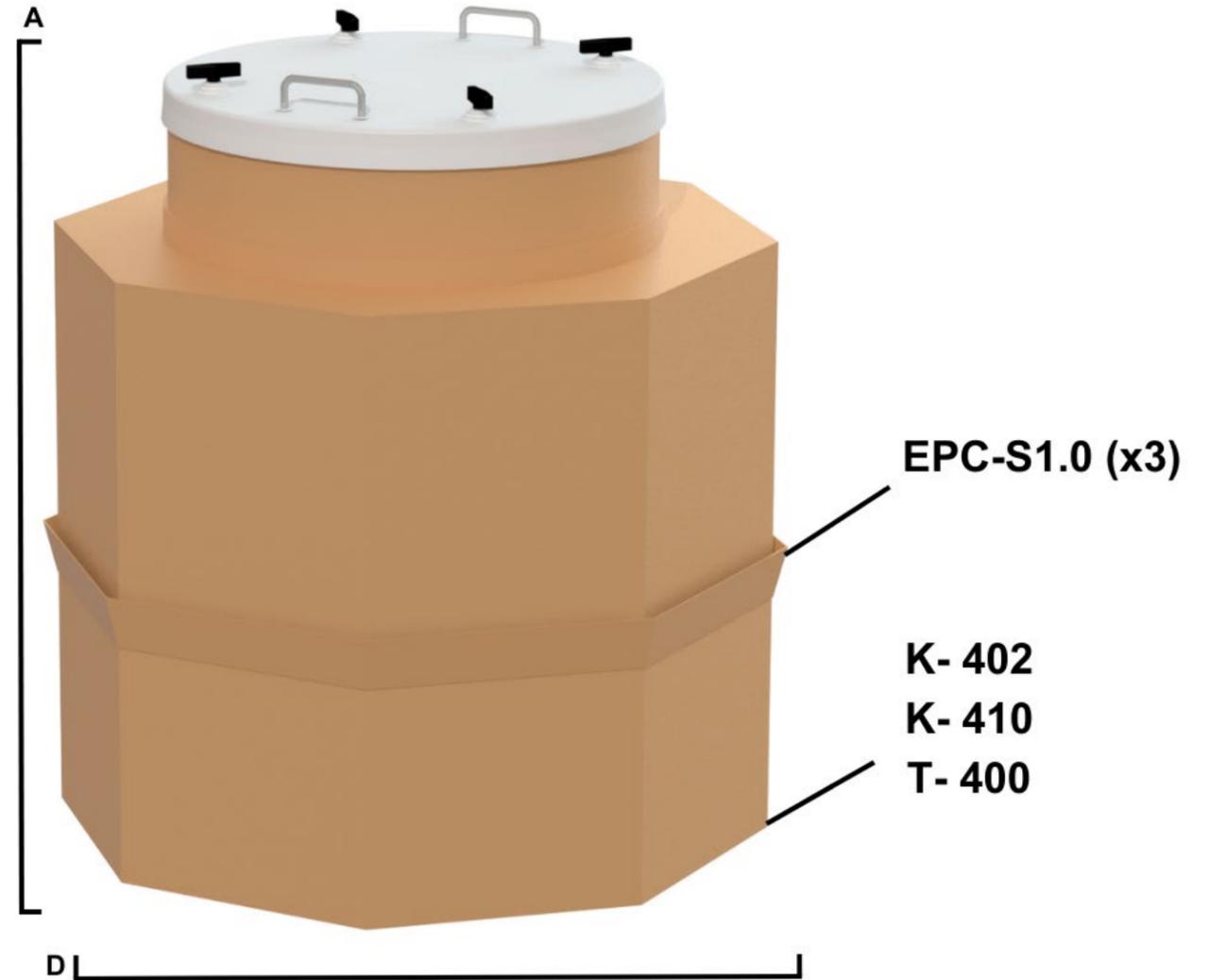
48" Diameter

Part # with 32" SL Lid	Part # with 36" SL Lid	Part # with 32" Twist-Lock Lid	Min	A	B	C	D
B483-42-D-01	B483-42-D-02	B483-42-D-50	30"	42"	26"	16"	48"
B483-48-D-01	B483-48-D-02	B483-48-D-50	36"	48"	26"	22"	48"
B483-60-D-01	B483-60-D-02	B483-60-D-50	36"	60"	38"	22"	48"
B483-72-D-01	B483-72-D-02	B483-72-D-50	36"	72"	50"	22"	48"
B483-84-D-01	B483-84-D-02	B483-84-D-50	36"	84"	62"	22"	48"

Recommended Parts and Accessories	
K-401	Fiberglass laminating kit for 1 gallon, 45" fiberglass mat (Not returnable)
K-410.5	Paste kit for smooth transitions for laminations, 1/2 gallon (non-returnable)
K-402	Fiberglass laminating kit for 2 gallons, 90" fiberglass mat (Not returnable)
K-410	Paste kit for interior and exterior joint, smooth transitions for laminations, 1 gallon (non-returnable)
EPC-S1.0	1 gallon epoxy slurry kit. (non-returnable)
T-400	FRP & Paint Rollers and mixing bucket; fiberglass lam, tool kit, includes rollers.

Additional Parts and Accessories	
SL-32	Replacement 32" Bravo Snap-Lock lid. Includes O-Ring
SL-36	Replacement 36" Bravo Snap-Lock lid. Includes O-Ring
TL-32	Replacement 32" Twist Lock Lid (assembled)
OR-SL32	Replacement O-Ring for 32" Snap-Lock Lid.
OR-SL36	Replacement O-Ring for 36" Snap-Lock Lid.
MS-3S	Clear 3x8" tall manometer for electronic sensor. Bracket Included.
SH-TS	Tank Sump Sensor holder kit
IF-1.0	Interstitial Monitoring Fluid - 1 Gal
TEST-FIT-FRP	FRP Doublewall Test Port
K-900	Hydro-VAC filling kit for Doublewall Sump. Venturi Assy & Ball Valve with 7-foot hose.

Saddle Cut	
SC8-42	Upgrade to saddle cut 8' diameter onto a 42" diameter sump
SC10-42	Upgrade to saddle cut 10' diameter onto a 42" diameter sump
SC8-48	Upgrade to saddle cut 8' diameter onto a 48" diameter sump
SC10-48	Upgrade to saddle cut 10' diameter onto a 48" diameter sump



Tank Collars



Manufactured for field installation to fiberglass or fiberglass jacketed tanks.

- Designed with easy slurry pours, saving installation time
- 30 year corrosion warranty
- Eliminates all laminating joints when used with Bravo tank sumps
- Proprietary double wall collar for Bravo double wall tall collar sumps: see page 38

42" Collar

Part #	Description
B420-12-S-CO	Singlewall 42" round collar with no saddle cut
B420-12-S-CO-S8	Singlewall 42" round collar, saddle cut 8' diameter
B420-12-S-CO-S10	Singlewall 42" round collar, saddle cut 10' diameter
B423-12-D-CO	Double-wall 42" octagonal, with port and plug, NO saddle cut.

48" Collar

Part #	Description
B480-12-S-CO	Singlewall 48" round collar with no saddle cut.
B480-12-S-CO-S8	Singlewall 48" round collar, saddle cut, 8' diameter.
B480-12-S-CO-S10	Singlewall 48" round collar, saddle cut 10' diameter.
B483-12-D-CO	Double-wall 48" octagonal, with port and plug, NO saddle cut.

Part and Accessories	
K-402	Fiberglass laminating kit for 2 gallons, 90" fiberglass mat (Not returnable)
K-410	Paste kit for interior and exterior joint, smooth transitions for laminations, 1 gallon (non-returnable)
T-400	FRP & Paint rollers and mixing bucket: fiberglass lam, tool kit, includes rollers



Transition Sumps

B500

- Single Wall
- Double Wall



B600

- Single Wall
- Double Wall



B800

- Single Wall
- Double Wall



B900

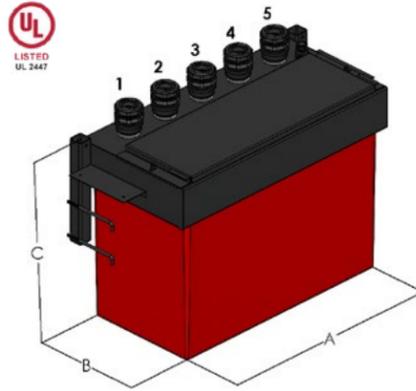
- Single Wall
- Double Wall



B500 Transition Sump

Planter-style single wall or double wall fiberglass vent/ transition sump.

- Comes standard with positive concrete anchoring and mounting points for optional rack system
- "Planter" style raised lid to keep surface water out
- 30 year corrosion warranty



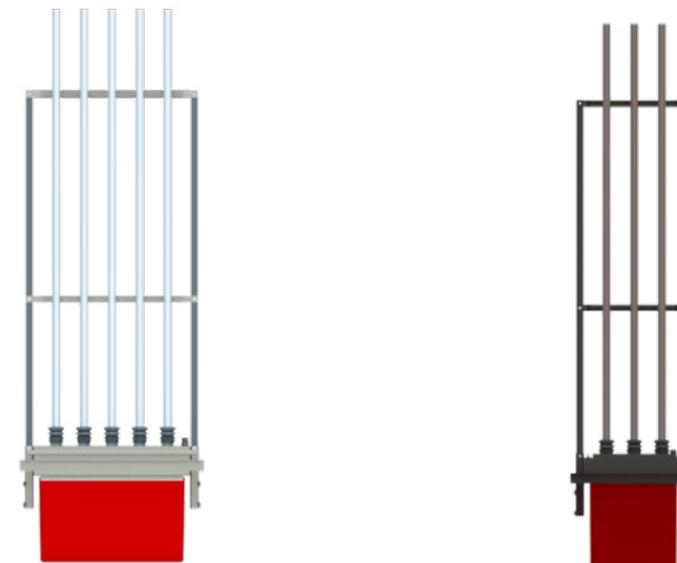
B500 Single Wall; works with integrated rack system sold separately

Part #	Description	Fitting size position 1	Fitting size position 2	Fitting size position 3	Fitting size position 4	Fitting size position 5	A	B	C
B501-S	Singlewall FRP vent / transition sump without AST fittings	NA	NA	NA	NA	NA	25.5"	20"	32"
B501-S-200	Singlewall FRP vent / transition sump with 1, 2" AST fitting	2"	NA	NA	NA	NA	25.5"	20"	32"
B501-S-220	Singlewall FRP vent / transition sump with 2, 2" AST fittings	2"	2"	NA	NA	NA	25.5"	20"	32"
B501-S-222	Singlewall FRP vent / transition sump with 3, 2" AST fittings	2"	2"	2"	NA	NA	25.5"	20"	32"
B503-S-22220	Singlewall FRP large vent / transition sump, singlewall FRP with 4, 2" AST fittings	2"	2"	2"	2"	NA	41.5"	20"	32"
B503-S-22222	Singlewall FRP large vent / transition sump, singlewall FRP with 5, 2" AST fittings	2"	2"	2"	2"	2"	41.5"	20"	32"

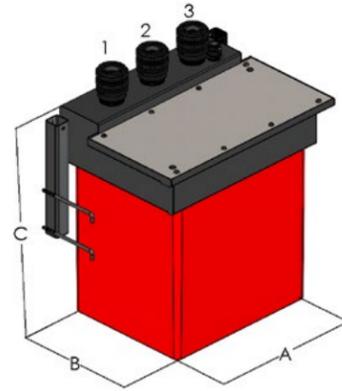
B500 Double Wall; works with integrated rack system sold separately

Part #	Description	Fitting size position 1	Fitting size position 2	Fitting size position 3	Fitting size position 4	Fitting size position 5	A	B	C
B501-D	Doublewall VPH FRP vent / transition sump without AST fittings	NA	NA	NA	NA	NA	25.5"	20"	32"
B501-D-200	Doublewall VPH FRP vent / transition sump with 1, 2" AST fitting	2"	NA	NA	NA	NA	25.5"	20"	32"
B501-D-220	Doublewall VPH FRP vent / transition sump with 2, 2" AST fittings	2"	2"	NA	NA	NA	25.5"	20"	32"
B501-D-222	Doublewall VPH FRP vent / transition sump with 3, 2" AST fittings	2"	2"	2"	NA	NA	25.5"	20"	32"
B503-D-22220	Doublewall VPH FRP large vent / transition sump with 4, 2" AST fittings	2"	2"	2"	2"	NA	41.5"	20"	32"
B503-D-22222	Doublewall VPH FRP large vent / transition sump with 5, 2" AST fittings	2"	2"	2"	2"	2"	41.5"	20"	32"

Parts and Accessories	
RS-501	Small Rack for 1, 2 or 3 vents; includes hardware.
RS-503	Large Rack for 4 or 5 vents; includes hardware.
RS-500-VRC-3S	Small Rack for 1, 2 or 3 vents; includes hardware. Heavy Duty for Veeder Root Canisters
RS-500-VRC-5L	Large Rack for 4 or 5 vents; includes hardware. Heavy Duty for Veeder Root Canisters
B500-600-VRC-ADR	Upgraded Concrete Anchoring on B500 for B600 SW or DW Sump Small or Large size for supporting Veeder CCVP. Must be ordered with VRC rack of matching size. Must be ordered with Transition Sump.
EO-EBS	Electrical offset on the vent box. For 3/4" and 1" Conduit. Factory Installed.
EBS	Rigid Electrical bulkhead w/ ES1 reducer for 1" & 3/4" conduit. Field Installed.
VFA-1	Custom option to reduce a standard 2" fitting to a 1" fitting
VFA-3	Custom option to reduce a standard 2" fitting to a 3" fitting
VFR-2	Field retrofit MNPT adapter and AST compression fitting for 2" and 1-1/2" risers.
VFR-3	Field retrofit MNPT adapter and AST compression fitting for 3" risers.
L-501	Replacement steel cover for B500 small.
L-503	Replacement steel cover for B500 large
G-501	Replacement gasket for B500 foam 1"x 1/4" gasket with adhesive tape
IF-1.0	Interstitial Monitoring Fluid - 1 gal
TEST-FIT-FRP	FRP Doublewall Test Port
K-900	Hydro-VAC filling kit for Doublewall sump. Venturi Assy & Ball Valve with 7 foot hose.
VFR-1	Field retrofit MNPT adapter and AST compression fitting for 1" and 3/4" risers
VFR-2	Field retrofit MNPT adapter and AST compression fitting for 2" and 1-1/2" risers. (Includes 1-1/2" insert.)
VFR-3	Field retrofit MNPT adapter and AST compression fitting for 3" risers
VF-O	1" Omega Flex fitting installed on a 4" nipple on the Field or Factory.
VF-P	1-1/2" Omega Flex Vent fitting installed on a 4" nipple on the Field or Factory.
VFR-3x1- Retrofit	VFR-3" to 1" Fitting Retrofit. Reduce VFR 3" Nipple for VFA 1" (Convert 2" Pipe to 1" Pipe)
Insert-2x1-1/2"	Insert for 2" & 1-1/2" pipe. For B32, BR3x2, B32-D, B-33 (also used for B-18-2-C-1-1/2G)
VFA-3x2-Retrofit	VFA-3" to 2" FITTING RETROFIT. REDUCE VFA 3" TO VFA 2" W/ FITTINGS(B-18-4-2" MUST BE ORDERED Separately)



B600 Transition Sump



B600 series walk-over single wall and double wall fiberglass vent/transition sump.

- Comes standard with positive concrete anchoring and mounting points for optional rack system
- Flush-mount bolt-down diamond plate cover for walkover applications
- Factory drainage tubes included
- 30 year corrosion warranty

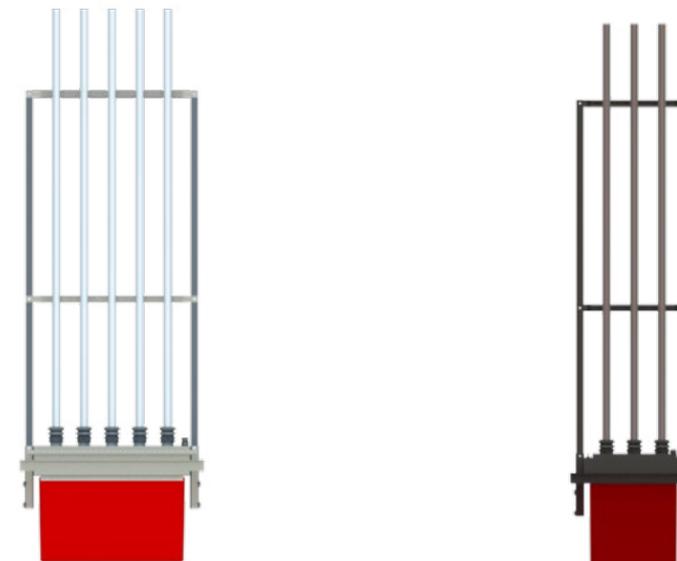
B600 Single Wall; works with integrated rack system sold separately

Part #	Description	Fitting size position 1	Fitting size position 2	Fitting size position 3	Fitting size position 4	Fitting size position 5	A	B	C
B601-S	Singlewall FRP vent / transition sump without AST fittings	NA	NA	NA	NA	NA	25.5"	20"	32"
B601-S-200	Singlewall FRP vent / transition sump with 1, 2" AST fitting	2"	NA	NA	NA	NA	25.5"	20"	32"
B601-S-220	Singlewall FRP vent / transition sump with 2, 2" AST fittings	2"	2"	NA	NA	NA	25.5"	20"	32"
B601-S-222	Singlewall FRP vent / transition sump with 3, 2" AST fittings	2"	2"	2"	NA	NA	25.5"	20"	32"
B603-S-22220	Singlewall FRP large vent / transition sump, singlewall FRP with 4, 2" AST fittings, walk-over diamond plate	2"	2"	2"	2"	NA	41.5"	20"	32"
B603-S-22222	Singlewall FRP large vent / transition sump, singlewall FRP with 5, 2" AST fittings walk-over diamond plate	2"	2"	2"	2"	2"	41.5"	20"	32"

B600 Double Wall; works with integrated rack system sold separately

Part #	Description	Fitting size position 1	Fitting size position 2	Fitting size position 3	Fitting size position 4	Fitting size position 5	A	B	C
B601-D	Doublewall VPH FRP vent / transition sump without AST fittings	NA	NA	NA	NA	NA	25.5"	20"	32"
B601-D-200	Doublewall VPH FRP vent / transition sump with 1, 2" AST fitting	2"	NA	NA	NA	NA	25.5"	20"	32"
B601-D-220	Doublewall VPH FRP vent / transition sump with 2, 2" AST fittings	2"	2"	NA	NA	NA	25.5"	20"	32"
B601-D-222	Doublewall VPH FRP vent / transition sump with 3, 2" AST fittings	2"	2"	2"	NA	NA	25.5"	20"	32"
B603-D-22220	Doublewall VPH FRP large vent / transition sump with 4, 2" AST fittings	2"	2"	2"	2"	NA	41.5"	20"	32"
B603-D-22222	Doublewall VPH FRP large vent / transition sump with 5, 2" AST fittings	2"	2"	2"	2"	2"	41.5"	20"	32"

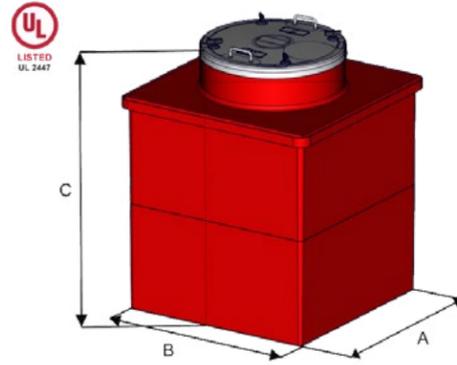
Parts and Accessories	
RS-501	Small Rack for 1, 2 or 3 vents; includes hardware.
RS-503	Large Rack for 4 or 5 vents; includes hardware.
RS-500-VRC-3S	Small Rack for 1, 2 or 3 vents; includes hardware. Heavy Duty for Veeder Root Canisters
RS-500-VRC-5L	Large Rack for 4 or 5 vents; includes hardware. Heavy Duty for Veeder Root Canisters
B500-600-VRC-ADR	Upgraded Concrete Anchoring on B500 for B600 SW or DW Sump Small or Large size for supporting Veeder CCVP. Must be ordered with VRC rack of matching size. Must be ordered with Transition Sump.
EO-EBS	Electrical offset on the vent box. For 3/4" and 1" Conduit. Factory Installed.
EBS	Rigid Electrical bulkhead w/ ES1 reducer for 1" & 3/4" conduit. Field Installed.
VFA-1	Custom option to reduce a standard 2" fitting to a 1" fitting
VFA-3	Custom option to reduce a standard 2" fitting to a 3" fitting
VFR-2	Field retrofit MNPT adapter and AST compression fitting for 2" and 1-1/2" risers.
VFR-3	Field retrofit MNPT adapter and AST compression fitting for 3" risers.
L-501	Replacement steel cover for B500 small.
L-503	Replacement steel cover for B500 large
G-501	Replacement gasket for B500 foam 1"x 1/4" gasket with adhesive tape
IF-1.0	Interstitial Monitoring Fluid - 1 gal
TEST-FIT-FRP	FRP Doublewall Test Port
K-900	Hydro-VAC filling kit for Doublewall sump. Venturi Assy & Ball Valve with 7 foot hose.
VFR-1	Field retrofit MNPT adapter and AST compression fitting for 1" and 3/4" risers
VFR-2	Field retrofit MNPT adapter and AST compression fitting for 2" and 1-1/2" risers. (Includes 1-1/2" insert.)
VFR-3	Field retrofit MNPT adapter and AST compression fitting for 3" risers
VF-O	1" Omega Flex fitting installed on a 4" nipple on the Field or Factory. 2" Clamp on fitting, Reducing bushing & threaded adapter. Requires additional lead time; additional costs may apply.
VF-P	1-1/2" Omega Flex Vent fitting installed on a 4" nipple on the Field or Factory.
VFR-3x1-Retrofit	VFR-3" to 1" Fitting Retrofit. Reduce VFR 3" Nipple for VFA 1" (Convert 2" Pipe to 1" Pipe)
Insert-2x1-1/2"	Insert for 2" & 1-1/2" pipe. For B32, BR3x2, B32-D, B-33 (also used for B-18-2-C-1-1/2G)
VFA-3x2-Retrofit	VFA-3" to 2" FITTING RETROFIT. REDUCE VFA 3" TO VFA 2" W/ FITTINGS(B-18-4-2" MUST BE ORDERED Separately)



B800 Transition Sump

Two-piece single wall and one-piece double wall fiberglass transition sumps.

- Come with a standard snap-lock watertight lid
- Single wall two-piece design allows easier interior access
- Easy slurry pour channel
- 30 year corrosion warranty
- One-piece double wall sump ships under vacuum



B800 Two-Piece Single Wall

Part #	Description	A	B	C
B833-S36-01	Two-Piece FRP Transition Sump with 32" water-tight Bravo Snap-Lock; requires (1) EP-S.75, sold separately.	33"	33"	36"
B844-S48-01	Two-Piece FRP Transition Sump with 32" water-tight Bravo Snap-Lock; requires (2) of EP-S.75, sold separately.	44"	44"	48"
B855-S60-01	Two-Piece FRP Transition Sump with 32" water-tight Bravo Snap-Lock lid; requires (2) of EP-S.75, sold separately. Over-sized item does not qualify for free freight.	57"	57"	60"

Single Wall Parts And Accessories

Part #	Description
EP-S.75	.75 gallon epoxy slurry kit; pour inside of collar attach point on Xerxes or CSI collars, item is non-returnable
EP-S1.0	1 gallon epoxy slurry kit; join top hat to base on SW; 1/two-piece sump, item is non-returnable

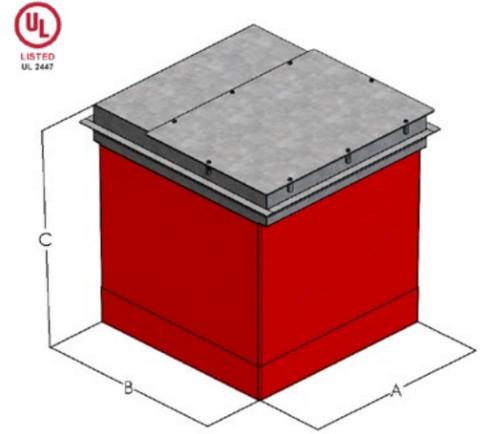
B800 One-Piece Double Wall

Part #	Description	A	B	C
B833-D36-01	Doublewall VPH FRP transition sump with 32" water-tight Bravo Snap-Lock lid, 33" W x 33" L x 36" T	33"	33"	36"
B844-D48-01	Doublewall VPH FRP transition sump with 32" water-tight Bravo Snap-Lock lid, 44" L x 44" W x 48" T	44"	44"	48"
B855-D60-01	Doublewall VPH FRP transition sump with 32" water-tight Bravo Snap-Lock lid, 57" L x 57" W x 60" T. over-sized item does not qualify for free freight	57"	57"	60"

B900 Transition Sump

Flush-mount walk-over lid single wall and double fiberglass transition sump.

- Separate AST fitting area allows opening the cover without disturbing the pipe entry fittings
- Diamond plate walk-over cover at grade for full access to interior components
- Fitting platform allows for larger piping
- Double wall ships under vacuum
- Up to 4" AST fittings
- 30 year corrosion warranty



B900 Single Wall

Part #	Description	A	B	C
B933-S36	FRP transition sump with flush-mount walk-over diamond plate lid, galvanized frame	33"	33"	36"
B944-S48	FRP transition sump with flush-mount walk-over diamond plate lid, galvanized frame	44"	44"	48"
B955-S60	FRP transition sump with flush-mount walk-over diamond plate lid, galvanized frame, over-sized item does not qualify for free freight	57"	57"	60"

B900 Double Wall

Part #	Description	A	B	C
B933-D36	Doublewall VPH FRP transition sump with flush-mount walk-over diamond plate lid, galvanized frame	33"	33"	36"
B944-D48	Doublewall VPH FRP transition sump with flush-mount walk-over diamond plate lid, galvanized frame	44"	44"	48"
B955-D60	Doublewall VPH FRP transition sump with flush-mount walk-over diamond plate lid; galvanized frame, over-sized item does not qualify for free freight	57"	57"	60"

Custom Factory Installed Compression Fittings (requires additional lead time; additional costs may apply)

Part #	Description
VF-1	Custom Factory-installed pass-through AST entry for 1' and 3/4" pipe
VF-1-1/2	Custom Factory-installed pass-through AST entry for 1-1/2" pipe
VF-2	Custom Factory-installed pass-through AST entry for 2" pipe
VF-3	Custom Factory-installed pass-through AST entry for 3" pipe
VF-4	Custom Factory-installed pass-through AST entry for 4" pipe
VF-P	1-1/2" Omega Flex Vent fitting installed on a 4" nipple on the Field or Factory.
VF-O	1" Omega Flex fitting installed on a 4" nipple on the Field or Factory. 2" Clamp on fitting, Reducing bushing & threaded adapter.
VF-Q	2" Omega Flex fitting installed on a 6" nipple on the Field or Factory. 3" Clamp on fitting, Reducing bushing & threaded adapter.

Manways

Manway Cover with Skirt

Manway Watertight with Skirt

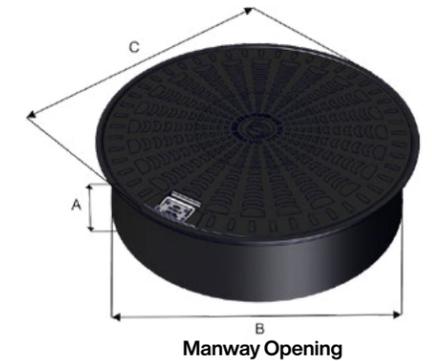
Drop-In Replacement (Cover only)



Titan I Manway

Structural all fiberglass frame with integrated flared skirt.

- Exceeds test ratings for H20 32,000 lbs, H25 40,000 lbs, EN- 125-C250 56,200 lbs EN-124-C250 (EU) and H-25 (US)
- Stainless steel handle (also a pry point) rated at 1100 lbs pull
- No corrosion with composite skirt and frame
- Non-skid surface even in wet conditions



Manway covers with composite skirt and frame; standard plain cover

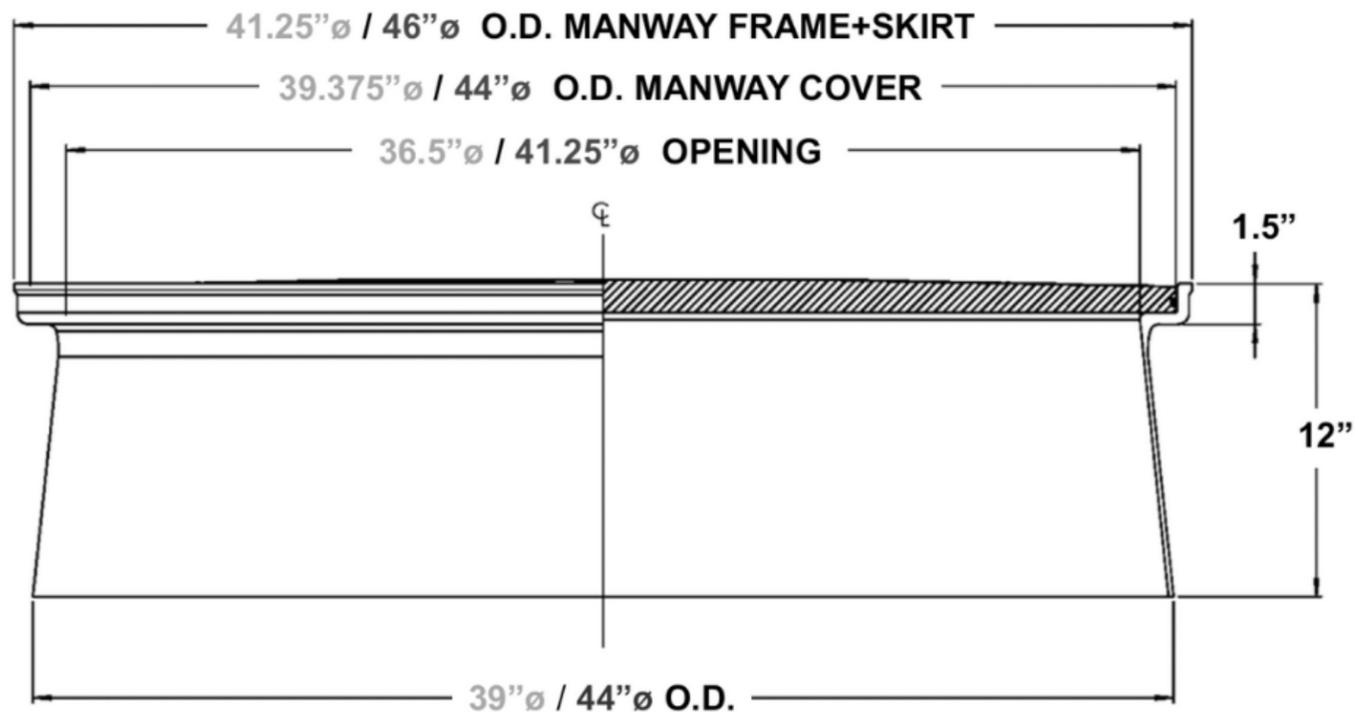
Part #	Description	A	B	C
M1PC36-12	36" Access Titan Composite Manway with 39" plain cover, skirt and frame. 12" skirt	12"	36"	39"
M1PC36-18	36" Access Titan Composite Manway with 39" plain cover, skirt and frame. 18" skirt	18"	36"	39"
M1PC42-12	42" Access Titan Composite Manway with 39" plain cover, skirt and frame. 12" skirt	12"	42"	44"
M1PC42-18	42" Access Titan Composite Manway with 39" plain cover, skirt and frame. 18" skirt	18"	42"	44"
M1PC42-24	42" Access Titan Composite Manway with 39" plain cover, skirt and frame. 24" skirt	24"	42"	44"

Watertight composite manway covers with composite skirt and frame; with o-ring seal

Part #	Description	A	B	C
M1WT36-12	36" Access Titan Composite Manway with 39" water-tight cover, skirt and frame. 12" skirt	12"	36"	39"
M1WT36-18	36" Access Titan Composite Manway with 39" water-tight cover, skirt and frame. 18" skirt	18"	36"	39"
M1WT42-12	42" Access Titan Composite Manway with 39" water-tight cover, skirt and frame. 12" skirt	12"	42"	44"
M1WT42-18	42" Access Titan Composite Manway with 39" water-tight cover, skirt and frame. 18" skirt	18"	42"	44"
M1WT42-24	42" Access Titan Composite Manway with 39" water-tight cover, skirt and frame. 24" skirt	24"	42"	44"

Manway Covers "Drop in Replacement"; Cover only, No Skirt and Frame

Part #	Description	A	B	C
M1PC39R	39" drop-in replacement cover for Bravo, Conquistador, EBW, EMCO and Flex-ing Cover	NA	39"	NA
M1PC44R	44" drop-in replacement cover for Bravo, Conquistador, EBW, EMCO and Flex-ing Cover	NA	44"	NA
M1PC39MR	39" drop-in replacement cover for Morrison wood cover	NA	39"	NA
M1PC44MR	44" drop-in replacement cover for Morrison wood cover	NA	44"	NA
M1WT39R	39" drop-in replacement water-tight cover for Bravo	NA	39"	NA
M1WT44R	44" drop-in replacement water-tight cover for Bravo	NA	44"	NA
MH-36	36" Handle, SS Screws SS MW-36 plate, SS Handle and (4) SS 1/4-20 Screws	NA	NA	NA
MH-42	44" Handle, SS Screws SS MW-42 plate, SS Handle and (4) SS 1/4-20 Screws	NA	NA	NA
OR-MW36	36" replacement O-Ring for 36" Manway lid. Includes 10cc of grease.	NA	NA	NA
OR-MW42	42" replacement O-Ring for 42" manway lid. Includes 10cc of grease.	NA	NA	NA



Cover O.D.	39.375"6 / 44"®
Load Ratings	EN-124 C250 & H-25
O-Ring Material	Buna-N
Handle Material	Stainless steel
Cover Color	Jet Black
Cover Weight	73 / 95 lbs
Cover Material	Composite FRP

Skirt O.D. (top)	41.25"ø / 46"ø
Minimum I.D.	36.25"ø / 41.25"ø
Skirt Height	12" *
Skirt Color	Jet Black
Skirt Weight	15 / 20 lbs
Skirt Material	Composite FRP

Retrofit Tank Sump Lids

Sump Lids for Fiberglass Sumps



Sump Lids for Polyethylene Sumps



Sump Lid Top Hat Kits



Sump Lids for Fiberglass Sumps



Water-tight sump lids; designed to be installed on any fiberglass sump.

- Anti-water integrated pressure/vacuum valve prevents pressure or vacuum from building
- Tested to be watertight under 5' of water
- Step-to-seal design and quarter turn locks provide easy operation
- "B" dimension fits inside ID or existing fiberglass sump reducer



Part #	Description	Kits Included	A	B
RC-32-10T-30-SL	32" Bravo Snap-Lock water-tight sump lid kit; with 30" O.D. reducer, requires T-400 (sold separately)	K-401, K-410.5	10"	30"
RC-32-10T-31-SL	32" Bravo Snap-Lock water-tight sump lid kit; with 31" O.D. reducer, requires T-400 (sold separately)	K-401, K-410.5	10"	31"
RC-32-10T-32-SL	32" Bravo Snap-Lock water-tight sump lid kit; with 32" O.D. reducer, requires T-400 (sold separately)	K-401, K-410.5	10"	32"
RC-32-10T-33-SL	32" Bravo Snap-Lock water-tight sump lid kit; with 33" O.D. reducer, requires T-400 (sold separately)	K-401, K-410.5	10"	33"
RC-32-10T-35-SL	32" Bravo Snap-Lock water-tight sump lid kit; with 35" O.D. reducer, requires T-400 (sold separately)	K-401, K-410.5	10"	35"
RC-36-10T-36-SL	36" Bravo Snap-Lock water tight sump lid kit; with 36" O.D. reducer, requires T-400 (sold separately)	K-401, K-410.5	10"	36"

Parts and Accessories	
T-400	FRP & paint roller and mixing bucket; fiberglass lamination, tool kit, including rollers
SL-32	Replacement 32" Bravo Snap-Lock Lid. Includes O-Ring
OR-32	Replacement O-Ring for 32" Snap-Lock Lid
SL-36	Replacement 36" Bravo Snap-Lock Lid. Includes O-Ring
OR-36	Replacement O-Ring for 32" Snap-Lock Lid.

Sump Lids for Polyethylene Sumps

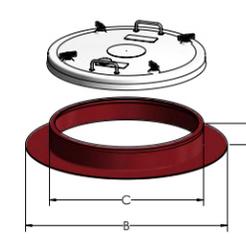


Water-tight sump lids; designed to be installed on any polyethylene sump.

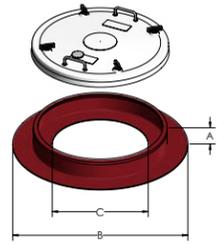
- Anti-water integrated pressure/vacuum valve prevents pressure or vacuum from building
- Tested to be watertight under 5' of water
- Step-to-seal design and quarter turn locks provide easy operation
- Flange Sits on Top of Existing Reducer



Reverse Flange (RF)



Outer Flange (OF)



Double Flange (DF)

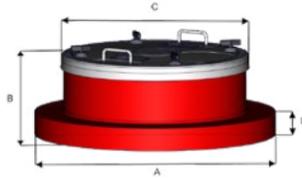
Part #	Description	Kits Included	A	B	C
RCP-DF-SL32	32" Bravo Snap-Lock water-tight sump lid kit; includes (4) EP100RF and (1) PE-210, double flange 23" x 42"	EP100RF (x4), PE-210	5.5"	42"	23"
RCP-OF-SL32	32" Bravo Snap-Lock water-tight sump lid kit; includes (4) EP100RF and (1) PE-210, outer flange 32" x 42"	EP100RF (x4), PE-210	5.5"	42"	32"
RCP-RF-SL32	32" Bravo Snap-Lock water-tight sump lid kit; includes (3) EP100RF and (1) PE-210, reverse flange 23" x 32"	EP100RF (x4), PE-210	5.5"	32"	23"

Parts and Accessories	
T-MG210	Two part manual injection gun for PE-210
SL-32	Replacement 32" Bravo Snap-Lock lid. Includes O-Ring
OR-32	Replacement O-Ring for 32" Snap-Lock lid

Sump Lid Top Hat Kit

Top hat retrofit kits for single wall fiberglass tank sumps with water-tight snap-lock lids.

- Anti-water integrated pressure/vacuum valve prevents pressure or vacuum from building
- Tested to be watertight under 5' of water
- Step-to-seal design and quarter turn locks provide easy operation
- Designed for round sump repair



Part #	Description	Kits Included	A	B	C	D
R420-14-S-01	Singlewall round top hat with 32" Bravo Snap-Lock lid for round 42" FRP riser, 14" tall, requires T-400, sold separately	K-402, K-410.5	42"	14"	32"	4"
R420-24-S-01	Singlewall round top hat with 32" Bravo Snap-Lock lid for round 42" FRP riser, 24" tall, requires T-400, sold separately	K-402, K-410.5	42"	24"	32"	14"
R420-14-S-02	Singlewall round top hat with 36" Bravo Snap-Lock lid for round 42" FRP riser, 14" tall, requires T-400, sold separately	K-402, K-410.5	42"	14"	36"	4"
R420-24-S-02	Singlewall round top hat with 36" Bravo Snap-Lock lid for round 42" FRP riser, 24" tall, requires T-400, sold separately	K-402, K-410.5	42"	24"	36"	14"
R480-14-S-01	Singlewall round top hat with 32" Bravo Snap-Lock lid for round 48" FRP riser, 14" tall, requires T-400, sold separately	K-402, K-410.5	48"	14"	32"	4"
R480-24-S-01	Singlewall round top hat with 32" Bravo Snap-Lock lid for round 48" FRP riser, 24" tall, requires T-400, sold separately	K-402, K-410.5	48"	24"	32"	14"
R480-14-S-02	Singlewall round top hat with 36" Bravo Snap-Lock lid for round 48" FRP riser, 14" tall, requires T-400, sold separately	K-402, K-410.5	48"	14"	36"	4"
R480-24-S-02	Singlewall round top hat with 36" Bravo Snap-Lock lid for round 48" FRP riser, 24" tall, requires T-400, sold separately	K-402, K-410.5	48"	24"	36"	14"

Parts and Accessories	
T-400	FRP & paint rollers and mixing bucket; fiberglass lam, tool kit, includes rollers
SL-32	Replacement 32" Bravo Snap-Lock lid. Includes O-Ring
SL-36	Replacement 36" Bravo Snap-Lock lid. Includes O-Ring
OR-SL32	Replacement O-Ring for 32" Snap-Lock lid
OR-SL36	Replacement O-Ring for 36" Snap-Lock lid

Aboveground Containment

A500 Transition



A4000 Flush Mount



A6000 Pedestal Mount



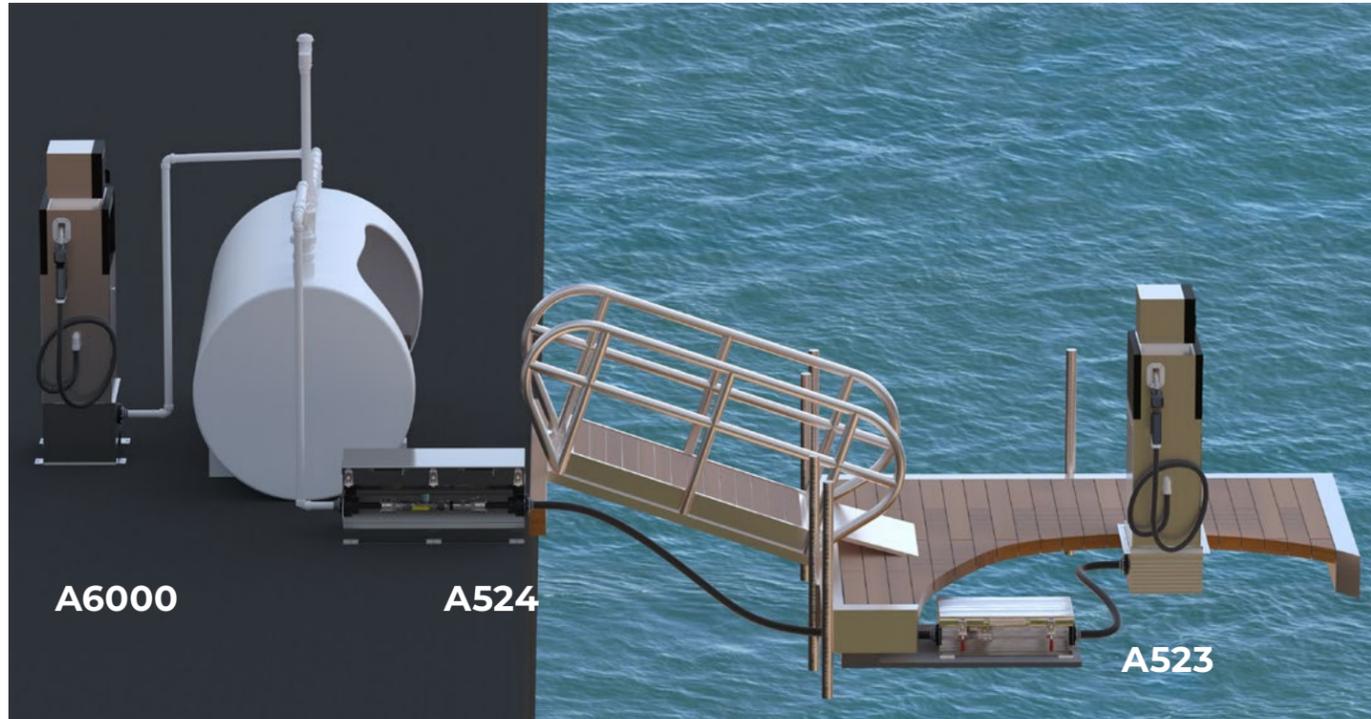
A8000 Containment



A9000 Containment



Floating Dock Display



A8000/A9000 Concept: UDC Combination Sump



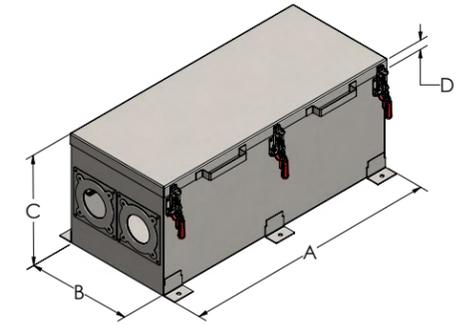
A500 Transition

A523: Dockside Camlock Box

- Watertight, stainless steel transition sump
- Designed to be installed on each dock section for seasonal and emergency disconnection of fuel lines
- MFG per PEI Marina Best Practice RP-1000

A524: Landside Breakaway Box

- Watertight, stainless steel transition sump
- Designed for landside transition from rigid pipe to marina pip. Includes mounting for breakaway and breakout panels for each pipe run
- Complies with PEI Marina Best Practice RP-1000



Above Ground Transition Sump

Part #	Description	A	B	C	D
A524-20-3-01	20" wide stainless steel above ground transition box , hinged lid with pull latches lockable, gasket seal.	48 1/2"	20"	20 1/2"	2"
A544-20-3-01	40" wide stainless steel above ground transition box , hinged lid with pull latches lockable, gasket seal.	48 1/2"	40"	20 1/2"	2"

Above Ground Transition Sump - Dock Side

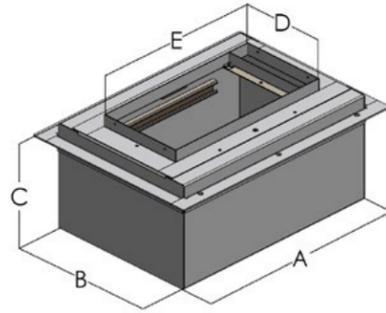
Part #	Description	A	B	C	D
A523-11-3-01	20" Wide stainless steel above ground dock side transition box. Allows for fuel disconnect/shut off.	36 1/2"	20"	11 1/2"	2"
A543-11-3-01	40" wide stainless steel above ground dock side transition box. Allows for fuel disconnect/shut off.	36 1/2"	40"	11 1/2"	2"

Above Ground Transition Sump - Breakaway Marina

Part #	Description	A	B	C	D
AB524-20-3-01	20" wide stainless steel above ground breakaway transition box, with gasketed hinged Lid. Includes breakout panels for each fuel line. Maximum of (2) 1.5" or 2" fuel lines.	48 1/2"	20"	20 1/2"	2"
AB544-20-3-01	40" wide stainless steel above ground breakaway transition box, with gasketed hinged Lid. Includes breakout panels for each fuel line. Maximum of (4) 1.5" or 2" fuel lines.	48 1/2"	40"	20 1/2"	2"

A4000 Flush Mount

- Epoxy coated galvanized steel with an option of full stainless steel
- Accommodates all types of mechanical and electric shut-down devices



Epoxy Coated Galvanized

Dispenser Model	Part #	Description	A	B	C	D	E
Wayne Reliance Select	A4210-1	Custom flush-mount above-ground dispenser sump for Reliance Select, epoxy coat galvanized steel (requires customer approval of drawings)	36"	20"	14"	14.75"	26.75"
Bennet 3000 Series	A4430-1	Custom flush-mount above-ground dispenser sump for Bennett 3000, epoxy coat galvanized steel (requires customer approval of drawings)	30"	20"	14"	12"	23"
Gasboy Atlas X (9XXXG)	A4678-1	Custom flush-mount above-ground dispenser sump for Atlas-X Series, epoxy coat galvanized steel (requires customer approval of drawings)	36"	20"	14"	14"	26.5"
Gilbarco Encore	A4380-1	Custom flush-mount above-ground dispenser sump for Gilbarco Encore, epoxy coat galvanized steel (requires customer approval of drawings)	44"	23.75"	14"	15"	36"
Wayne Ovation	A4250-1	Custom flush-mount above-ground dispenser sump for Wayne Ovation, epoxy coat galvanized steel (requires customer approval of drawings)	48"	20"	14"	14.25"	40.25"

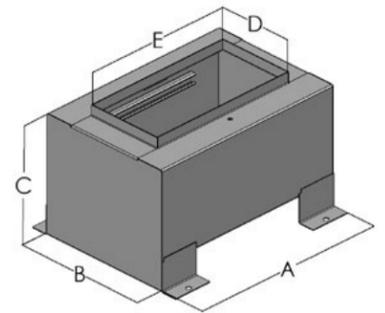
Stainless Steel

Dispenser Model	Part #	Description	A	B	C	D	E
Wayne Reliance Select	A4210-3	Custom flush-mount above-ground dispenser sump for Reliance Select, stainless steel (requires customer approval of drawings)	36"	20"	14"	14.75"	26.75"
Bennet 3000 Series	A4430-3	Custom flush-mount above-ground dispenser sump for Reliance Select, stainless steel (requires customer approval of drawings)	30"	20"	14"	12"	23"
Gasboy Atlas X (9XXXG)	A4678-3	Custom flush-mount above-ground dispenser sump for Atlas-X Series, stainless steel	36"	20"	14"	14"	26.5"
Gilbarco Encore	A4380-3	Custom flush-mount above-ground dispenser sump for Gilbarco Encore, stainless steel	44"	23.75"	14"	15"	36"
Wayne Ovation	A4250-3	Custom flush-mount above-ground dispenser sump for Wayne Ovation, stainless steel	44"	20"	14"	14.25"	40.25"

Parts and Accessories	
BK-A6000	Boss-Mount Bracket for product valves
BK-A6000-3	Boss-Mount Bracket for product valves; stainless steel
B-33-3-2-1½	Flexible 3", 2" and 1½" combination fitting; includes BR-2x1-1½" insert
EBS	Rigid electrical bulkhead, with ES1 reducer for 1" & ¾" conduit
B-17	¾", 1" galvanized conduit, single-sided flexible entry boot
BK-A6664	Boss-mount bracket for product valves EBW 664 Valve.
BK-A6052	Boss-mount bracket for product valves Gasboy and Tokheim 52 Valve.

A6000 Pedestal Mount

- Epoxy coated galvanized steel with an option of full stainless steel
- Accommodates all types of mechanical and electric shut-down devices
- Available in pre-plumb



Epoxy Coated Galvanized Steel Without Sensor Cup

Dispenser Model	Part #	Description	A	B	C	D	E
Wayne Reliance Select	A6210-1	Pedestal-mount for Reliance Select above-ground dispenser sump epoxy galvanized steel	36"	20"	14.5"	14.75"	26.75"
Bennet 3000 Series	A6430-1	Pedestal-mount for Bennett 3000 above-ground dispenser sump epoxy galvanized steel	30"	20"	14.5"	12"	23"
Gasboy Atlas X (9XXXG)	A6678-1	Pedestal-mount for Atlas-X Series AST above-ground dispenser sump epoxy galvanized steel	36"	20"	14.5"	14"	26.5"
PMC510 Meter Hose Reel	A6951-1	Pedestal-mount PMC510 above-ground dispenser sump epoxy galvanized steel	31"	31"	14.5"	23"	25.5"
PMC Commander	A6926-1	Pedestal-mount for PMC CMDR above-ground dispenser sump epoxy galvanized steel. Call Factory.	29"	20"	14.5"	12"	21.5"

Stainless Steel Without Sensor Cup

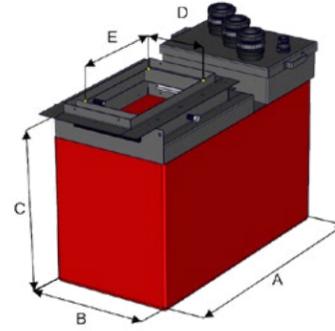
Dispenser Model	Part #	Description	A	B	C	D	E
Wayne Reliance Select	A6210-3	Pedestal-mount for Reliance Select above-ground dispenser sump epoxy galvanized steel	36"	20"	14.5"	14.75"	26.75"
Bennet 3000 Series	A6430-3	Pedestal-mount for Bennett 3000 above-ground dispenser sump epoxy galvanized steel	30"	20"	14.5"	12"	23"
Gasboy Atlas X (9XXXG)	A6678-3	Pedestal-mount for Atlas-X Series AST above-ground dispenser sump epoxy galvanized steel	36"	20"	14.5"	14"	26.5"
PMC510 Meter Hose Reel	A6951-3	Pedestal-mount PMC510 above-ground dispenser sump epoxy galvanized steel	31"	31"	14.5"	23"	25.5"
PMC Commander	A6926-3	Pedestal-mount for PMC CMDR above-ground dispenser sump epoxy galvanized steel.	29"	20"	14.5"	12"	21.5"

Parts and Accessories	
BK-A6000	Boss-Mount Bracket for product valves
BK-A6000-3	Boss-Mount Bracket for product valves; stainless steel
B-33-3-2-1½	Flexible 3", 2" and 1½" combination fitting; includes BR-2x1-1½" insert
EBS	Rigid electrical bulkhead, with ES1 reducer for 1" & ¾" conduit
B-17	¾", 1" galvanized conduit, single-sided flexible entry boot
BK-A6664	Boss-mount bracket for product valves EBW 664 Valve.
BK-A6052	Boss-mount bracket for product valves Gasboy and Tokheim 52 Valve.

A8000 Containment

Vent transition sump combines a quality fiberglass UDC with a transition sump in one compact package.

- 30 year corrosion warranty
- Ideal for AST applications where space is limited
- Allows access to both fueling points on a dispenser



A8000 Single Wall

Dispenser Model	Part #	Description	A	B	C	D	E
Gasboy Atlas X (9XXXG)	A8678-S30-11	Dispenser containment for Gasboy Atlas X with AST supply fitting, alternatively used as combination UDC / Vent Sump, 1 AST line (1-1/2" and or 2")	42"	20.5"	30.5"	14"	26.5"
Gasboy Atlas X (9XXXG)	A8678-S30-22	Dispenser containment for Gasboy Atlas with AST supply fitting, alternatively used as combination UDC / Vent Sump, 2 AST line (1-1/2" and or 2")	42"	20.5"	30.5"	14"	26.5"
Wayne Reliance	A8210-S30-11	Dispenser containment for Reliance Select with AST supply fitting, alternatively used as combination UDC / Vent Sump, 1 AST line (1-1/2" and or 2")	42"	20.5"	30.5"	15"	27.25"
Wayne Reliance Select	A8210-S30-22	Dispenser containment for Reliance Select with AST supply fitting, alternatively used as combination UDC / Vent Sump, 2 AST line (1-1/2" and or 2")	42"	20.5"	30.5"	15"	27.25"

A8000 Double Wall

Dispenser Model	Part #	Description	A	B	C	D	E
Gasboy Atlas X (9XXXG)	A8678-D30-11	Doublewall VPH Dispenser containment for Gasboy Atlas X, EAST supply fitting, alternatively used as combination UDC / Vent/Trans Sump, 1 AST line (1-1/2" and or 2")	42"	20.5"	30.5"	14"	26.5"
Gasboy Atlas X (9XXXG)	A8678-D30-22	Doublewall VPH Dispenser containment for Gasboy Atlas X, AST supply fitting, alternatively used as combination UDC / Vent/Trans Sump, 2 AST line (1-1/2" and or 2")	42"	20.5"	30.5"	14"	26.5"
Wayne Reliance	A8210-D30-11	Doublewall VPH Dispenser containment for Reliance Select, EAST supply fitting, alternatively used as combination UDC / Vent/Trans Sump, 1 AST line (1-1/2" and or 2")	42"	20.5"	30.5"	15"	27.25"
Wayne Reliance Select	A8210-D30-22	Doublewall VPH Dispenser containment for Reliance Select, AST supply fitting, alternatively used as combination UDC / Vent/Trans Sump, 2 AST line (1-1/2" and or 2")	42"	20.5"	30.5"	15"	27.25"

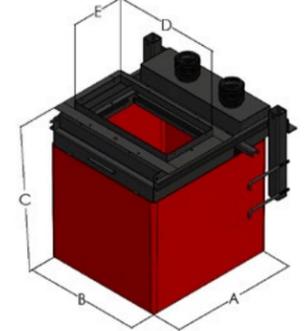
Parts and Accessories

BK-8000	Boss-Mount Bracket for B8000 & B9000 Series
BK-B2	Vapor Boss-Mount & U Bolt Mount Bracket for B8000 & B9000 Series (MC-12/20)
VF-1	Custom Factory-installed pass-through AST entry for 1" and 3/4" pipe
VF-2	Custom Factory-installed pass-through AST entry for 2" pipe
EBS	Rigid electrical bulkhead w/ES1 reducer for 1" & 3/4" conduit. Field Installed.

A9000 Containment

Vent transition sump combines a quality fiberglass UDC with a transition sump in one compact package.

- 30 year corrosion warranty
- Ideal for AST applications where space is limited
- Allows access to one fueling point on a dispenser



A9000 Single Wall

Dispenser Model	Part #	Description	A	B	C	D	E
Gasboy Atlas X (9XXXG)	A9678-S30-11	Side mount dispenser containment for Gasboy Atlas X with AST supply fitting, alternatively used as combination UDC / Vent Sump, 1 AST line (1-1/2" and or 2")	28"	25.5"	18"	26.5"	14"
Gasboy Atlas X (9XXXG)	A9678-S30-22	Side mount dispenser containment for Gasboy Atlas X with AST supply fitting, alternatively used as combination UDC / Vent Sump, 2 AST line (1-1/2" and or 2")	28"	25.5"	18"	26.5"	14"
Wayne Reliance Select	A9210-S30-11	Side mount dispenser containment for Reliance Select with AST supply fitting, alternatively used as combination UDC / Vent Sump, 1 AST line (1-1/2" and or 2")	28"	25.5"	18"	27.25"	15"
Wayne Reliance Select	A9210-S30-22	Side mount dispenser containment for Reliance Select with AST supply fitting, alternatively used as combination UDC / Vent Sump, 2 AST line (1-1/2" and or 2")	28"	25.5"	19"	27.25"	15"

A9000 Double Wall

Dispenser Model	Part #	Description	A	B	C	D	E
Gasboy Atlas X (9XXXG)	A9678-D30-11	Doublewall VPH side mount dispenser containment for Gasboy Atlas X with AST supply fitting, alternatively used as combination UDC / Vent Sump, 1 AST line (1-1/2" and or 2")	28"	25.5"	18"	26.5"	14"
Gasboy Atlas X (9XXXG)	A9678-D30-22	Doublewall VPH side mount dispenser containment for Gasboy Atlas X with AST supply fitting, alternatively used as combination UDC / Vent Sump, 2 AST line (1-1/2" and or 2")	28"	25.5"	18"	26.5"	14"
Wayne Reliance	A9210-D30-11	Doublewall VPH side mount dispenser containment for Reliance Select with AST supply fitting, alternatively used as combination UDC / Vent Sump, 1 AST line (1-1/2" and or 2")	28"	25.5"	18"	27.25"	15"
Wayne Reliance Select	A9210-D30-22	Doublewall VPH side mount dispenser containment for Reliance Select with AST supply fitting, alternatively used as combination UDC / Vent Sump, 2 AST line (1-1/2" and or 2")	28"	25.5"	19"	27.25"	15"

Parts and Accessories

BK-8000	Boss-Mount Bracket for B8000 & B9000 Series
BK-B2	Vapor Boss-Mount & U Bolt Mount Bracket for B8000 & B9000 Series (MC-12/20)
VF-1	Custom Factory-installed pass-through AST entry for 1" and 3/4" pipe
VF-2	Custom Factory-installed pass-through AST entry for 2" pipe
EBS	Rigid electrical bulkhead w/ES1 reducer for 1" & 3/4" conduit. Field Installed.

New Construction Fittings

Flange



Full Body



Flange Entry Fittings for Flat Sump Walls



Double-sided flange fiberglass pass-through entry fittings for single wall fiberglass flat sump wall.

- Quality fiberglass construction and bonded installation provides an extremely long service life compared to flexible entry fittings
- 30 year corrosion warranty
- Handles up to 5 degrees of angle
- Brings the secondary pipe into the interior of the containment sump
- Fitting includes set screws, no clamp required

Part #	Description	EP100 Epoxy Req'd	Hole Saw Size
F-07-F	3/4" galvanized conduit, double-sided pass-through for flat walls	1	2"
F-07R-F	3/4" PVC coated conduit, double-sided pass-through for flat walls	1	2"
F-10-F	1" galvanized conduit, double-sided pass-through for flat walls	1	2"
F-10R-F	1" PVC coated conduit, double-sided pass-through for flat walls	1	2"
F-20-F	2" SW FRP pipe, double-sided pass-through for flat walls	1	3"
F-30-F	3" SW FRP pipe, double-sided pass-through for flat walls	2	4"
F-40-F	4" SW FRP pipe, double-sided pass-through for flat walls	2	5"
F-60-F	6" SW FRP pipe, double-sided pass-through for flat walls	4	8"
F-20L-F	2" LCX pipe, double-sided pass-through for flat walls	1	3"
F-30L-F	3" LCX pipe, double-sided pass-through for flat walls	2	4"
F-40L-F	4" LCX pipe, double-sided pass-through for flat walls	2	5"

Flange Entry Fittings For Round Sump Walls



Double-sided flange fiberglass pass-through entry fittings for single wall fiberglass round sump wall.

- Quality fiberglass construction and bonded installation provides an extremely long service life compared to flexible entry fittings
- 30 year corrosion warranty
- Handles up to 5 degrees of angle
- Clamps needed, see table below for details

Part #	Description	EP100 Epoxy Req'd	Hole Saw Size
F-07-R	3/4" galvanized conduit, double-sided pass-through for round walls	1	2"
F-07R-R	3/4" PVC coated conduit, double-sided pass-through for round walls	1	2"
F-10-R	1" galvanized conduit, double-sided pass-through for round walls	1	2"
F-10R-R	1" PVC coated conduit, double-sided pass-through for round walls	1	2"
F-20-R	2" Single Wall fiberglass pipe, double-sided pass-through for round walls	1	3"
F-30-R	3" Single Wall fiberglass pipe, double-sided pass-through for round walls	2	4"
F-40-R	4" Single Wall fiberglass pipe, double-sided pass-through for round walls	2	5"
F-60-R	6" Single Wall fiberglass pipe, double-sided pass-through for round walls	4	8"
F-20L-R	2" LCX fiberglass pipe, double-sided pass-through for round walls	1	3"
F-30L-R	3" LCX fiberglass pipe, double-sided pass-through for round walls	2	4"
F-40L-R	4" LCX fiberglass pipe, double-sided pass-through for round walls	2	5"

Parts and Accessories	
T-FC-20	One pair of clamps for 2" FRP and 2" LCX fittings - Round FF series
T-FC-30	One pair of clamps for 3" FRP and 3" LCX fittings-Round FF Series
T-FC-40	One Pair of Clamps for 4" FRP and 4" LCX fittings - Round FF Series
EP100	Bravo Epoxy (6oz Epoxy 1oz Catalyst)

Full Body Entry Fitting For Flat Sump Walls



Termination entry fitting which terminates secondary pipe at the exterior of the containment sump.

- Dual integrated test ports that can be used for testing, drainage to a sensor, or VPH constant monitoring
- Quality fiberglass construction and bonded installation provides an extremely long service life compared to flexible entry fittings
- Available for single wall and double wall sumps
- 30 year corrosion warranty

F Series Full-Body Flat Sump Wall

Part #	Description	EP100 Epoxy Req'd	Hole Saw Size
F-07S-0-F	3/4" galvanized conduit, threaded full-body with dual injection ports flat walls.	2	2 3/4"
F-07RS-0-F	3/4" PVC coated conduit, threaded full-body with dual injection ports for flat walls.	2	2 3/4"
F-07S-0-DF	3/4" galvanized conduit, threaded doublewall full-body with dual injection ports flat walls.	2	2 3/4"
F-07RS-0-DF	3/4" PVC coated conduit, threaded full-body with dual injection ports.	2	2 3/4"
F-10S-0-F	1" galvanized conduit, threaded full-body with dual injection ports.	2	2 3/4"
F-10RS-0-F	1" PVC coated conduit, threaded full-body with dual injection ports.	2	2 3/4"
F-10S-0-DF	1" galvanized conduit, threaded doublewall full-body fitting, dual inspection ports and tertiary boot seal, flat wall.	2	2 3/4"
F-10RS-0-DF	1" PVC conduit, threaded doublewall full-body fitting, dual inspection ports and tertiary boot seal, flat wall.	2	2 3/4"
F-07-GR	3/4" brass grounding rod, full-body with brass conductor and clamps	2	2 3/4"
F-32S-T-F	3x2" FRP, threaded full-body taper by slip; dual test ports and single injection port, flat walls.	2	4 1/2"
F-32SL-T-F	2" LCX, threaded full-body taper by slip; dual test ports and single injection port, with o-rings, flat walls. Includes 4" x 2" LCX reducer loose.	3	4 1/2"
F-32C-T-F	3X2" Threaded Full Body Termination, 2" Coupling, Dual test ports, tapered primary and secondary connection, Flat walls.	2	4 1/2"
F-32CL-T-F	3X2" Threaded Full Body Termination, 2" Coupling, Dual test ports, tapered primary connection, Flat Wall. Includes 4" x 2" LCX reducer loose.	3	4 1/2"
F-43S-T-F	4x3" FRP, full-body taper by slip; dual test ports and single injection port, flat walls. Clamp Req'd.	2	5 1/2"
F-64S-T-F	6x4" FRP, full-body taper by slip; dual test ports and single injection port, flat walls. Clamp Included.	3	8"
F-32A-T-F	3x2" FRP, adjustable full-body taper by slip; dual test ports and single injection port. Clamp Req'd.	3	4 1/2"
F-43A-T-F	4x3" FRP, adjustable full-body taper by slip; dual test ports and single injection port, flat walls. Clamp Req'd.	3	5 1/2"

UF Series, Universal Fitting Full-Body

Pipe Type	Part #	Description	EP100RF Req'd
3x2 FRP and 2" LCX	F-32U-T-F	3x2" FRP, 2" LCX, Threaded, universal full-body termination for size-over-size and LCX pipe; dual test ports, flat walls.	2
4x3" FRP and 3" LCX	F-43U-T-F	4x3" FRP, 3" LCX, Threaded, universal full-body termination for size-over-size and LCX pipe; dual test ports, flat walls.	2

Parts and Accessories	
T-FS-C40	One tripod compression clamp for full body 2", 3" & 4" product fittings
PS-400	Polysulfide adhesive 400ml (12 oz.) dual cartridge with 3 stator mixing tips required man-gun. (1) can do (10) fittings
T-MG400	Manual caulk gun for PS-400
EP100	Bravo Epoxy (6oz Epoxy 1oz Catalyst)

Full Body Entry Fitting For Round Sump Walls



Termination entry fitting which terminates secondary pipe at the exterior of the containment sump.

- Dual integrated test ports that can be used for testing, drainage to a sensor, or VPH constant monitoring
- Quality fiberglass construction and bonded installation provides an extremely long service life compared to flexible entry fittings
- Available for single wall and double wall sumps
- 30 year corrosion warranty

F Series Full-Body Round Sump Wall

Part #	Description	EP100 Epoxy Req'd	Hole Saw Size
F-07S-0-R	3/4" galvanized conduit for round walls, full-body with dual injection ports for round, clamp req'd	2	2 3/4"
F-07RS-0-R	3/4" PVC coated conduit, full-body with dual injection ports for round walls, clamp req'd	2	2 3/4"
F-07S-0-DR	3/4" galvanized conduit, doublewall, full-body, dual injection ports and tertiary boot seal, round wall, FRP, clamps req'd	2	2 3/4"
F-07RS-0-DR	3/4" PVC coated conduit, doublewall, full-body, dual injection ports and tertiary boot seal, round wall, FRP, clamps req'd	2	2 3/4"
F-10S-0-R	1" PVC coated conduit, full-body with dual injection ports, clamps req'd	2	2 3/4"
F-10S-0-DR	1" galvanized conduit, DW full-body, dual injection ports & tertiary boot seal, round wall FRP, clamp req'd	2	2 3/4"
F-10RS-0-R	1" PVC coated conduit, full-body with dual injection ports for round walls, clamp req'd	2	2 3/4"
F-10S-0-DR	1" galvanized conduit, DW full-body, dual injection ports & tertiary boot seal, round wall FRP, clamp req'd	2	2 3/4"
F-10RS-0-DR	1" PVC coated conduit, doublewall full-body with dual injection ports and tertiary boot seal, Round walls, clamp req'd	2	2 3/4"
F-07-GR-R	3/4" brass grounding rod for round walls, full-body with brass conductor and clamps	2	2 3/4"
F-32S-T-R	3x2" FRP, full-body taper by slip; dual test ports and single injection port for round walls	2	4 1/2"
F-43S-T-R	4x3" FRP, full-body taper by slip; dual test ports and single injection port for round walls, clamp req'd	3	5 1/2"
F-64S-T-R	6x4" FRP, full-body taper by slip; dual test ports and single injection port for round walls, clamp req'd	3	8"
F-32A-T-R	3x2" FRP, adjustable full-body taper by slip; dual test ports and single injection port for round walls. clamp req'd	3	4 1/2"
F-43A-T-R	4x3" FRP, adjustable full-body taper by slip; dual test ports and single injection port for round walls, clamp req'd	3	5 1/2"

Parts and Accessories

T-FS-C10	One 3 bolt in-line compression clamp for F-Series conduit fittings
T-FS-C40	One tripod compression for full body 2", 3" and 4" product
EP100	Bravo Epoxy (6oz Epoxy 1oz Catalyst)

Full Body Omegaflex



- Quality fiberglass construction and bonded installation provides an extremely long service life compared to flexible entry fittings
- 30 year corrosion warranty
- Nylon adheres bond to flex pipe

Single Wall - (No clamp required, uses Acme thread)

Part #	Description	EP100 Epoxy Req'd	NY-260
F-10-OFLX-CR3.5	OmegaFlex 1" Doubletrac, threaded pass-through 3.5" centering ring	1	2 oz nylon/injection
F-15-OFLX-CR5	OmegaFlex 1-1/2" Doubletrac, threaded pass-through 4.5" centering ring	2	2 oz nylon/injection
F-20-OFLX-CR5	OmegaFlex 2" Doubletrac, threaded pass-through 5.5" centering ring	2	2 oz nylon/injection

Double Wall - (No clamp required, uses Acme thread)

Part #	Description	EP100 Epoxy Req'd	NY-260	PS-400 Tertiary Boot Seal
F-10-OFLX-D-CR3.5	OmegaFlex 1" Doubletrac, threaded for doublewall, pass-through 3.5" centering ring, adhesives req'd	1	2 oz nylon/injection	30ml
F-15-OFLX-D-CR5	OmegaFlex 1-1/2" Doubletrac, threaded pass-through 4.5" centering ring, adhesives req'd	2	2 oz nylon/injection	30ml
F-20-OFLX-D-CR5	OmegaFlex 1-1/2" doubletrac, threaded for doublewall, pass-through 5.5" centering ring, adhesives req'd	2	2 oz nylon/injection	30ml

Retrofit Fittings

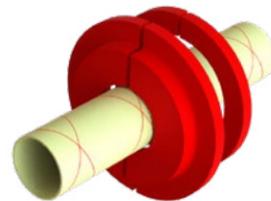
NEXT Series



RLX Series



S Series



Double-Sided Series



NEXT Series

First and only serviceable retrofit fittings and made from rigid composite materials.

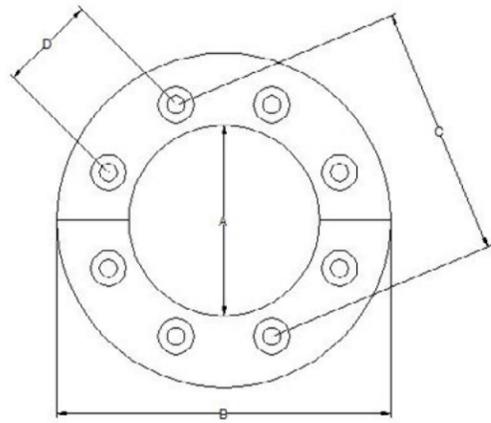
- Installs quickly and easily like traditional boots but with a longer service life provided by rigid materials
- No adhesives, no gluing, no waiting for cure times
- Handles up to 20° angles
- Installs in all weather conditions



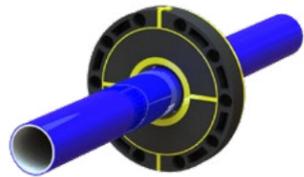
Rigid Conduit

Pipe Type	Part #	Description	PS-290 Req'd
3/4" GRC	NXT-RF-07-04B0-F	NEXT Series Retrofit, 3/4" galv conduit, 4 bolt, standard (2 1/4"), flat wall	35ml
3/4" GRC	NXT-RF-07-04BL-F	NEXT Series Retrofit, 3/4" galv conduit, 4 bolt, large (2 1/2"), flat wall	35ml
3/4" GRC	NXT-RF-07-04BS-F	NEXT Series Retrofit, 3/4" galv conduit, 4 bolt, small (1 3/4"), flat wall	35ml
3/4" ROB ROY	NXT-RF-07R-04B0-F	NEXT Series Retrofit 3/4" PVC coated conduit, 4 bolt, standard (2 1/4"), flat wall	35ml
3/4" ROB ROY	NXT-RF-07R-04BL-F	NEXT Series Retrofit 3/4" PVC coated conduit, 4 bolt, large (2 1/2"), flat wall	70ml
3/4" ROB ROY	NXT-RF-07R-04BS-F	NEXT Series Retrofit 3/4" PVC coated conduit, 4 bolt, small (1 3/4"), flat wall	35ml
1" GRC	NXT-RF-10-04B0-F	NEXT Series Retrofit, 1" galv conduit, 4 bolt, standard (2 1/4"), flat wall	35ml
1" GRC	NXT-RF-10-04BL-F	NEXT Series Retrofit, 1" galv conduit, 4 bolt, large (2 1/2"), flat wall	35ml
1" GRC	NXT-RF-10-04BS-F	NEXT Series Retrofit, 1" galv conduit, 4 bolt, small (1 3/4"), flat wall	35ml
1" ROB ROY	NXT-RF-10R-04B0-F	NEXT Series Retrofit 1" PVC coated conduit, 4 bolt, standard (2 1/4"), flat wall	35ml
1" ROB ROY	NXT-RF-10R-04BL-F	NEXT Series Retrofit 1" PVC coated conduit, 4 bolt, large (2 1/2"), flat wall	70ml
1" ROB ROY	NXT-RF-10R-04BS-F	NEXT Series Retrofit 1" PVC coated conduit, 4 bolt, small (1 3/4"), flat wall	35ml

NEXT Retrofit Series Fitting Bolt Spacing



Bolted Fittings		Bolt Spacing	
Fitting	Size	Center to Hole Spacing (C)	Stud to Stud
4 Bolt BS	Small	2 1/2"	1 3/4"
4 Bolt BO	Standard	3 1/4"	2 5/16"
4 Bolt BL	Large	3 1/2"	2 15/32"
8 Bolt BS	Small	4 1/2"	1 3/4"
8 Bolt BO	Standard	5 1/4"	2"
10 Bolt BS	Small	5 13/16"	1 13/16"
10 Bolt BO	Standard	2 1/16"	2 1/16"



Flexible/fiberglass piping; center pre-drilled

Pipe Type	Part #	Description	PS-290 Req'd
1.5" FLEX APT XP	NXT-RF-2.0A-08B0-F-C	NEXT Series Retrofit 1.5" APT XP flex-pipe, 8 bolt, standard (2"), flat wall, center pre-drilled	60ml
1.5" FLEX APT XP	NXT-RF-2.0A-10B0-F-C	NEXT Series Retrofit 1.5" APT XP flex-pipe, 10 bolt, standard (2 1/16"), flat wall, center pre-drilled	60ml
1.5" FLEX ENV/OPW	NXT-RF-2.0E-08B0-F-C	NEXT Series Retrofit 1.5" Environ & OPW flex-pipe, 8 bolt, standard (2"), flat wall, center pre-drilled	60ml
1.5" FLEX ENV/OPW	NXT-RF-2.0E-10B0-F-C	NEXT Series Retrofit 1.5" Environ & OPW flex-pipe, 10 bolt, standard (2 1/16"), flat wall, center pre-drilled	60ml
1.75" FLEX APT XP	NXT-RF-2.2A-08B0-F-C	NEXT Series Retrofit 1.75" APT XP flex-pipe, 8 bolt, standard (2"), flat wall, center pre-drilled	60ml
1.75" FLEX APT XP	NXT-RF-2.2A-10B0-F-C	NEXT Series Retrofit 1.75" APT XP flex-pipe, 10 bolt, standard (2 1/16"), flat wall, center pre-drilled	60ml
2" FLEX ENV/OPW	NXT-RF-2.5E-08B0-F-C	NEXT Series Retrofit 2" Environ & OPW flex-pipe, 8 bolt, standard (2"), flat wall, center pre-drilled	60ml
2" FLEX ENV/OPW	NXT-RF-2.5E-10B0-F-C	NEXT Series Retrofit 2" Environ & OPW flex-pipe, 10 bolt, standard (2 1/16"), flat wall, center pre-drilled	60ml
2" FRP LCX	NXT-RF-20L-08B0-F-C	NEXT Series Retrofit 2" FRP LCX pipe, 8 bolt, standard (2"), flat wall, center pre-drilled	50ml
2" FRP LCX	NXT-RF-20L-10B0-F-C	NEXT Series Retrofit 2" FRP LCX pipe, 10 bolt, standard (2 1/16"), flat wall, center pre-drilled	50ml
3" FRP	NXT-RF-30-10B0-F-C	NEXT Series Retrofit 3" FRP pipe, 10 bolt, standard (2 1/16"), flat wall, center pre-drilled	50ml

Flexible/fiberglass piping; field modified

Pipe Type	Part #	Description	PS-290 Req'd
1.5" FLEX APT XP	NXT-RF-2.0A-08B0-F	NEXT Series Retrofit 1.5" APT XP flex pipe, 8 bolt, standard (2"), flat wall,	60ml
1.5" FLEX APT XP	NXT-RF-2.0A-10B0-F	NEXT Series Retrofit 1.5" APT XP flex-pipe, 10 bolt, standard (2 1/16"), flat wall,	60ml
1.5" FLEX ENV/OPW	NXT-RF-2.0E-08B0-F	NEXT Series Retrofit 1.5" Environ & OPW Flexworks/Pisces, 8 bolt, standard (2"), flat wall,	60ml
1.5" FLEX ENV/OPW	NXT-RF-2.0E-08BS-F	NEXT Series Retrofit 1.5" Environ, OPW-pipe. 8 bolt, small (1 3/8"), flat wall,	60ml
1.5" FLEX ENV/OPW	NXT-RF-2.0E-10B0-F	NEXT Series Retrofit 1.5" Environ & OPW Flexworks/Pisces, 10 bolt, standard (2 1/16") flat wall	60ml
1.75" FLEX APT XP	NXT-RF-2.2A-08B0-F	NEXT Series Retrofit 1.75" APT XP flex-pipe, 8 bolt, standard (2"), flat wall,	60ml
1.75" FLEX APT XP	NXT-RF-2.2A-10B0-F	NEXT Series Retrofit 1.75" APT XP flex-pipe, 10 bolt, standard (2 1/16"), flat wall,	60ml
2" FLEX ENV/OPW	NXT-RF-2.5E-08B0-F	NEXT Series Retrofit 2" Environ & OPW Flexworks, 8 bolt, standard (2"), flat wall,	60ml
2" FLEX ENV/OPW	NXT-RF-2.5E-08BS-F	NEXT Series Retrofit 2" Environ & OPW flex-pipe, 8 bolt, small (1 3/8"), flat wall,	60ml
2" FLEX ENV/OPW	NXT-RF-2.5E-10B0-F	NEXT Series Retrofit 2" Environ & OPW Flexworks, 10 bolt, standard (2 1/16"), flat wall	60ml
2" FRP LCX	NXT-RF-20L-10B0-F	NEXT Series Retrofit 2" LCX pipe, 10 bolt, standard (2 1/16"), flat wall	50ml
3" FRP	NXT-RF-30-08B0-F	NEXT Series Retrofit 3" FRP pipe, 8 bolt, standard (2"), flat wall,	50ml
3" FRP	NXT-RF-30-10B0-F	NEXT Series Retrofit 3" FRP pipe, 10 bolt, standard (2 1/16"), flat wall,	50ml
4" FRP	NXT-RF-40-10B0-F	NEXT Series Retrofit 4" FRP pipe, 10 bolt, standard (2 1/16"), flat wall,	50ml

Total Containment Threaded Fitting

Part #	Description
RF-TCI-CT-NXT-8B0	TCI Course Thread split retrofit base with 8 bolt Standard, NXT-RF-xx-8B0 fitting
NXT-RF-TCI-FT-08B0	TCI Fine Thread split retrofit base with 8 bolt Standard, NXT-RF-xx-8B0 fitting
RF-TCI-CT-CUFF	Split FRP thread on fitting for TCI coarse thread. Bulkhead with 4.5 cuff. Adhesive REQ'D. Rubber boot to seal not included**

Parts and Accessories	
PS-290	Polyurethane Sealant 290 ML
NXT-BMT	BOLTED MEASURING TOOL for NXT FITTINGS (Stud Checker)
NXT-C	Next clamp
NXT-SE-10	Next Stud Extender (for Short Studs)10 Pack
NXT-FN-25	Flange Nut 1/4-20 25 pack
NXT-TK-B	NEXT Tool Kit for Bolted Fittings Installation includes drilling jigs, assorted installation tools & bolt pattern finder
NXT-08B0-RW-5	NEXT Series 8 bolt standard round wall gasket (5 Pack)
NXT-08BS-RW-5	NEXT Series 8 bolt small round wall gasket (5 Pack)
NXT-10B0-RW-5	NEXT Series 10 bolt standard round wall gasket (5 Pack)

RLX Series



Direct replacement studded FRP retrofit entry fitting

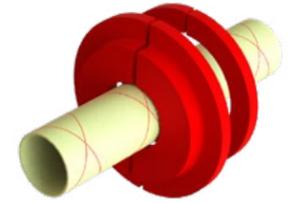
- For poly or FRP flat-sided sumps
- Rigid and flexible piping models

Part #	Description	EP100RF Req'd	PE-210 or NY-260 REQ'D	Flange diameter
RLX-2.0-01-U	1.5" coaxial flex pipe, split, round or flat sump wall	2	50ml	7"
RLX-2.2-01-U	1.75" APT pipe, split, round or flat sump wall	2	50ml	7"
RLX-2.5-01-U	2" coaxial flex pipe, split, round or flat sump wall	2	65ml	7"
RLX-2.7-01-U	2" APT pipe, split, round or flat sump wall	2	65ml	7"
RLX-2.0-02-U	1.5" coaxial flex pipe, split, round or flat sump wall	2	50ml	9"
RLX-2.2-02-U	1.75" APT pipe, split, round or flat sump wall	2	50ml	9"
RLX-2.5-02-U	2" coaxial flex pipe, split, round or flat sump wall	2	65ml	9"
RLX-2.7-02-U	2" APT pipe, split, round or flat sump wall	2	65ml	9"
RLX-50-01-U	50mm O.D pipe, split, round or flat sump wall	2	50ml	7"
RLX-63-01-U	63mm O.D pipe, split, round or flat sump wall	2	65ml	7"
RLX-75-01-U	70mm O.D pipe, split, round or flat sump wall	2	65ml	7"
RLX-90-01-U	90mm O.D pipe, split, round or flat sump wall	2	85ml	7"
RLX-63-02-U	63mm O.D pipe, split, round or flat sump wall	2	65ml	9"
RLX-75-02-U	75mm O.D pipe, split, round or flat sump wall	2	65ml	9"
RLX-90-02-U	90mm O.D pipe, split, round or flat sump wall	2	85ml	9"

Parts and Accessories

EP100RF	7 oz. can Bravo retrofit epoxy
PE-210	2-part 210 ml (7 oz.) polyethylene adhesive cartridge for bonding fiberglass to polyethylene
NY-260	Nylon adhesive kit 260ml (9 oz.) for bonding nylon to fiberglass.
T-MG210	Two part manual injection gun for PE-210

S Series Entry Fitting for Single Wall Sumps



Used for internal, one-sided repairs to eliminate continuous leak points.

- Split design doesn't require excavation or disconnecting pipe
- Accommodates extreme angles
- 30 year corrosion warranty
- For round and flat sumps

Part #	Description	RF Epoxy Req'd Qty	Flange Diameter
RF-05-01-U	1/2" conduit split, round or flat sump wall	1	5"
RF-07-01-U	3/4" conduit split, round or flat sump wall	1	5"
RF-10-01-U	1" conduit split, round or flat sump wall	1	5"
RF-05-02-U	1/2" conduit 7" flange split, round or flat sump wall	1	7"
RF-07-02-U	3/4" conduit 7" flange, split, round or flat sump wall	1	7"
RF-10-02-U	1" conduit 7" flange, split, round or flat sump wall	1	7"
RF-20-01-U	2" fiberglass 7" flange, split, round or flat sump wall	2	7"
RF-30-01-U	3" fiberglass 7" flange, split, round or flat sump wall	2	7"
RF-40-01-U	4" fiberglass 8" flange, split, round or flat sump wall,	2	8"
RF-60-01-U	6" fiberglass 11" flange, split, round or flat sump wall	4	11"
RF-20-02-U	2" fiberglass 9" flange, split, round or flat sump wall	2	9"
RF-30-02-U	3" fiberglass 9" flange, split, round or flat sump wall	2	9"
RF-20L-01-U	2" LCX 7" flange, split, round or flat sump wall	2	7"
RF-30L-01-U	3" LCX - 7" flange, split, round or flat sump wall	2	7"
RF-40L-01-U	4" LCX 8" flange, split, round or flat sump	2	8"
RF-20L-02-U	2" LCX pipe on flat or round wall singlewall FRP sump	2	9"
RF-30L-02-U	3" LCX 9" flange split, round or flat sump wall	2	9"

Double-Sided Series Entry Fitting for Double Wall Sumps



Used for double-sided repairs to eliminate continuous leak point.

- Repairs both interior and exterior leaks with excavation
- Split design doesn't require disconnecting pipe
- 30 year corrosion warranty
- AB2481 compliant

For Flat Sump Walls

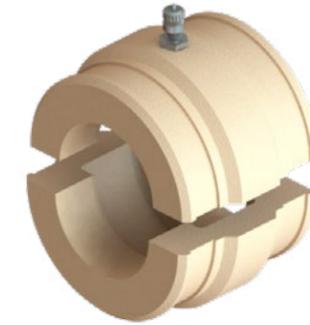
Part #	Description	Epoxy Req'd Qty	Flange Diameter
RF-05-03-F	1/2" conduit, double-sided split for flat doublewall sumps, flat walls	2	7"
RF-07-03-F	3/4" conduit, double-sided split for flat doublewall sumps, flat walls	2	7"
RF-10-03-F	1" conduit, double-sided split for flat doublewall sumps	2	7"
RF-20-03-F	2" FRP double-sided split for flat doublewall sumps	2	9"
RF-30-03-F	3" FRP double-sided split for flat doublewall sumps	4	9"
RF-40-03-F	4" FRP double-sided split for flat doublewall sumps	4	9"
RF-20L-03-F	2" LCX FRP double-sided split for flat doublewall sumps	4	9"
RF-30L-03-F	3" LCX double-sided split for flat doublewall sumps	4	9"

For Round Sump Walls

Part #	Description	Epoxy Req'd Qty	Flange Diameter
RF-05-03-R	1/2" conduit, double-sided split for round doublewall sumps	2	7"
RF-07-03-R	3/4" conduit, double-sided split for round doublewall sumps	2	7"
RF-10-03-R	1" conduit, double-sided split for round doublewall sumps	2	7"
RF-20-03-R	2" FRP double-sided split for round doublewall sumps	2	9"
RF-30-03-R	3" FRP double-sided split for round doublewall sumps	4	9"
RF-40-03-R	4" FRP double-sided split for round doublewall sumps	4	9"
RF-20L-03-R	2" LCX FRP double-sided split for round doublewall sumps	4	9"
RF-30L-03-R	3" LCX double-sided split for round doublewall sumps	4	9"

Reducers

Clamshell



Clamshell

Used in both new construction and retrofit scenarios, with both concentric and offset versions available.

- Replacements for rubber test boots in deteriorated condition
- Integrated test port for drainage and constant vacuum monitoring
- Split configuration doesn't require disconnecting pipe



Part #	Description
FR-3x2-T	3" over 2" FRP Smith or Ameron, split reducer; concentric with 1 test port
FR-4x3-T	4" over 3" FRP Smith or Ameron, split reducer; concentric with 1 test port
FR-3X2-OS-T	3" over 2" FRP Smith or Ameron; split reducer; offset with 2 test port
FR-4x3-OS-T	4" over 3" FRP Smith or Ameron; split reducer; offset with 2 test ports
FR-2LCX-T	2" Ameron LCX, split reducer with 1 test port
FR-3LCX-T	3" Ameron LCX split reducer with 1 test port

Accessories

Adhesives

Lamination And Paste Kits

Slurry Kits

Water-Blocking Foam

Tools

Sensor Holders

Riser Adaptors

Manometers

Brackets

Installation Clamps

Pipe Offset

Conversion Frame Accessories

Flexible Entry Boot

Replacement Transition Sump Covers

B2000 Accessories

Compression Fittings For Transition Sumps

Rack System

Replacement Gaskets

Replacement Rings

NEXT Series Replacement Parts

Accessories

Adhesives

Part #	Description
BS-01	Bostik sealant
PS-290	Polyurethane adhesive, 290mg.
EP100	Bravo 7 oz. standard epoxy kit; use with FRP, steel, PVC, and PVDF
EP100RF	Bravo 7 oz. retrofit epoxy kit; use with FRP, steel, PVC, and PVDF
NY-260	Nylon adhesive kit 260ml (9 oz.) for bonding nylon to fiberglass
PS-400	Polysulfide adhesive 400ml (12 oz.) dual cartridge with 3 stator mixing tips required man- gun T-MG400
T-MG400	Manual caulk gun for PS-400
PE-210	2-part 210 ml (7 oz.) polyethylene adhesive cartridge for bonding fiberglass to polyethylene
T-MG210	Two part manual injection gun for PE-210

Lamination and paste kits

Part #	Description
K-401	Fiberglass laminating kit for 1 interior and exterior joint 1 gallon, 45' FRP mat
K-402	Fiberglass laminating kit for 1 interior and exterior joint 2 gallon, 90' FRP mat
K-410	Paste kit for interior and exterior joint, smooth transitions, 1 gallon
K-410.5	Paste kit for interior and exterior joint, smooth transitions, 1/2 gallon

Slurry kits

Part #	Description
EP-S1.0	Epoxy slurry to join Bravo base and top for singlewall application, 1 gallon
EP-S.75	Epoxy slurry to join Bravo base and top for singlewall application, .75 gallon
EPC-S1.0	1 gal EPC- epoxy slurry kit; 3 kits required per joint; join top hat to base on DW sump (must use with backerrod)



K-401

Accessories

Water-blocking foam and dispensing gun

Part #	Description
WB-01	Water block 20 X expanding foam single cartridge
WB-20	Water block 20 X expanding foam case of 20 cartridge
WB-G	Water block dispensing gun

Tool and kits

Part #	Description
K-900	Hydro-VAC filling kit for doublewall sump
T-3R	3" chamfer roller
T-400	Basic laminating tool kit; rollers, chamfer roller and mixing bucket
T-6R	6" chamfer roller
T-GB	Latex grout bag used with doublewall pour channel
T-MG400	Manual caulk gun for PE-250 and PS-400
T-TCI	TCI retrofit tightening tool
T-TCI VP	TCI vapor penetration tool
T-TCI-C	UB 2000 TCI retrofit tightening tool
T-WR3	Wrench for B-18 compression nut- 1/2" socket



Manual caulk gun



T-WR3

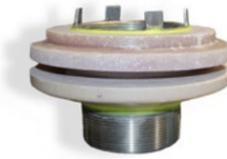
Sensor holders

Part #	Description
SH-UDC	UDC sensor holder kit
SH-TS	Tank sump sensor holder kit
SH-TRS	Transition sump sensor holder kit

Accessories

Riser adaptors and installation clamps 4" and 6"

Part #	Description
B-TBF-4	4" NPT fiberglass tank bung fitting with machined threads, 1 EP100RF included
B-TBF-6	6" NPT fiberglass tank bung fitting with machined threads, 2 EP100RF included
T-TBF4	Tool to Clamp B-TBFHD compression clamp for B-TBF-4; one per fitting
T-TBF6	HD compression clamp for B-TBF-6; one per fitting



B-TBF-4

Manometers for doublewall

Part #	Description
MS-2L	Extended clear 2" manometer 15" tall manometer for electronic sensor; B1000, 8000, 9000 serie
MS-2S	Standard clear 2" manometer for single point sensor 8" height
MS-3S	3" clear large volume monometer 12" tall for Tank Sump
MS-ATM	Atmospheric manometer for UDC
BK-402	2" sensor manometer bracket for DW tank sump
BK-500.5	1/2" atmospheric manometer bracket for DW B500, 600, 8000 & 9000 series
BK-502	2" sensor manometer bracket for DW B500, 600, 8000 & 9000 series



MS-3S

Accessories

Brackets

Part #	Description
BK-1015	Boss-mount bracket for B1000, ovation, advantage narrow, vista
BK-1017	Boss-mount bracket for B1000 Encore/ Helix model
BK-1011	Boss-mount bracket for B1000 Atlas model
BK-7000	Adjustable stabilizer bracket - Boss- 1-1/2" or 2" valves for B7000; also a satellite bracket
BK-8000	X and Y axis adjustable bracket for B8000/9000' Boss or U-Bolt mount
BK-A6000	Boss- mount bracket for A6000 product valves
BK-A6000-3	X and Y axis adjustable stainless steel bracket for A6000; boss-mount
BK-B2	X and Y axis adjustable stabilizer bracket for vapor valve



BK-1017

Clamps for round entry fittings

Part #	Description
T-FS-C10	One 3 bolt in-line compression clamp for F-Series conduit fittings
T-FS-C40	On tripod compression for full body 2", 3" and 4" product fittings
T-FS-C60	One tripod compression clamp for full body 6" fittings
T-FC-10	One pair of clamps for 3/4" and 1" conduit fittings
T-FC-20	One pair of clamps for 2" FRP and 2" LCX fittings
T-FC-30	One pair of clamps for 3" FRP and 3" LCX fittings
T-FC-40	One pair of clamps for 4" FRP and 4" LCX fittings
T-FS-10	Sanding kit for 3/4" and 1" conduit fittings, includes holesaw 2 1/2
T-FS-20	Sanding kit for 2" FRP and 2" LCX fittings
T-FS-30	Sanding kit for 3" FRP and 3" LCX Fittings, includes holesaw 4 1/2
T-FS-40	Sanding kit for 4" FRP and 4" LCX fittings, includes 5 1/2
T-FS-C10-4	One compression clamp for half body conduit fittings

Accessories

Pipe offsets

Part #	Description
MO-400	1-1/2" offset, 1-1/2" NPT male x 1-1/2" NPT female
MO-401	1' offset, 1-1/2" NPT male x 1-1/2" NPT female
MO-402	2" offset, 1-1/2" NPT male x 1-1/2" NPT female
MO-403	3" offset, 1-1/2" NPT male x 1-1/2" NPT female

Conversion frame accessories

Part #	Description
EN-DP	Deflector plate kit for Encore dispenser; set of 2
OV-DP	Deflector plate kit for Ovation dispenser; set of 2
DT-CU-380	Drip tray Encore dispenser Universal conv frame
DT-CU-250	Drip tray Ovation Dispenser Universal conv frame
DT-CU-380-CA	Drip tray Encore dispenser Universal conv frame * For California* Kydex
DT-CU-250-CA	Drip tray Ovation dispenser Universal conv frame * For California* Kydex
Conv-Retrofit-Plate 5 x25	5" x 25" FRP Panel for conduit includes EP100RF



EN-DP

Flexible entry boots

Part #	Description
B-17	3/4", 1" galvanized conduit, single-sided flexible entry boot
B-17-D	3/4", 1" galvanized conduit, double-sided flexible entry boot
B-32	3x2" FRP, single-sided flexible entry boot
B-32-D	3x2" FRP double-sided flexible entry boot
B-33	3" FRP, single-sided flexible entry boot pass-through
B-33-D	3" FRP, double-sided flexible entry boot pass-through
B-33-3-2-11/2	Flexible 3", 2" and 1.5" combination fitting



B-33-3-2-11/2

Accessories

Replacement transition sump covers

Part #	Description
L-501	Replacement steel cover for B500 small
L-503	Replacement steel cover for B500 large
L-601	Replacement galvanized diamond plate lid for B600 small
L-603	Replacement galvanized diamond plate lid for B600 large

B2000 Replacement parts

Part #	Description
B-18-NG-1.5-CK	Compression nut 1-1/2" kit; compression nut 2" and gasket 2x1-1/2" kit
B1-BOSS-C	Vapor shear valve Boss-mount- Celcon; CARB approved
B1-BOSS-UL	vapor shear valve Boss- Mount- cast iron; UL Listed
B1-TOP-C	Replacement shear top- Celcon; CARB approved
B1-TOP-UL	Replacement shear top- cast iron; UL listed
B1-U-C	Vapor shear valve- U-Bolt Celcon; CARB approved
B2K-P	B2000 float cup plug

Accessories

Compression fittings for transition sumps

Part #	Description
EBS	Rigid electrical bulkhead w/ ES1 reducer for 1" & 3/4" conduit
VFR-2	Field retrofit MNPT adapter and AST compression fitting for 2" and 1-1/2" risers
VFR-3	Field retrofit MNPT adapter and AST compression fitting for 3" risers



VFR-2

Rack system

Part #	Description
RS-501	Small rack fr 1,2 or 3 vents; includes hardware, freight not included
RS-503	Large rack for 4 or vents; includes hardware, freight not included
RS-HARD	Hardware kit for rack system, clamps, hex bolts, washers and nuts

Replacement gaskets

Part #	Description
G-501	Replacement gasket for B500 foam 1" x 1/4" gasket with adhesive tape
G-601	Replacement gasket for B600 foam 1" x 1/4" gasket with adhesive tape
G-640	Replacement gasket for B900 commercial 1" x 1/4" gasket with adhesive tape

Replacement rings

Part #	Description
OR-SL32	Replacement O-ring for 32" snap-lock lid
OR-SL36	Replacement O-ring for 36" snap-lock lid
OR-SL39	Replacement O-ring for 39" snap-lock lid
OR-MW36	Replacement O-ring for 36" manway
OR-MW42	Replacement O-ring for 42" Manway
OR-GREASE	Grease for O-ring

Accessories

4 Bolt replacement parts

Part #	Description
NXT-C-04B0-5	Clamp for 4 Bolt Standard Next fitting 5 Pack
NXT-PS-07-04B0-5	Pipe Seal 3/4" Galvanized Conduit 4 Bolt Standard, Center and Offset 5 pack
NXT-PS-07R-04B0-5	Pipe Seal 3/4" PVC Coated Conduit 4 Bolt Standard, Center and Offset 5 pack
NXT-PS-10-04B0-5	Pipe Seal 1" Galvanized Conduit 4 Bolt Standard, Center and Offset 5 pack
NXT-PS-10R-04B0-5	Pipe Seal 1" for PVC Conduit 4 Bolt Standard, Center and Offset 5 pack
NXT-PS-07-04BS-5	Pipe Seal 3/4" Galvanized Conduit 4 Bolt Small, Center and Offset 5 pack
NXT-PS-07R-04BS-5	Pipe Seal 3/4" PVC Coated Conduit 4 Bolt Small, Center and Offset 5 pack

8 Bolt replacement parts

Part #	Description
NXT-C-08B0-5	Clamp for 8 Bolt Standard Next fitting 5 Pack
NXT-ID-08B0-5	Next Inner Disk Replacement 8 Bolt Standard 5 Pack
NXT--08BO-RW-5	NEXT Series 8 Bolt Standard Round Wall Gasket (5 Pack)
NXT--08BS-RW-5	NEXT Series 8 Bolt Small Round Wall Gasket (5 Pack)

10 Bolt replacement parts

Part #	Description
NXT-C-10B0-5	Clamp for 8 Bolt Standard Next fitting 5 Pack
NXT-ID-10B0-5	Next Inner Disk Replacement 10 Bolt Standard 5 Pack
NXT--10BO-RW-5	NEXT Series 10 Bolt Standard Round Wall Gasket (5 Pack)
NXT-RG-10B0-5	10 Bolt Round Mounting Ring Gasket 5 Pack

Accessories

Pipe seal rigid for 8 & 10 bolt NEXT fittings

Part #	Description
NXT-PS-20L-10B-5	Pipe Seal for 2" LCX Pipe 8 & 10 Bolt 5 pack
NXT-PS-30-08B0-5	Pipe Seal for 3" Pipe 8 Bolt Standard 5 pack
NXT-PS-30-10B-5	Pipe Seal for 3" Pipe 10 Bolt 5 pack
NXT-PS-40-10B-5	Pipe Seal for 4" Pipe 10 Bolt 5 pack

Pipe seal flex for 8 and 10 NEXT fittings

Part #	Description
NXT-PS-2.0A-10B0-5	Pipe Seal for 1-1/2" APT XP Pipe 8 & 10 Bolt 5 pack
NXT-PS-2.0E-10B0-5	Pipe Seal for 1-1/2" Environ, OPW Flexworks Pipe 8 & 10 Bolt 5 pack
NXT-PS-2.2A-10B0-5	Pipe Seal for 1-3/4" APT XP Pipe 8 & 10 Bolt 5 pack
NXT-PS-2.5E-10B0-5	Pipe Seal for 2" Environ, OPW Flexworks Pipe 8 & 10 Bolt 5 pack

NEXT series parts and accessories

Part #	Description
NXT-BG-10B0-5	NEXT Blank Gasket for 8B0 and 10B0
NXT-SE-10	Next Stud Extender (for Short Studs) 10 Pack
NXT-TK-B	NEXT Tool Kit for Bolted Fittings Installation includes drilling jigs, assorted installation tools & bolt pattern finder.
NXT-FN-25	Flange Nut 1/4-20 25 Pack
PS-290	Polyurethane Sealant 290 ML

Flexible Piping Identification Chart

APT Poly Tech (1st Gen.)

First generation APT had a polyethylene secondary. The primary is dark blue and the secondary is light blue. It's easily identified by the 4 bolt end fitting.

Bravo parts required Adhesive-PEKit/ PE-210, and T-MG210 Poly Adhesive gun



APT- XP Pipe (2nd Gen.)

Pipe has a secondary made of nylon. The secondary is dark blue and the primary is light blue. Identifiable by the 2 bolt end fitting.

Bravo part required Adhesive Nylon Kit /NY-260



Flexible Piping Identification Chart

Environ Geo-Flex D

Environ Geo-Flex D pipe had a white primary and a green secondary made of polyethylene

Bravo parts required Adhesive-PEKit/ PE-210, and T-MG210 Poly Adhesive gun



Environ Geo-Flex Plus

Plus was manufactured until Environ closed. It has a green primary and a clear secondary made of PVDF.

Bravo part required EP100RF



Flexible Piping Identification Chart

Nupi

Nupi pipe is black polyethylene. It generally uses green electro fusion couplers.

Bravo parts required Adhesive-PEKit/ PE-210, and T-MG210 Poly Adhesive gun



UPP

UPP pipe is either black or green. It is very similar to Nupi and comes in the same metric sizes. It is made from polyethylene.

Bravo parts required Adhesive-PEKit/ PE-210, and T-MG210 Poly Adhesive gun



OPW CP-15/ CP-20 (Pisces)

OPW CP-15/CP-20 (PISCES) has a black primary and purple or blue secondary; secondary are made of polyethylene.

Bravo parts required Adhesive-PEKit/ PE-210, and T-MG210 Poly Adhesive gun



Flexible Piping Identification Chart

OPW Flex-works

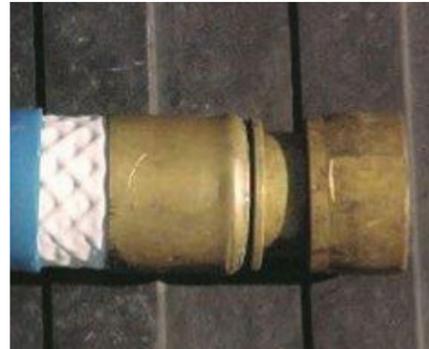
OPW Flex-works has a blue primary with a clear secondary made of PVDF.

Bravo part required EP100RF



Total Containment, Inc.

TCI produced many flexible pipes, some were short production runs, some had recalls. Bravo does not recommend bond retrofit fittings to Total Containment Pipe. The doublewall pipe (Omniflex) may be considered for retrofit after pipe integrity has been confirmed and verification by a Professional Engineer.



TCI, OMNIFLEX®

- “Omniflex” pipe was built by adding a secondary jacket blue color to “Enviroflex”.
- The primary (inner) pipe may be bone, white (top photo) or blue (bottom photo) in color – depending on the date of manufacture.

TCI Flexible piping not suitable for retrofit.

Adhesive not recommended, Retrofit not advised.



Flexible Piping Identification Chart

Western Fiber Glass (1st Gen)

1st generation Western Co-flex had a grey polyethylene secondary with a black primary

Bravo parts required Adhesive-PEKit/ PE-210, and T-MG210 Poly Adhesive gun



Western Fiber Glass (2nd Gen.)

The current generation of Co-flex pipe has a grey primary and a clear secondary made of PVDF

Bravo part required EP100RF

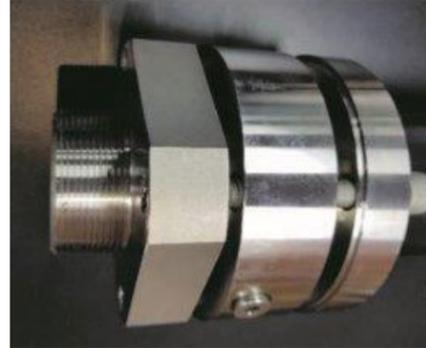


Flexible Piping Identification Chart

OmegaFlex Doubletrac

Design includes a primary interior layer of zero-permeation, highly corrosion resistant corrugated stainless steel with an outer EFEP barrier layer bonded to a Nylon 12 protective layer.

Bravo parts required NY-260



Brugg Pipesystems SECON-X®

- This pipe has a helically wound corrugated stainless steel primary and a polyethylene secondary.

Bravo parts required Adhesive-PEKit/ PE-210, and T-MG210 Poly Adhesive gun



Terms and Conditions

TERMS OF SALE

All orders placed by customer for any and all products of S. BRAVO SYSTEMS, Inc., shall be subject to these Terms of Sale ("Terms"). No additional or different terms or conditions or any modifications, or amendments to these terms shall be binding upon S. BRAVO unless specifically agreed to in writing by an authorized representative of S. BRAVO. Any additional or different terms proposed by customer in a purchase order or any other communication, now and hereafter, shall not apply. All orders from S. BRAVO must be written. Any changes to existing orders must be written and shall not be binding on S. BRAVO until accepted by an authorized representative of S. BRAVO. All customer purchase orders and order requests must be submitted to orders@sbravo.com.

TERMS OF PAYMENT

Any and all S. Bravo shipments are within the Continental United States. All shipments are FOB S. BRAVO's facilities in Commerce, California. All risk of loss shall pass to client as soon as shipped by S. Bravo. Standard payment terms are net thirty (30) days. If customer pays invoice within ten (10) days of date of invoice, a two (2) percent discount will be applied. All applicable federal, state and local taxes will be included in the total billed by S. BRAVO, unless customer provides a valid exemption certificate prior to billing.

1. Quotations

Quotations are valid for a period of thirty (30) days from the date on the quote, for the quantities indicated at the time of the quote. Any typographical or clerical errors on the part of S. BRAVO are subject to correction.

2. Custom Orders

Orders are considered custom when such orders do not conform specifically to the products produced/offered by S. Bravo and are not specified in the catalog. Custom orders will be produced as agreed by S. Bravo upon special arrangement and are subject to customized costs. Custom orders are non-cancellable once customer has provided written authorization and the drawings and custom order form has been signed. Custom orders produced by S. BRAVO as agreed are non-returnable to S. BRAVO.

3. Engineering Fee (relative to custom parts)

S. BRAVO may assist in designing a solution around a site condition or an application of use that is subject to an agreed upon and additional cost in advance. Unique problems require specialized consideration, review of support materials and site conditions, and evaluation of material selection and verification of measurements. Once the scope of the project has been identified, S. BRAVO will provide an estimate of the engineering fees according to the assumed conditions, which might later be adjusted depending upon actual conditions found in the field.

4. Cancellations

Customer may not cancel or delay delivery without express written approval of S. BRAVO obtained in advance of the due date. Customer is responsible for any and all costs incurred by S. BRAVO for any order cancellation or delay in delivery.

5. Claims

Customer must notify S. BRAVO's customer service department in writing of any shortages or damage within five (5) business days of accepting delivery of the S. BRAVO shipment using the approved S. BRAVO forms. Any claims must include required documentation and specific photos of all damaged or missing items. Written specification of the amount any damages claimed for any shortages in shipments, corrections, or other deductions must be submitted within five (5) business days from receipt of product. Any and all flaws or damage are to be noted on the BOL upon receipt of shipment. All claims must be submitted to returns@sbravo.com.

Terms and Conditions

6. Returned Goods

Customer must obtain authorization from S. BRAVO before any goods will be considered or accepted for return. Upon authorization, S. BRAVO will provide a return authorization number. Items are eligible for return within one hundred twenty (120) days or less from the original ship date. All return transportation charges and arrangements are the responsibility of the customer. Any and all returns must include the documentation information from the original purchase, including invoice number and ship date. Returned goods are subject to inspection and evaluation by S. BRAVO for approval before credit will be issued. For any and all approved returns, S. BRAVO will apply a restocking charge of twenty five (25) percent of the value of the original order. Specialty manufactured products including factory-installed fittings and conversion frames or modifications created by added items are not eligible for return. Standard products must be returned in S. BRAVO's original packaging, with all contents complete and in resalable condition. S. BRAVO does not accept returns on adhesives, lamination kits, or seals. Returns must be submitted to returns@sbravo.com.

7. Delays

S. BRAVO shall make all reasonable efforts to adhere to the planned shipping schedule provided to the customer. However, S. BRAVO shall not be liable for any damages or loss incurred by customer for failure to meet the shipping schedule provided, or for any delay associated with natural disaster, weather, insurrection, strike or similar cause.

8. Will Call

Will call orders will be available for pick-up from S. BRAVO located at 2929Vail Ave, Commerce, CA, 90040 or from BRAVO located at 58 Elliott Power Drive, Lexington, TN, 38351. A customer service representative will contact you to arrange the date and time for will call orders. Hours of operation are Monday-Friday, 7:30 am – 4:00 pm.

9. Taxes, Fees, and Duties

Customer is responsible for payment of all applicable taxes, fees and duties, to be paid either directly or via reimbursement to S. BRAVO. Any claim for exemption by customer if applicable, shall be effective only after S. BRAVO is in receipt of pre-approved exemption forms, and in no event following delivery, installation or performance.

10. Limitation of Liability

Regardless of the circumstances, S. BRAVO shall not be liable to for any incidental, special or consequential damages, damages for lost profits or similar liability. S. BRAVO's total liability for damages under any order shall not exceed the price allocable to the goods or services giving rise to the claim.

11. No Agency

Nothing in any order shall be construed to render S. BRAVO in any way or for any purpose a partner, joint venturer, fiduciary, associate or in any relationship with customer, other than as that of buyer and supplier. Neither party is authorized to act as an agent for the other.

12. Controlling Law

Any order shall be governed by the law of the state of California.

13. No Waiver

S. BRAVO's failure to enforce or insist on performance of any of the terms or conditions of an order shall not operate as a waiver of that or any other right.

Limited Warranty

Limited Warranty

S. Bravo Systems, Inc. warrants to the original purchaser that all containment systems sold by S. Bravo Systems, Inc. to Original Owner, when properly installed by a S. Bravo Systems, Inc. certified installer and maintained in strict compliance with S. Bravo Systems, Inc.'s instruction manuals, shall be free from defects in material and workmanship for a period of one (1) year from the date of purchase ('warranty period').

S. Bravo Systems, Inc., a California Corporation further warrants to the Original Owner that the fiberglass component of an S. Bravo Systems, Inc. and manufactured containment product will not fail as a result of internal or external corrosion for a period of thirty (30) years (except as further limited in Section A1a below) from the original date of purchase when used as intended for the containment of fuels under the following conditions.

A. The S. Bravo Systems, Inc. containment system may consist of any of the following S. Bravo Systems, Inc. manufactured products: fiberglass tank or turbine sump, fiberglass dispenser sump, fiberglass transition sump or fiberglass new construction entry fittings; and

1a. "E" Series (Economy) containment sumps maintain a limited E Series Express Warranty from internal and external corrosion for a period of ten (10) years.

B. S. Bravo Systems, Inc. fiberglass entry fittings must only be used in conjunction with fiberglass pipe (either Red Thread IIA or Dualloy 3000/L or 3000/LCX), steel pipe, galvanized pipe or PVC coated galvanized steel pipe and be bonded to a fiberglass wall.

C. The RLX and FLX-Series' and direct replacement fiberglass retrofit fittings for flexible pipe are excluded from the Express Warranty agreement statement above. The FLX-Series and direct replacement fiberglass retrofit fittings maintain Limited Flex Series Express Warranty of three (3) years.

D. The NEXT series composite compression retrofit fittings are excluded from the Express warranty agreement statement above. The NEXT series retrofit fittings maintain a Limited NEXT Series Express Corrosion Warranty of five (5) years.

E. The S. Bravo Systems, Inc. tank sump lids and kits including the RC and RCP Series are warranted from corrosion for a period of one (1) year.

D. The S. Bravo Systems, Inc. containment system components must have been properly installed by an S. Bravo Systems, Inc. certified installer and in accordance with S. Bravo Systems, Inc. installation guides. This limited warranty covers replacement of the containment system only and does not include the cost of removal or installation. S. BravoSystems, Inc. is not liable for variations in color, texture or appearance of the containment system after replacement, nor does it warrant that replacement systems will be identical in all respects with any prior systems.

Should S. Bravo Systems, Inc. determine, in its sole and absolute discretion, that any failure cannot be corrected and cured by replacing the containment system, the remedy for breach of these warranties shall be an amount equal to the original cost of the product. This limited warranty shall not be applicable and shall be void if the Original Owner or any third party removes or replaces the originally installed containment system without written approval of S. Bravo Systems, Inc. which prior approval shall not be unreasonably withheld but may be conditioned upon a S. Bravo Systems, Inc. representative's being present at such removal.

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In order to make a claim under this limited warranty, the Original Owner, or its representative, must notify S. Bravo Systems, Inc. in writing, with photo documentation, of the nature of the claimed failure within thirty (30) days of discovery of such failure or damage. Upon receipt of such notice, S. Bravo Systems, Inc. shall, within a reasonable time, inspect the installation at issue and determine the nature of the alleged failure.

This limited warranty may not be modified without prior written approval of S. Bravo Systems, Inc. If any provision of this limited warranty is held invalid or unenforceable, in whole or in part, the remaining portions of this limited warranty shall be severable and remain in effect. This warranty will be limited to the repair and/or replacement of Bravo parts only and will exclude all claims for labor or consequential damage.

No agent, independent contractor, employee, or representative of S. Bravo Systems, Inc., including any approved installer, has any authority to bind S. Bravo Systems, Inc. to any affirmation, representation, guarantee or warranty concerning the goods affected by this limited warranty. Unless an affirmation, representation, guarantee or warranty made by an S. Bravo Systems, Inc. representative is specifically included within this limited warranty, it will not be enforceable. No delay or omission on the part of S. Bravo Systems, Inc. or its agents, representatives, employees, or independent contractors in exercising any right or remedy provided herein shall constitute a waiver of such right or remedy. This limited warranty may not be transferred or assigned to a third party without the prior written consent of S. Bravo Systems, Inc.

This limited warranty is made and entered into in the State of California, and shall in all respects be interpreted, enforced and governed under the law of that state. This limited warranty shall supersede all prior communications, either written or oral, and all previous agreements, if any, between the parties with respect to any subject matter hereof and shall set forth the complete understanding of the parties with respect thereto.

THIS LIMITED WARRANTY IS IN LIEU OF ALL WARRANTIES, WHETHER WRITTEN, ORAL, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER OBLIGATIONS AND LIABILITIES ON THE PART OF S. BRAVO SYSTEMS, INC.

The foregoing shall constitute S. Bravo Systems, Inc.'s sole liability to the Original Owner and under no circumstances shall S. Bravo Systems, Inc. be responsible for any special, incidental, or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to particular circumstances or transactions. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

The foregoing shall constitute S. BRAVO's sole liability to the Original Owner and under no circumstances shall S. BRAVO be responsible for any special, incidental, or consequential damages. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to particular circumstances or transactions. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



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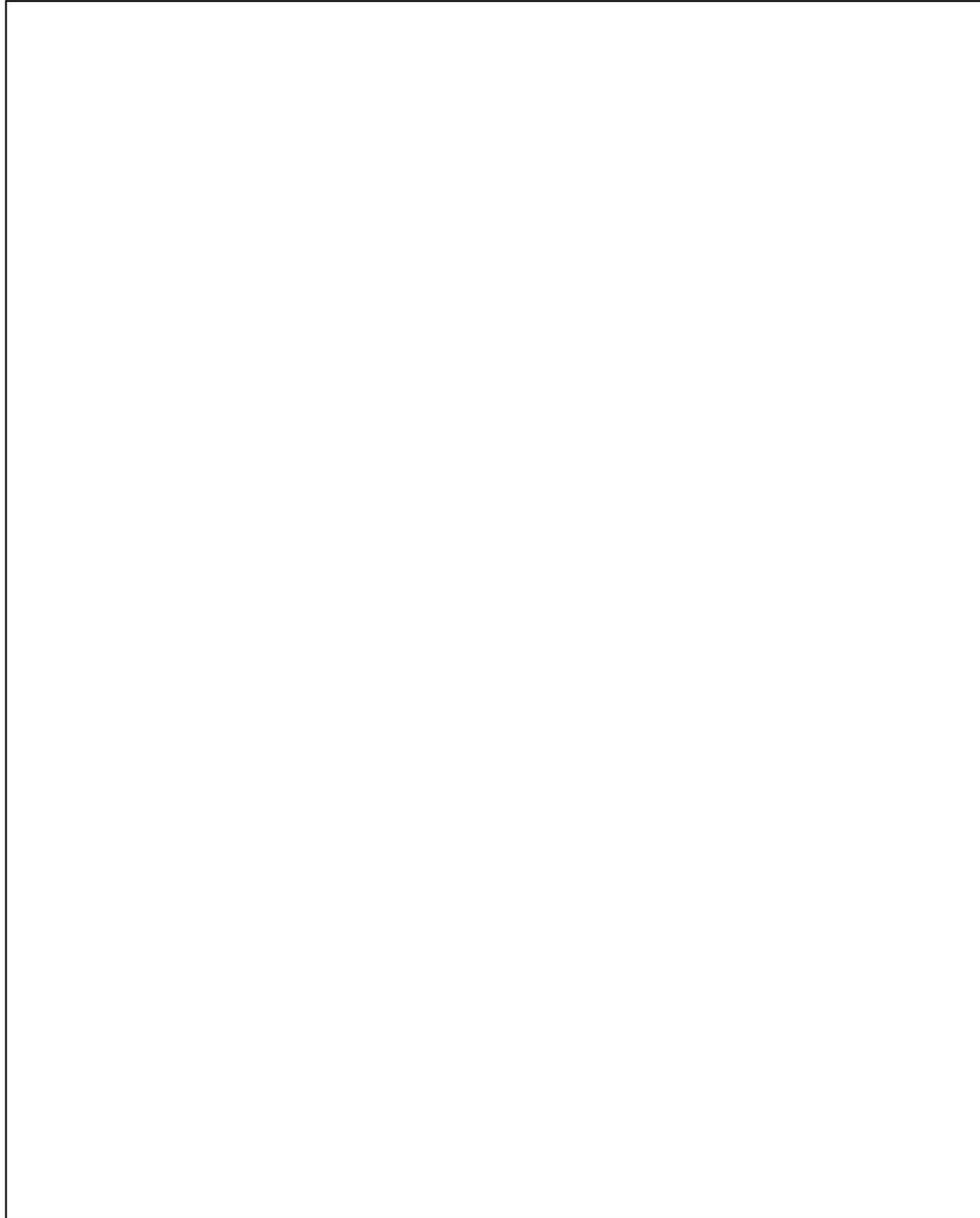
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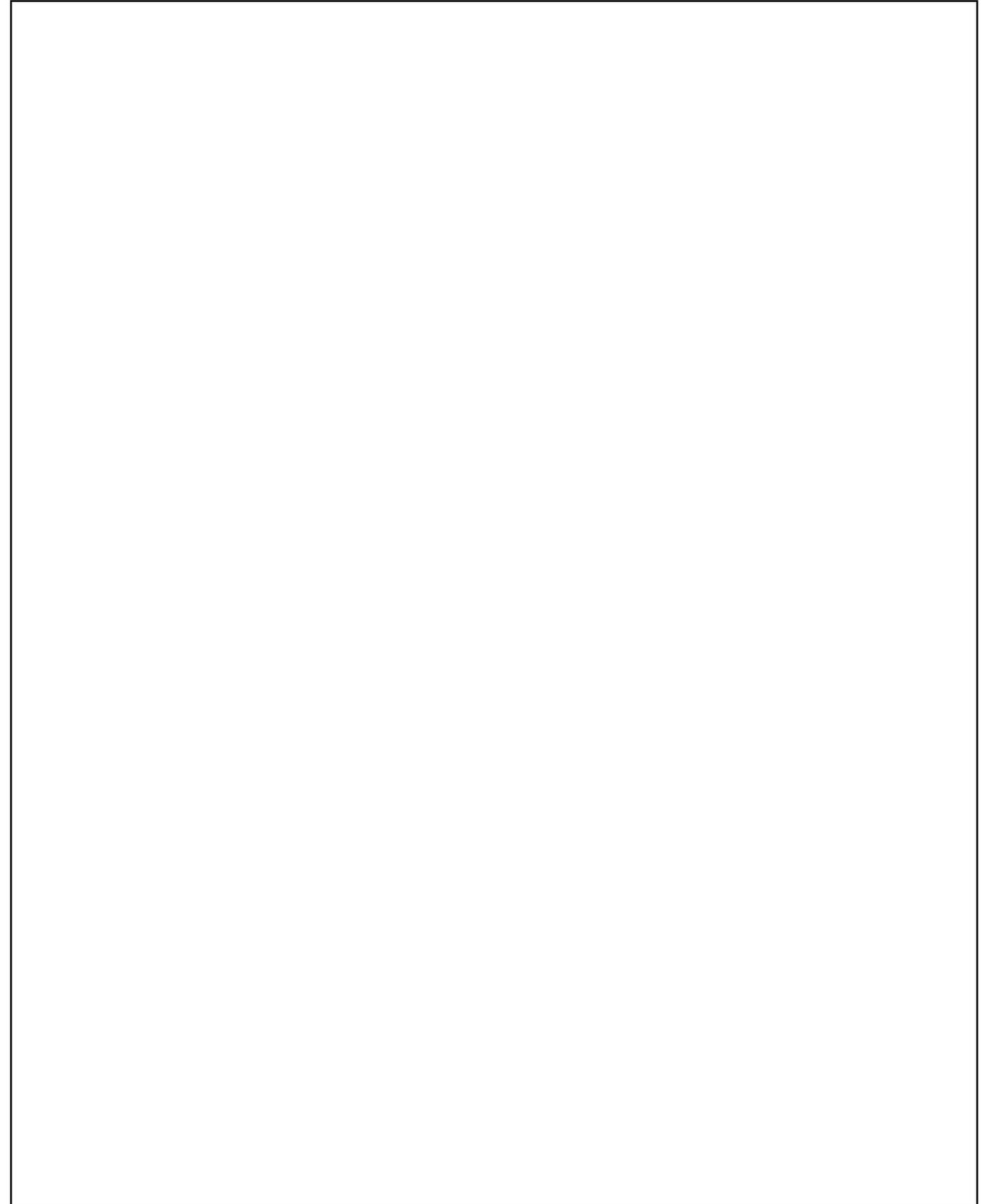
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Notes:



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