

Complete Catalog

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Composite Manholes





Pipe Guards

Air Towers





Island Forms

Sump Retro Fit





BumperBoard Signs

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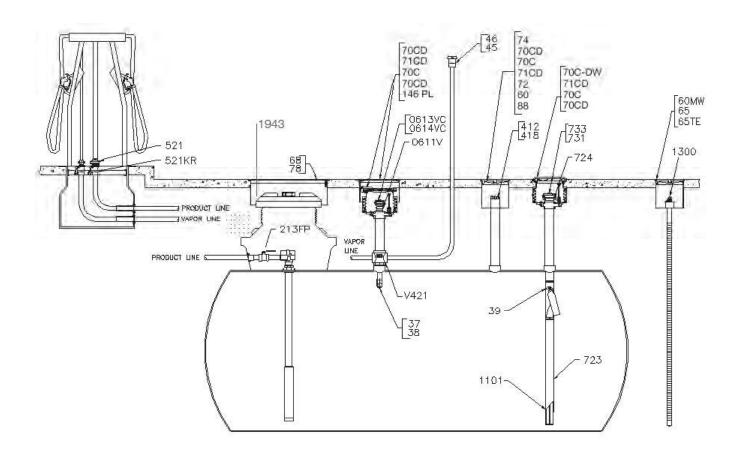
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TYPICAL SUBMERSIBLE PUMP APPLICATION

A Complete Line of Valves, Fittings, Accessories and Manholes for Your Installation.

Universal offers you the widest selection of Valves, Fittings, Accessories, and Manholes in the industry. These quality products provide proven performance with today's industry regulations and specifications.

Note: The drawing shows only general locations of various Universal products contained in this catalog. The products are not shown in actual size or proportion to Universal, or other products listed.



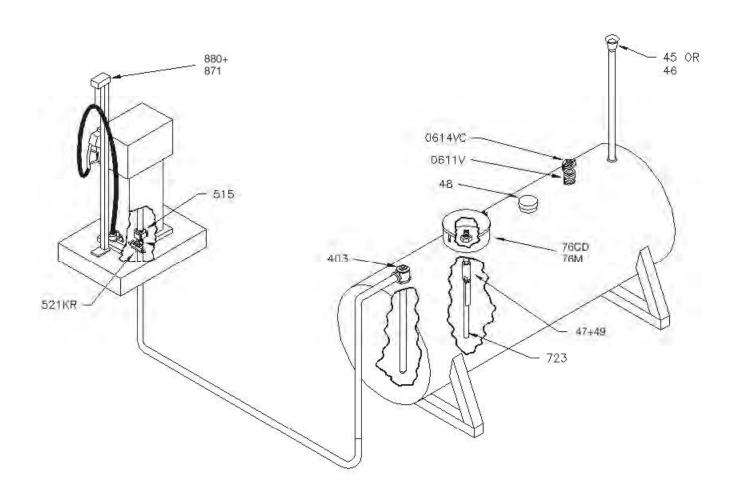


TYPICAL ABOVE GROUND TANK APPLICATION

A Complete Line of Valves, Fittings, Accessories and Manholes for Your Installation.

Universal offers you the widest selection of Valves, Fittings, Accessories, and Manholes in the industry. These quality products provide proven performance with today's industry regulations and specifications.

Note: The drawing shows only general locations of various Universal products contained in this catalog. The products are not shown in actual size or proportion to Universal, or other products listed.



ABSORBENTS

The Ultimate 20 Gallon Emergency Spill Response Kit

UN approved water and chemical resistant polyethylene container with leak proof twist on lid. Equipped with Universal absorbent products. Absorbs up to 15.2 gallons.

Part Number	Size
2005-SKA-20	 (25) 15" x 19" Pads (4) 3" x 4' Socs (2) 18" x 18" Pillows (1) Safety Goggles (1) Pair Nitrile Gloves (4) Disposable Bags & Ties (6) Tamper Proof Seals
	Shipping Dimensions: 23" w x 23" L x 19" H 23.2 lbs



The Ultimate 55 Gallon Emergency Spill Response Kit

UN approved water and chemical resistant polyethylene container with ring clamp top lid. Equipped with Universal absorbent products. Absorbs up to 51.9 gallons.

Part Number	Size
2005-SKA-55	(100) Pads (15" x 19") (10) Socks (3" x 4') (5) Pillows (18" x 18") (2) Pair Safety Goggles (4) Disposal Bags & Ties (1) Emergency Response Guidebook (2) Pair Nitrile Gloves (6) Tamper Proof Seals
	Shipping Dimensions: 24" w x 24" L x 40" H 55.5 lbs



ABSORBENTS

Poly Blend Socks

Universal sorbency, used for a variety of situations.

Part Number	r Size	Quantity	
2005-UN34	3" x 4'	30/case	-
_			

Compatible with oils, coolants, solvents and water.



Sorbents Pads

Economical contractor grade pads for oil clean up.

Part Number	Size	Quantity
2005-ENV200	15" x 19" Oil Only Single weight	200 per bale
2005-ENV300	15" x 19" Oil Only Single weight	100 per bale
2005-GP-200-SK	15" x 19" Oil Only Medium weight	50 per bale



Sorbent Pillows

Sorbent Pillows meet a varity of cleanup and safety needs. Excellent for absorbing spills and leaking fluids in tight spaces.

Part Number	Size	Quantity
2005-UN1818	18" x 18"	10/case

Compatible with oils, coolants, solvents and water.







UST OVERFILL PROTECTION

FLOAT VENT VALVE ASSEMBLIES

Application - The #37 when used in conjunction with the V421 Vent Valve, protects against overfill of the UST.

Part Number - #37 Float Vent Valve & V420 -V421 Vent Valve Assembly



Features -

- Protects against overfill of USTs.
- Signals the transport driver when the tank is filled to 90% capacity, in accordance with current **EPA** guidelines
- Fuel levels force the ball to a seating position, which restricts the venting system and slows the delivery rate dramatically
- ✓ Alerts the transport driver to stop product drop
- ✓ Retro-fittable and allows easy extraction for tank testina
- ✓ Utilized in vapor recovery applications
- For use on gravity delivery only
- ✓ V421 includes cage sssembly
- ✓ Compatible with E-85

Construction -

- Polymeric-coated steel body
- Stainless steel float ball
- Aluminum (cage assembly)

Warning: Universal Valve Float Vent Valve assemblies should only be used in submerged pumping systems. not suction pump systems. It should only be used on gravity drop systems. Do not use where pump off unloading or coax fills are used.

Float Vent Valve Model -Special Order Only (Min Qty Required)

Model	Size W	eight (lb	s.) A	В	С
37-206018	2" x 6" x 1/8"	1.5	9-1/2"	3-1/8"	5-1/2"
37-206016	2" x 6" x 1/16"	1.5	9-1/2"	3-1/8"	5-1/2"
37-201218	2" x 12" x 1/8"	3.7	16-1/2"	3-1/8"	14"
37-201216	2" x 12" x 1/16"	3.7	16-1/2"	3-1/8"	14"
37-201618	2" x 16" x 1/8"	4.4	19-1/2"	3-1/8"	16"
37-201616	2" x 16" x 1/16"	4.4	19-1/2"	3-1/8"	16"

Vent Valve Assembly V420 and V421

Model	Size	Weight (lbs.)	Α	В	
V420020	0" x 2"	13.9	8"	6-5/8"	
V422020	2" x 2"	13.4	8"	6-5/8"	
V420030	0" x 3"	15.7	8"	6-5/8"	
V423020	3" x 2"	14.4	8"	6-5/8"	
V423030	3" x 3"	15.3	8"	6-5/8"	

Cage Assembly (V423) Test Plug (V425)

Model	Weight (lbs.)	Α	В	
V423	.68	2.5"	3"	2,0
V425	2.9	1.5"	3.5"	

TOTAL OVERFILL PROTECTION

UST OVERFILL VALVE

Application -

Prevents overfills and fuel spillage when fueling underground tanks, which reduces the risk of fire, contamination, and costly clean up.

Part Number - 39





Only Universal has one moving part to eliminate any line shock. This valve is designed to shut off gradually when the fuel reaches a pre-determined level, preventing line shock during gravity drops. When there's no line shock, there's no stress put on the system.

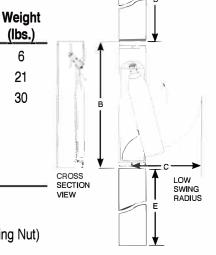
<u>Features</u>-

- ✓ Faster deliveries with less restriction
- Only one moving part
- ✓ Easily retro-fitted in existing tanks
- ✓ Completely automatic operation
- Easy field installation without breaking ground
- ✓ Enables manual gauging of tank
- No minimum flow rate required for shut off

Model#	Α	В	С	D	Ε	(lbs.)
39-04	4"	18"	10"			6
39-0508	4"	18"	10"	5'	8'	21
39-0710	4"	18"	10"	7'	10'	30

Replacement Parts

Part Numbers	Description
39-11	Screw For Spring
39-12	Body O-Ring
39-13	Set Screw (Coupling Nut)
39-17	Body Screw
39-18	Adhesive Pack
39-19	Coupling Nut
39-2	Float
39-INS	Installation Kit



Construction -

- · Cast aluminum body
- · Stainless steel shaft
- · Aluminum internal components
- · Reinforced closed cell float
- Spring steel pre-trip mechanism
- Thrust bearing
- · Teflon washer

IMPORTANT: In order to prevent product spillage from the Underground Storage Tank (UST), properly maintained delivery equipment and proper connection at the tight-fill adapter are essential. Delivery personnel should be managed and trained to inspect delivery elbows and hoses for damaged and missing parts. They should always make certain there is a positive connection between the adapter and elbow. If delivery equipment is not properly maintained, or the elbow is not securely coupled to the adapter, a serious spill may result when the 39-04 closes, causing a hazard and environmental contamination.

NOTE: The Universal Valve 39-04 is designed for use on tight-fill gravity drop applications only. Do not use for pressure fill applications.

TOTAL OVERFILL PROTECTION

TESTABLE UST OVERFILL VALVE

Application -

Prevents overfills and fuel spillage when fueling underground tanks. Testable functionality without removing the over fill valve from the riser pipe.

Part Number - 39T





Only Universal has one moving part to eliminate any line shock. This valve is designed to shut off gradually when the fuel reaches a pre-determined level, preventing line shock during gravity drops. When there's no line shock, there's no stress put on the system.

<u>Features-</u>

- ✓ Faster deliveries with less restriction
- Only one moving part
- ✓ Easily retro-fitted in existing tanks
- Completely automatic operation
- Easy field installation without breaking ground
- ✓ Enables manual gauging of tank
- No minimum flow rate required for shut off

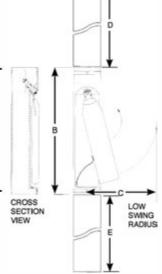
Construction -

- Cast aluminum body
- · Stainless steel shaft
- · Aluminum internal components
- · Reinforced closed cell float
- Spring steel pre-trip mechanism
- · Thrust bearing
- · Teflon washer

Model#	Α	В	С	D	E	Weight (lbs.)
39-04T	4"	18"	10"			6
39-0508T	4"	18"	10"	5'	8'	21
39-0710T	4"	18"	10"	7'	10'	30

Replacement Parts

Part Numbers	Description	
39-11	Screw For Spring	_
39-12	Body O-Ring	
39-13	Set Screw (Coupling Nut)	
39-17	Body Screw	
39-18	Adhesive Pack	
39-19	Coupling Nut	
39-2	Float	•
39-INS	Installation Kit	,



Testing Tools:

39-T 5' Long Testing Tool39-TXL 10'Long Testing Tool

IMPORTANT: In order to prevent product spillage from the Underground Storage Tank (UST), properly maintained delivery equipment and proper connection at the tight-fill adapter are essential. Delivery personnel should be managed and trained to inspect delivery elbows and hoses for damaged and missing parts. They should always make certain there is a positive connection between the adapter and elbow. If delivery equipment is not properly maintained, or the elbow is not securely coupled to the adapter, a serious spill may result when the 39-04 closes, causing a hazard and environmental contamination.

NOTE: The Universal Valve 39-04 is designed for use on tight-fill gravity drop applications only. Do not use for pressure fill applications.

VAPOR VENTS

UPFLOW VENT

Application -

Assures even pressure in the UST/AST during filling or dispensing

Part Number - 45





Only from Universal! – Designed with an upward flow to rapidly disperse vapors. A grooved drain lip in the cap allows for efficient water drain-off.

Features -

- ✓ All cast metal construction
- ✓ Easy installation with 2 set screws
- ✓ Flame retardant 40 mesh bronze screen
- ✓ Conforms with NFPA-30

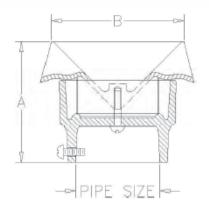
Construction -

- · All metal body
- Bronze screen

Model	Pipe Size	Weight (lbs.)	Α	В
45-15	1-1/2"	1.2	4-3/8"	4"
45-20	2"	1.1	4-3/8"	4"
45-30	3"	2.6	5-3/8"	6"

Replacement Parts

Part Numbers	Description
45-1-A	2" x 1 1/2" Bushing (Model 45-15)
45-2-E	2" Body Screw
45-3-E	3" Body Screw (Model 45-30)





VAPOR VENTS

PRESSURE VACUUM VENT

Application -

Vapor recovery applications to assure even pressure in the UST during filling or dispensing.

Part Number - 46





Only Universal provides rugged all cast metal construction...built to last. This eliminates any injuries due to sharp corners and edges, unlike competitive fabricated products.

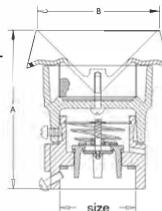
Features -

- Restricts vapor escape during product drops
- ✓ Vent slips onto existing vent piping and is held in place by 3 set screws (Model 46-2080 has 2" NPT threads)
- CARB certified
- ✓ Conforms with NFPA-30
- ✓ Compatible with E-85

Construction -

- All cast aluminum body
- · Flame retardant 40 mesh bronze screen

		Weight			Vacuu	m
Model	Size	(lbs.)	Α	В	Pressure	{oz}
46CS-2080	2"	2	5-7/8"	4-1/4"	2" Water Col.	0.5
46CS-3080	2"	2	5-7/8"	4-1/4"	3" Water Col.	0.5
46-2080	2"	2	5-7/8"	4-1/4"	8 oz.	0.5
46S-2080	2"	2	5-7/8"	4-1/4"	8 oz.	0.5
46P-3L	3"	3.5	6"	4-1/4"	2" Water Col.	0.5



Replacement Parts

Part Numbers	Description	
200A-15-H	Cotter Pin	size -
45-20	2" Upflow Vent	size
45-2-E	2" Body Screw	
46-2-A	2" Body NPT (Model 46-2080)	
46-2-G	Gasket (Model 46)	
46C-2-B	2" Body w/o Threads (Models 46CS,46S)	
46C-2-G	Gasket (Model 46CS)	
46C-2-J	Cone Spring (Model 46CS-2080)	

OVERFILL PROTECTION

2" NPT OVERFILL VALVE

Application -

All new 2" overfill valve. The new 47-20 fits 2" tank openings. With no minimum flow rate this valve can be used for a wide variety of applications.

Part Number - 47-20



Features -

- ✓ No minimum flow rate to operate
- ✓ No line shock, gradual shut-off
- ✓ No float hang up
- Prevents overfills in tanks reducing contamination and costly clean-up
- ✓ Completely automatic operations
- ✓ Easily retrofitted to existing tanks
- ✓ 2" NPT tank opening
- ✓ 55gpm at 30PSI
- ✓ 10PSI = 100gpm
- ✓ Max 100PSI
- ✓ Max 150 Centistokes

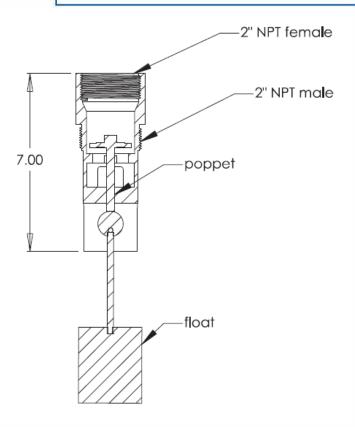
Construction -

- Hard coated aluminum
- · Reinforced closed cell float
- · Buna gaskets

Model#	Weight	(lbs.)
47-20		1 86



Only Universal Valve offers a 2" overfill valve designed to operate with no minimum flow rate. Making this valve the most versatile overfill on the market.



Replacement Parts

Part Numbers	Description
47-F	Float
47-G	Float Rod

OVERFILL PROTECTION

UST WASTE OIL OVERFILL VALVE

Application -

The new 47-20-USTWO fits 4" tank openings.

With no minimum flow rate this valve can be used for a wide variety of applications.

Part Number - 47-20-USTWO



47-20-USTWO Includes: Fill Cap (not shown) Fill Adapter 4" Adapter Coupling 47-20 Overfill Valve

Not included: Internal Riser Pipecontractor supplied length TBD by installation instructions

Features -

- ✓ No minimum flow rate to operate
- ✓ No line shock, gradual shut-off
- ✓ No float hang up
- ✓ Prevents overfills in tanks reducing contamination and costly clean-up
- ✓ Completely automatic operations
- ✓ Easily retrofitted to existing tanks
- 4" NPT tank opening
- ✓ 55gpm at 3OPSI
- ✓ 10PSI = 100gpm
- ✓ Max 100PSI
- ✓ Max 150 Centistokes

Construction -

- Hard coated aluminum
- · Reinforced closed cell float
- · Buna gaskets



Optional funnel

Replacement Parts Part Number Description

49-C 2" Fill Adapter 49-CAP 2" Fill Cap

49-D 2"x 4" Adapter Coupling
47-USTF UST Waste Oil Funnel

Model# Weight (lbs.)

47-20-USTWO UST Waste Oil Overfill Valve 5.6 lbs 47-20-USTWOF UST Waste Oil Overfill valve w/ Funnel 6.9 lbs



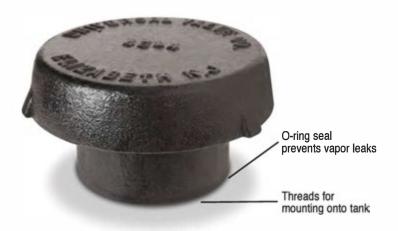
AST EMERGENCY VENTS

BLOW OFF VENTS

Application -

For all AST storage applications. Allows venting to relieve the excessive internal pressure build-up. The emergency vents will open at approximately 1 PSI.

Part Number - 48





Only from Universal! —The unique mushroom design specifically prevents water and contaminants from entering the AST.

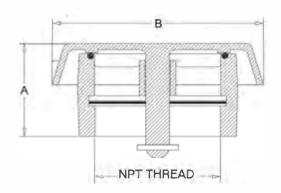
Features -

- O-ring seal prevents vapor leaks
- ✓ Mounts onto the tank
- ✓ Female threads
- ✓ Non-corrosive polymeric coating
- ✓ Meets state and federal regulations
- ✓ Compatable with E-85

Construction -

· Rugged epoxy coated cast iron body

Madal	Thread	Wainht (lba \	OFU Obart		
Model	Size	Weight (lbs.)	CFH Chart	Α	В
48-40	4"	18.8	119,750	6"	7-1/2"
48-60	6"	30	246,130	6"	10"
48-80	8"	39	462,000	6"	12-1/2"
48M-40	4" Male	20.3	119,750	6-1/4"	7-1/2"
48M-60	6" Male	31.5	462,000	6-1/4"	10-1/4"





OVERFILL PROTECTION VALVES

AST/UST VALVE

Application -

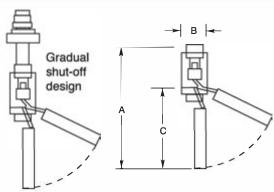
Prevent overfills in AST's and UST's.

Part Number - 49





The best overfill protection available today. No line shock and gradual shut-off to eliminate any stress on the system.



U.L. Approved for both Pressure and Gravity Fill Applications. No Minimum Flow Rate Required.

Fill Adapter Weight В C Model Size (lbs.) 15-3/4" 49-02 2" 10.0 22-3/8" 3-11/16" 3" 49-03* 10.0 22-3/8" 3-11/16" 15-3/4"

Both models fit 4" tank opening

49-DTC attaches standard 2" Aluminum Drop Tube (sold separately)

49-Cap 2" Fill Cap (sold separately)

n Replacement Parts

Part Numbers	Description
49-C-3	3x2 Adapter
49-C	2" Fill Adapter (Model 49-02)
49-CAP	2" Dust Cap (Model 49-02)
49-D	2" x 4" Adapter (Model 49-02)
49-L	Adapter O-Ring (Model 49-02)
49-O	Float (Model 49-02)
49-V	2" x 12" Nipple (Model 49-02)

^{*}Model 49-03 is a 49-02 with a 3" fill coupler.

Features -

- ✓ No line shock, gradual shut-off design
- ✓ No stress on system
- ✓ No float hang-up
- Prevents overfills reducing contamination and costly clean-up
- ✓ Completely automatic operation
- ✓ Easily retro-fitted to existing tanks
- ✓ Shipped with fill adapter
- ✓ Adjustable collar provides simple installation
- Minimal pressure drop

Construction -

- Hard coated aluminum pipe adapter
- · Zinc plated steel linkage
- · Reinforced closed cell float

MULTI-PURPOSE CHECK VALVES

UNION CHECK VALVE

Application -

Stops loss of prime caused by damaged foot valves, or angle check valves. Mounts in standard union fitting under pump.

Part Numbers - 200A, 200AS





Only from Universal! —Total cast bronze body construction for long life. Not plastic like other manufacturers.

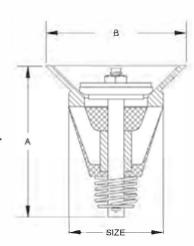
Features -

- ✓ Easily inserted onto existing union fittings in a suction system
- ✓ Can be used until a damaged valve is repaired or replaced
- ✓ Available with screen to prevent contaminants from entering the pump

Construction -

- · Cast bronze body
- · Buna-N or Viton seals
- · Brass screen

Model	Size	Weight (lbs.) A	В	Seal
200A-15	1-1/2"	0.3	2-3/8"	2-1/8"	Buna-N
200AV-15	1-1/2"	0.3	2-3/8"	2-1/8"	Viton
200AS-15	1-1/2"	0.3	2-3/8"	2-1/8"	Buna-N w/ screen



Replacement Parts

Part Numbers	Description
200AS-15-J	Screen

MULTI-PURPOSE CHECK VALVES

NIPPLE CHECK VALVES

Application -

Holds the prime in suction systems. Mounts in the fuel line directly below the pump. Can be used as a multi-purpose, "in-line" check valve.

Part Numbers - 212B, 212V



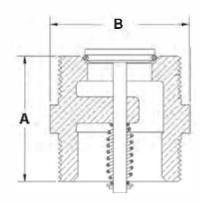
Features -

- For suction systems
- ✓ Heavy wall bronze body construction eliminates seat distortion
- ✓ Available with Buna-N or Viton seals

Construction -

- Bronze body
- · Buna-N or viton seals

Model	Size	Weight (lbs.)	Α	В	Seal
212B-15	1-1/2"	1.2	3-1/8"	2-1/2"	Buna-N
212V-15	1-1/2"	1.2	3-1/8"	2-1/2"	Viton
212B-20	2"	1.8	3-3/16"	2-5/8"	Buna-N
212V-20	2"	1.8	3-3/16"	2-5/8"	Viton



MULTI-PURPOSE CHECK VALVES

PRESSURE RELIEF NIPPLE CHECK VALVES

Application -

Universal 212BPR and 212VPR are mounted in fuel lines at the submersible pump to hold the prime and prevent premature tripping of mechanical leak detectors. The valves relieve thermal expansion between the pump head and dispenser.

Part Numbers - 212BPR, 212VPR

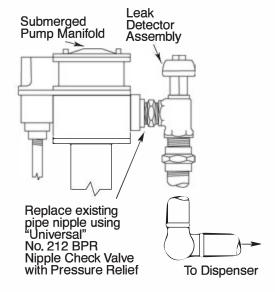


Features -

- For suction systems
- ✓ Heavy wall bronze body construction eliminates seat distortion
- ✓ Available with Buna-N or Viton seals
- ✔ Pressure relief valve set at 0-14, 15-35, or 36-50 psi
- ✓ Large selection of sizes
- Pressure relief valve relieves thermal expansion in line between pumping unit and dispenser
- U.L. Approved

Construction -

- Bronze body
- · Buna-N or Viton seals



						width —
Model	Size	Weight (lbs.)	Height	Width	Seal	
212BPR-15-014	1-1/2"	1.2	3-1/8"	2-1/2"	Buna-N	7//2
212BPR-15-1535	1-1/2"	1.2	3-1/8"	2-1/2"	Buna-N	3///
212BPR-15-3650	1-1/2"	1.2	3-1/8"	2-1/2"	Buna-N	
212VPR-15-014	1-1/2"	1.2	3-1/8"	2-1/2"	Viton	
212VPR-15-1535	1-1/2"	1.2	3-1/8"	2-1/2"	Viton	height //////
212VPR-15-3650	1-1/2"	1.2	3-1/8"	2-1/2"	Viton	
212BPR-20-014	2"	1.8	3-3/16"	2-5/8"	Buna-N	\$ 1 m
212BPR-20-1535	2"	1.8	3-3/16"	2-5/8"	Buna-N	
212BPR-20-3650	2"	1.8	3-3/16"	2-5/8"	Buna-N	1 3 5 48
212VPR-20-014	2"	1.8	3-3/16"	2-5/8"	Viton	
212VPR-20-1535	2"	1.8	3-3/16"	2-5/8"	Viton	NPT thread size
212VPR-20-3650	2"	1.8	3-3/16"	2-5/8"	Viton	Tarroad died



BALL VALVES

FULL PORT

Application -

Allows easy line shut off, which prevents system shut-down during maintenance.

Part Numbers - 213FP



Features -

- ✓ Allows easy line testing
- ✓ Rugged brass body
- ✓ Compatible with E-85 (Model SS)

Construction -

- Stainless steel ball with Teflon seals
- Brass body
- · Plastic coated handle

Model	Size		
213FP-025	1/4" Brass Ball Valve	Model	Size
213FP-025-L	1/4" Brass Ball Valve Locking	213FP-20	2" Brass Ball Valve
213FP-0375	3/8" Brass Ball Valve	213FP-20-L	2" Brass Ball Valve Locking
213FP-0375-L	3/8" Brass Ball Valve Locking	213FP-20SS	2" Stainless Steel Ball Valve Locking
213FP-050	1/2" Brass Ball Valve	213FP-25	2-1/2" Brass Ball Valve
213FP-50-L	1/2" Brass Ball Valve Locking	213FP-30	3" Brass Ball Valve
213FP-50-SS	1/2" Stainless Steel Ball Valve Locking	213FP-40	4" Brass Ball Valve
213FP-10	1" Brass Ball Valve	213FP-750	3/4" Brass Ball Valve
213FP-10-L	1" Brass Ball Valve Locking	213FP-750-L	3/4" Brass Ball Valve Locking
213FP-10-SS	1" Stainless Steel Ball Valve Locking	213FP-750-SS	3/4" Stainless Steel Ball Valve Locking
213FP-125	1-1/4" Brass Ball Valve		-
213FP-125-L	1-1/4" Brass Ball Valve Locking		
213FP-15	1-1/2" Brass Ball Valve		
213FP-15-L	1-1/2" Brass Ball Valve Locking		
213FP-15-SS	1-1/2" Stainless Steel Ball Valve		

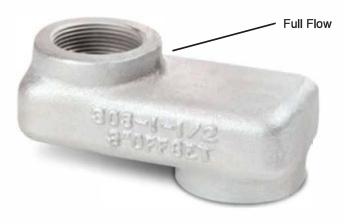
PIPE LINE ACCESSORIES

SHORTY OFFSET ADAPTER

Application -

Compensates for misalignment of the dispenser, suction stub and dispenser boxes, where space is critical. Allows for easy, fast dispenser up-grades.

Part Numbers - 303



Features -

- Saves time and money
- A lower height where space is critical for suction systems
- ✓ Full flow unobstructed design
- Can be used for dispenser boxes

Construction -

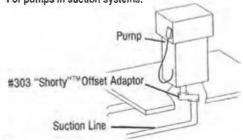
· E-Coated cast iron body

Model	Thread	Offset	(lbs.)	Α	В
303-1510	1-1/2" NPT	1"	2.1	2-1/4"	3"
303-1515	1-1/2" NPT	1-1/2"	2.4	2-1/4"	4-1/4"
303-1520	1-1/2" NPT	2"	2.6	2-1/4"	4-3/4"
303-1525	1-1/2" NPT	2-1/2"	2.9	2-1/4"	5-1/8"
303-1530	1-1/2" NPT	3"	3.2	2-1/4"	5-1/2"
303-1535	1-1/2" NPT	3-1/2"	3.7	2-1/4"	6"
303-1540	1-1/2" NPT	4"	4	2-1/4"	6-1/2"
303-1545	1-1/2" NPT	4-1/2"	4.5	2-1/4"	7"
303-1550	1-1/2" NPT	5"	4.75	2-1/4"	7-1/2"
303-1560	1-1/2" NPT	6"	5	2-1/4"	8-1/2"
303-1580	1-1/2" NPT	8"	6	2-1/4"	10-1/2"

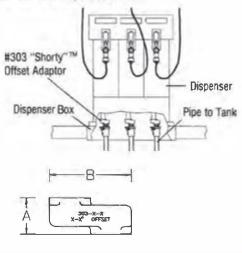


Only from Universal! – Designed for low height requirements. In use and extremely popular for over 25 years. Now an industry standard only from Universal. Saves time and money during installations. Prevents any strain on piping and dispenser boxes.

Model #303 "Shorty"™ Offset Adaptor Application For pumps in suction systems:



For use with dispenser boxes:





ANGLE CHECK VALVES

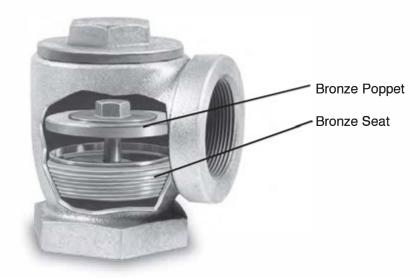
SUCTION SYSTEMS

Application -

Holds the prime in suction systems.

Part Number - 401





Features -

- ✓ Ultra precise machined bronze seat and poppet for effectively holding the prime
- ✓ Cast iron body that eliminates any distortion of the valve seat while tightening

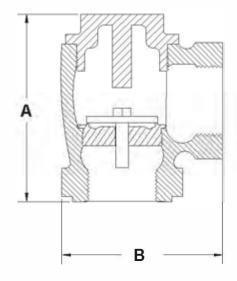
Construction -

- · Zinc plated cast iron body
- · Precision bronze seat and poppet

	Thread				
Model	Size	Weight (lbs.)	Α	В	
401-15	1-1/12"	4.6	4-5/8"	4"	
401-20	2"	7.2	5-1/4"	5-1/8"	

Replacement Parts

Part Numbers	Description
401-15BC	1-1/2" Cap
401-20BC	2" Cap



ABOVE GROUND TANK VALVES

ANTI-SYPHON VALVE

Application -

Reducing fire hazards and preventing fuel spillage should a line rupture.

The flow would automatically stop the syphon effect.

*Also available with pressure relief for thermal expansion (403PR).

Part Number - 403



Features -

- ✓ Precision machined valve seats
- ✓ Automatic shut off syphon effect

Thread

- ✓ Prevents fuel spillage
- ✓ No need to specify head settings when ordering

Weight

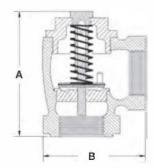
✓ PR opens 15-35PSI



Only from Universal! – No need to specify head settings! Everything is included to cover an operating range of 0' to 20'.

Construction -

- Zinc plated cast iron body
- Buna-N seals



Replacement
Parts Part
Numbers

Model	Size	(lbs.)	Α	В	Numbers
403-34	3/4"	5.0	4-3/4"	2-3/8"	400.40.4
403PR-34	3/4"	5.0	4-3/4"	2-3/8"	403-10-A
403-10	1"	4.8	4-3/4"	2-3/8"	403-15-E
403PR-10	1"	4.8	4-3/4"	2-3/8"	403-15-SK
403-15	1-1/2"	4.6	4-3/4"	2-3/8"	403-20-SK
403PR-15	1-1/2"	4.6	4-3/4"	2-3/8"	403-34-A
403-20	2"	7.2	5-3/8"	2-1/2"	403-15-CAP
403PR-20	2"	7.2	5-3/8"	2-1/2"	403-20-CAP

Description

1-1/2" x 1" Reducer Bushing Poppet Guide Spring Kit (3/4",1" & 1-1/2") Spring Kit (2") 1-1/2" x 3/4" Reducer Bushing 1- 1/2" Cap Assembly 2" Cap Assembly

ABOVE GROUND TANK VALVES

SOLENOID VALVES

Application -

Reducing fire hazards and fuel spillage should a line rupture. The valve opens when energized from a dispenser or pump switch.

Part Number - 404V



Heavy duty two way normally closed, one directional flow. Piston style design for High Flow, and zero differential.

Features -

- ✓ Zero Differential Direct Lift
- ✓ Higher Flow than Diaphragm Valves
- ✓ Internal Pressure Relief
- ✓ No need to specify 120V/60 or 24V/DC when ordering

Construction -

- Brass Body & Piston
- FKM seals



Other sizes and materials available. Call for more information.

Pipe Size (inch)	Part Number	Orifice Size	Size Cv Flow	Operating Pressure Differential (PSI)		Max Fluid	Watt Rating/ Insulation	
	Part Number (1/2" 404V-15-120/60-24DC	(mm)		Min	Max	Temp (F)	AC	DC
1-1/2"	404V-15-120/60-24DC	38	19	0	100	180	30/H	48/H
2"	404V-20-120/60-24DC	38	27	0	100	180	30/H	48H

Current D	raw (amps)):
Volt/Hz	120/60	24/DC
Holding	0.66	2.0
Inrush	2.23	2.0

Important Installation Instructions: A strainer or a filter (100 microns) is recommended to be installed as close as possible to the inlet of the valve. The valve can only be installed in the horizontal position with coil vertical and upright.

CAPS

PIPE CAP

Application -

Capping pipe in extractor valve assemblies, storage tanks, and monitoring wells.

Part Number - 412



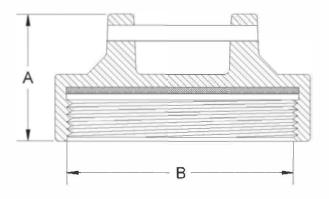
Features -

- ✓ A convenient cross bar for easy removal and installation
- ✓ Rugged metal construction

Construction -

- All cast aluminum
- · Plated steel cross bar
- · Buna-N gasket

	Thread			
Model	Size	Weight (lbs.)	Α	В
412-40	4"	1.2	2.5"	4"



Replacement Parts

Part Numbers	Description	
412-4-B	Groove Pin	
724-44-B	Gasket	



CAPS

DUST CAP FOR 4" PIPE

Application -

Capping pipes in extractor valve assemblies, storage tanks, and monitoring wells.

Part Number - 418



Model 418

Model 418TM



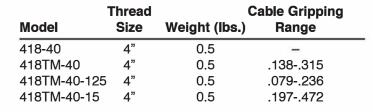
Only from Universal! — The 418TM-40 is easy to install and remove, because of the top ears configuration. Ribbing on the side allows easy hand tightening.

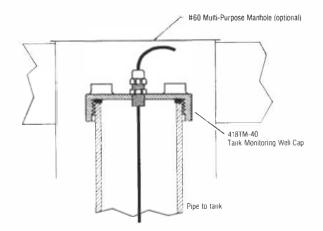
Features -

- ✓ Top mounted ears allow easy removal and installation
- ✓ Rugged construction for long life
- ✓ Durable and non-corrosive
- ✓ Liquid tight seal
- ✓ UL#E79903
- ✓ CSA#LR50370-10 approved

Construction -

- · Reinforced composite plastic construction
- · Buna-N seal





Replacement Parts Part Numbers Description

418-4-B	Gasket
418TM-4-A	3/8" Cord Connector
418TM-4-B	1/2" Cord Connector
418TM-4-C	1/8" Cord Connector

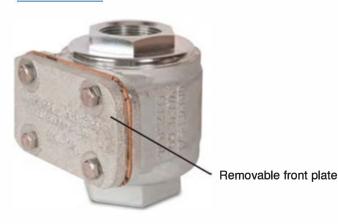
EXTRACTOR FITTINGS

EXTRACTABLE CHECK VALVES

Application -

Holds prime in suction system applications.

Part Number - 515





Strategically used in place of foot valves. ONLY UNIVERSAL HAS A_

METAL-TO-METAL BRASS SEAL,

Features -

- ✓ Holds the prime
- Easily serviced without disturbing existing pipes in suction systems
- ✓ No need to remove valve to clean because it has a removable front plate for easy maintenance
- ✓ Rugged cast iron body eliminates distortion of valve seat when tightened

A

Construction -

· Zinc plated cast iron body

Model	Thread Size	Weight (lbs.)	A	В	Seal
515B-15	1-1/2"	8.5	5-3/16"	4-7/8"	Buna-N
515BS-15	1-1/2"	8.5	5-3/16"	4-7/8"	Buna-N w/ strainer
515M-15	1-1/2"	8.5	5-3/16"	4-7/8"	Metal-to-Metal
515MS-15	5 1-1/2"	8.5	5-3/16"	4-7/8"	Metal-to-Metal w/strainer

Replacement Parts

Part Numbers	Description
0611V-34-B	5/16" Bolt
515-15-10	Cone Spring
515-15-7	Cover Gasket
515-15-8	Cage Gasket
515-15-9	Strainer
515-CAB	Cage Assembly (Buna-N)
515-CAM	Cage Assembly (Metal to Metal)



VAPOR RECOVERY-ADAPTER CHECK VALVE

Application -

Returning vapor back to the tank truck during a product drop. A poppeted valve seals vapor tight when uncoupled.

Part Number - 0611V



Features -

- ✓ Compatible with Universal caps 0613VC and 0614VC
- ✓ Corrosion resistant hard coated aluminum cast body
- ✓ Maximum working pressure rated at 10 PSI

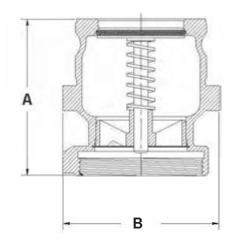
Construction -

- Hard coated aluminum casting
- Buna-N gasket
- Stainless steel stem
- Aluminum stem guide
- Stainless steel spring

Model	Size	Weight (lbs.)	A	В
0611V-3040	3" x 4"	3.2	5-1/2"	5-5/8"
0611V-3030	3" x 3"	3.2	5-1/2"	5-5/8"

Model	Size	Weight (lbs.)	A	В
0611V-3040	3" x 4"	3.2	5-1/2"	5-5/8"
0611V-3030	3" x 3"	3.2	5-1/2"	5-5/8"







VAPOR RECOVERY FLAT TOP CAP

Application -

Low profile which extends only 5/8" above the adapter, allows maximum clearance in manhole, and has a total water and vapor seal solution.

Part Number - 0613VC





Only from Universal! - A low profile design which allows for maximum clearance. This compensates for ground heaving and settling. Our cam-action cap produces a water and vapor tight total seal solution. Truly the best in the industry.

Features -

- ✓ Cam-action handle provides a total water and vapor seal solution
- ✓ Non-corrosive polymeric coating
- ✓ Color-coded in "orange" for easy recognition and maintenance
- ✓ Compatible with 0611V Vapor Check Valve Adapter
- ✓ Compatible with E-85

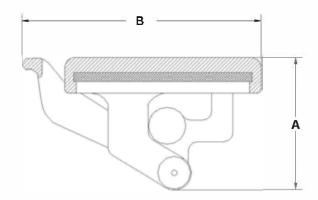
Construction -

- Cast aluminum body
- · Ductile iron cam-action handle
- Buna-N seal

Model	Size	Weight (lbs.)	A	В
0613VC-30	3"	3.6	4"	7-1/2"



Gasket







VAPOR RECOVERY-TOGGLE LEVER CAP

Application -

A lockable toggle-action cap provides a positive uniform seal.

Part Number - 0614VC



Features -

- ✓ Positive uniform seal
- ✓ Non-corrosive polymeric coating
- ✓ Color-coded in "orange" for easy recognition and maintenance
- ✓ Compatible with Universal 0611V adapter
- ✓ Compatible with E-85

Construction -

- · Cast aluminum body
- · Zinc plated steel arms
- · Bronze cam action levers
- · Stainless steel pivot pins
- · Buna-N seal

Model	Size	Weight (lbs.)	Α	В
0614VC-30	ვ"	17	2-7/8"	7"

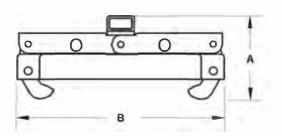
Replacement Parts

Part Numbers Description

731-4-C Gasket



Only from Universal! - The ultimate in quality. Rugged cast aluminum for added strength and long-life durability, unlike competitive companies who use only plastics, which may crack or break under normal use.





DROP TUBES & ACCESSORIES

THE RAG STOPPER

Application -

The Rag Stopper is designed to prevent debris from entering the storage tank during filling. Saves on expensive recurring maintenance fees.

Part Number - RAGSTOPPER



Features -

- ✓ Universally compatible with all 4" fill adapters*
- ✓ All fueling operations remain the same. No fuel restrictions
- ✔ Prevents debris from entering the fuel tank
- ✓ Allows for use of gauge stick
- ✔ Prevents fuel theft by blocking the stinger from entering the tank

Construction -

- Carbon steel body
- · Buna-N Seal



*Does not work with coaxial





TOP SEAL ADAPTERS

Application -

Threads onto the fill pipe by means of internal wrenching lugs. Compatible with Universal 731 and 733 caps.

Part Number - 724



Features -

- ✓ Compatible with Universal 731 and 733 caps
- Rugged and durable casting
- ✓ Compatible with E-85

Construction -

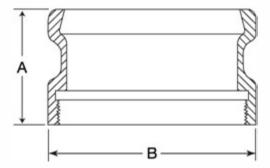
- · Bronze construction
- Buna-N gasket

Model	Cap Size	Pipe Size	Weight (lbs.)	Α	В
724-4040	4"	4"	2.6	2-3/4"	4-7/8"
724-3030	3"	3"	2.0	1-3/4"	3-3/4"
724-3040	3"	4"	2.0	2-1/2"	4-7/8"

Replacement Parts

Part Numbers	Description
724-44-R	Gasket (Models 724)

Notice: Universal Valve Co., products must be used in compliance with applicable federal, state, and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and material to be handled. Universal Valve Co., makes no warranty of fitness for a particular use. All illustrations and specifications in this literature are based on the latest production information available at the time of publication. Prices, materials, and specification are subject to change at any time, and models may be discontinued at any time, in either case, without notice or obligation.



UNIVERSAL VALVE COMPANY

COAXIAL ADAPTERS TOP SEAL

Application -

Threads onto the fill pipe. Includes a set screw to reduce movement on the riser pipe. Compatible with Universal 731 and 733 caps.

Part Number - 724CA



Features -

- ✓ Hard coated aluminum construction for added corrosion protection
- ✓ Compatible with Universal 731 and 733 caps

Construction -

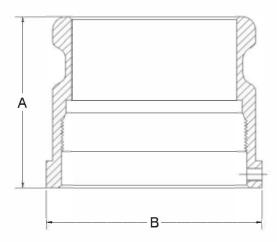
- Hard coated aluminum casting
- · Stainless steel set screw

Model	Size	Weight (lbs.)	A	В
724CA-4040	4" x 4"	1.6	4-1/8"	 5-1/8"



Part Numbers Description

724CA-44-B Set screw (Model 724CA-4040)



ADAPTER WRENCHES

Application -

Used where a wrench is needed to secure or remove a fill, cap, extractor, vapor adapter, tank risers and or turbines

Part Number - 724, 410W, 0611, V423-EXT



Features -

- √ 724-7W removes and installs fill adapters (724, 724A) 1-5/16" socket
- ✓ 0611V-W removes and installs vapor and coaxial adapters (0611V, 724CA)
- ✓ 410W removes and installs extractor fittings and pipe caps (412-40, V423)
- ✓ V423-EXT removes extractor fitting with damaged pins

Construction -

- 0611V-W, 410W and V423-EXT all steel
- · 724-7W Cast Iron

Model	Weight (lbs.)	Height	Width/Diameter
724-7W	2.00	2.50"	6.25"
410W	7.50	52.00"	1.95"
0611V-W	13.00	42.25"	6.37"
V423-EXT	19.00	54"	3"

FILL ADAPTER CAP

Application -

A lockable cap to provide uniform seal.

Part Number - 726



Features -

√ 726-30 compatible with 724-3030 and 724-3040

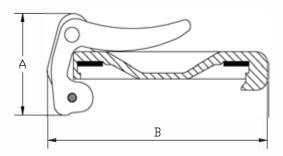
Construction -

- Bronze construction
- Buna-N Gasket

Model	Size	Weight (lbs.)	Α	В
726-30	3"	1.50	2.00"	5.00"

Replacement Parts

Part Numbers	Description	
726-3-C	Gasket	_





TIGHT FILL ACCESSORIES

FLAT TOP CAP TOP SEAL

Application -

Low profile which extends only 5/8" above the adapter, allows maximum clearance in manhole. Provides a total seal.

Part Number - 731



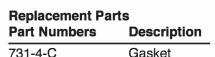
Features -

- ✓ Water and vapor tight cam-action handle
- ✓ Color-coded in "gray" for easy recognition and maintenance
- ✓ Compatible with 724 and 724CA adapters
- ✓ Non-corrosive polymeric coating
- ✓ Compatible with E-85

Construction -

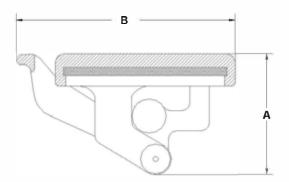
- · All aluminum cast cap
- · Ductile cast iron handle
- · Buna-N Seal

Model	Cap Size	Weight (lbs.)	Α	В
731-40	4"	3.5	4"	7"





Only from Universal - a special low profile design allows for maximum clearance in manhole installations to compensate for ground heaving and settling. Our cam-action cap and handle design combines with the gasket to produce a water and vapor tight total seal solution. Truly the best in the industry.







TIGHT FILL ACCESSORIES

TANK MONITOR CAP AND ADAPTER KITS

Application -

Cap and adapter for leak detection systems. Available with 3/8" or 1/2" thread hole. Kit comes equiped with 731 Flat Top Cap or 733 Toggle Cap, 724 adapter and your choice or cord connectors...The Cap is lockable and the adapter has no lugs for full riser access.

Part Number - 731TMK & 733TMK





Now Available in a Toggle Cap or Heavy Duty Flat Top Cap

Features -

- ✓ Toggle action provides a positive, uniform seal
- ✓ Non-corrosive polymeric coating and aluminum casting
- ✓ Color-coded in "gray" for easy recognition
- ✓ Compatible with E-85

Construction -

- · Cast aluminum
- · Zinc plated steel arms
- · Stainless steel cam-action levers
- · Stainless steel pivot pins
- · Buna-N seal

Model	Description
731TMK-40	TM Cap and Adapter w/3/8" threaded hole and 3/8" Grip Cord Con
731TMK-40-125	TM Cap and Adapter w/3/8" threaded hole and 1/4" Grip Cord Con
731TMK-40-15	TM Cap and Adapter w/1/2" threaded hole and 1/2" Grip Cord Con
733TMK-40-	TM Cap and Adapter w/3/8" threaded hole and 3/8" Grip Cord Con
733TMK-40-125	TM Cap and Adapter w/3/8" threaded hole and 1/4" Grip Cord Con

^{*}Available Cap only 731TM - & 733TM-



TIGHT FILL ACCESSORIES

TOP SEAL/TOGGLE LEVER CAP

Application -

A lockable cap with toggle action to provide a positive uniform seal. Fits all top seal adapters.

Part Number - 733



<u>Features -</u>

- ✓ Toggle action provides a positive, uniform seal
- ✓ Non-corrosive polymeric coating and aluminum casting
- ✓ Color-coded in "gray" for easy recognition
- ✓ Compatible with Universal 724 and 724CA adapters
- ✓ Compatible with E-85

Construction -

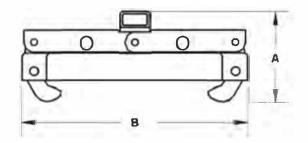
- Cast aluminum
- · Zinc plated steel arms
- · Stainless steel cam-action levers
- · Stainless steel pivot pins
- Buna-N seal

Model	Cap Size	Weight (lbs.)	A	В
733-40	4"	1.7	2-7/8"	7"

Replacement Parts Part Numbers Description 731-4-C Gasket



Only from Universal! - All aluminum cast cap for added strength, long-life and maintenance free use, unlike competitive plastic caps which, may crack under pressure.





LIQUID TIGHT FUEL BOXES

FLUSH MOUNT FILL BOX

Application -

Mounts flush to connect the underground tank fill line to the surface, without a manhole enclosure.







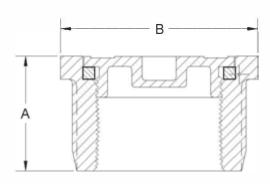
Features -

- ✓ Ideal for fuel, oil, waste oil, and diesel fuel applications
- ✓ Designed to withstand heavy driveway traffic
- ✔ Recommended for applications not requiring security or containment

Construction -

- A threaded bronze cover
- · Heavy duty cast iron body
- · Buna-N gasket

Model	Thread Size	Weight (lbs.)	Α	В
701-20	2"	2.3	2-1/8"	3-5/8"
756	Multi-purpose			
	fill box wrench	2.4		



Replacement Parts

Part Numbers	Description
701-2-B	2" Cap
701-2-C	2" Buna Gasket

PIPE LINE ACCESSORIES

PIPE EXTENSIONS

Application -

Compensates for ground heaving and settling in existing installations. It is recommended for all new installations, to add height to the riser pipe.

Part Number - 1002





A Universal first for over 25 years! Used to compensate for ground heave, eliminating the need to field cut pipe as tank rises.

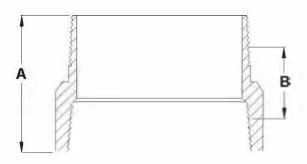
Features -

- ✓ May be used for all adapters
- ✓ Easily retro-fits after installation
- ✓ Eliminates field cut pipe

Construction -

- Cast iron body
- E-Coated

Model	Size	Weight (lbs.)	Α	В
1002S-40	4" x 4"	2.5	2-1/2"	1-3/4"
1002L-40	4" x 4"	3.6	3-1/2"	2-1/2"



DOUBLE POPPET SAFETY VALVES

Application -

Maximum safety in a double-poppet safety valve with two independent seals.

Part Number - 521DP, 522DP





The Safest Safety Valve! Only Universal uses an independent shear section for easy replacement. No need to remove the top poppet as with competitive products. Also, no need to buy an expensive replacement poppet top. This reduces the chance of fire and contamination. This unique three piece design allows for two independent seals which increases safety and reduces future labor and replacement costs.

Features -

- ✔ Pressure relief (upper poppet) to prevent pressure build-up
- ✓ Both poppet and seats are completely independent of the shear section, so when sheared the valve assures a 100% liquid tight seal
- ✓ The single link design provides ease of operation and reduced maintenance
- ✓ An air test port allows line testing without breaking the integrity of the line
- Raised bosses provide secure anchoring
- Optional model 522DP with 2" external male threads for easy connection to secondary containment piping

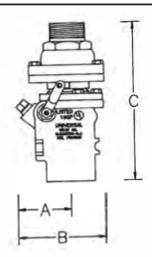
Construction -

- Zinc-plated/ E-Coated cast iron body and top
- · Stainless steel spring, shaft, and reset nut
- · Buna-N seal

DOUBLE POPPET SAFETY VALVES (CONTINUED)

Model	Top Thread	Size	Weight (lbs.)	Α	В	С
521DP-RF-15	Female	1-1/2"	7.0	2-3/4"	4-1/2"	8-1/4"
521DP-RM-15	Male	1-1/2"	7.0	2-3/4"	4-1/2"	8-1/4"
522DP-RF-15	Female	1-1/2"	7.0	2-3/4"	4-1/2"	8-1/4"
522DP-RM-15	Male	1-1/2"	7.0	2-3/4"	4-1/2"	8-1/4"

Should an original Universal Double-Poppet Safety Valve be sheared or its top become damaged, Universal offers replacement tops and shear sections, which can be ordered separately.



Replacement Tops -

Model	Description
521DP-RF-15-C	Female Double Poppet Top
521DP-RM-15-B	Male Double Poppet Top
521DP-SS-15	Double Poppet Shear Section

Accessories -

Universal also offers the model #521KR "Sure Shear"™ U-Clamp Anchor, which conforms to NFPA-30, and <u>assures positive shearing action upon severe impact.</u> It fits all major industry safety valves, and is easy to install in both new and retro-fit applications.

Replacement Parts

Part Numbers	Description
520R-1-2	3/8" Plug
520R-1-8	Body to Top Seal Ring
521R-15-H	Fusible Link
521R-15-I	Reset Nut
521R-5/16-18	5/16" Bolt

SINGLE POPPET SAFETY VALVES

Application -

Maximizes safety, and prevents fuel spillage and fire hazard.

Part Number - 521, 522





Only from Universal! The safest safety valve! The poppet and seat are completely independent of the top shear section, so even with the top off, the valve assures a 100% liquid tight seal.

Features -

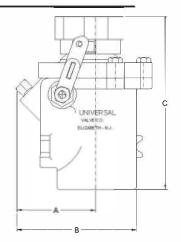
- ✓ A 100% seal
- Unobstructed flow
- ✓ The poppet and seat are completely independent of the top shear section, so even with the top off, the valve assures a 100% liquid tight seal
- The single-link design provides ease of operation and reduced maintenance
- ✓ A stainless steel reset nut eliminates stripping the fusible link during valve reset, reducing downtime by allowing manual reset even under pressure
- ✓ All Universal Safety Valves are protected by zinc plating, assuring maximum corrosion resistance, unlike competitive products that are only painted
- ✓ An air test port allows line testing without breaking the integrity of the line
- Raised bosses provide secure anchoring

Construction -

- · Zinc-plated/ E-Coated cast iron body and top
- · Stainless steel spring and shaft
- · Bun-N seal

SINGLE POPPET SAFETY VALVES (CONTINUED)

Model	Top Thread	Size	Weight (lbs.)	A	В	С
521RFS-15	Female	1-1/2"	5.2	2-3/4"	4-1/2"	6-3/8"
521RMS-15	Male	1-1/2"	5.3	2-3/4"	4-1/2"	6-13/16"
521RUS-15	Union	1-1/2"	6.3	2-3/4"	4-1/2"	7-5/16"
522RFS-15	Female	1-1/2"	5.2	2-3/4"	4-1/2"	6-3/8"
522RMS-15	Male	1-1/2"	5.3	2-3/4"	4-1/2"	6-13/16"
522RUS-15	Union	1-1/2"	6.3	2-3/4"	4-1/2"	7-5/16"



Should an original Universal Safety Valve be sheared, or it's top become damaged, Universal offers replacement tops.

Replacement Tops -

Model	Description
521RF-15-C	Female Single Poppet Top
521RM-15-B	Male Single Poppet Top
521RU-15-D	Single Poppet With 2/3 Union

Replacement Parts

Part Numbers	Description
520R-1-2	3/8" Plug
520R-1-8	Body to Top Seal Ring
521R-15-H	Fusible Link
521R-15-I	Reset Nut
521B-5/16-18	5/16" Bolt



SAFETY VALVES

"SURE-SHEAR" U-CLAMP ANCHOR

Application -

Secures any remote pump safety valve, conforming with NPFA Code 30.

Part Number - 521KR



Only From Universal! A quick, easy and permanent way of mounting a safety valve. Saves time and money in anchoring.

Features -

- ✓ For retro-fit and new installations
- ✓ Eliminates need for expensive pump boxes or stabilizer kits
- Quick, easy and permanent
- ✓ Fits any major safety valve
- ✓ Saves time and money in anchoring
- ✓ Assures positive shearing action during accidental impact
- ✓ A securely anchored valve conforms with NPFA Code-30
- ✓ Compatible with E-85

Construction -

- · Plated steel bolts, U-Clamp and hardware
- · E-Coated cast iron body

Model	Size	Min.	Max.	Weight (lbs.)	Α	В	С	D
521KR-8012	8" - 12"	8"	11-3/4"	4.0	5-1/8"	2-1/8"	1-3/8"	1/2"
521KR-1216	12" - 16"	12"	15-3/4"	4.4	5-1/8"	2-1/8"	1-3/8"	1/2"
521KR-1822	18" - 22"	18"	21-3/4"	5.0	5-1/8"	2-1/8"	1-3/8"	1/2"

Replacement Parts

Part Numbers	Description
521KR-B	U-Bolt
521KR-C1	Bracket Casting
521KR-E-ASST	Assorted Nuts And Washers
521KR-H4	4" Extension Bolt
521KR-H6	6" Extension Bolt
521KR-H9	9" Extension Bolt



ALL NEW FIELD REPLACEMENT SPILL CONTAINER

Application -

The most cost effective solution available today! Now offer your customer the ability to change spill containers without the need to break concrete and close their station waiting for the concrete

to cure. Universal's all new Field Replaceable Spill Containers save you time and money.



FR Shell

Single or Double Wall Manhole

Never Breaking Concrete Again!

<u>Features -</u>

- ✓ Fits Universal single wall and double wall spill containers
- ✓ Available with water-tight and rain-tight lids
- ✓ Optional pump and bracket
- ✓ Optional Stainless Steel single wall spill container

Construction -

· Shell - All metal construction



Designed with the ability to upgrade as regulations change. Install a single wall spill container today and replace it with a double wall container tomorrow. No need to break concrete and incur typical high upgrade costs.



Part Number	Description
FR-70C-1212-SP	5 gallon Field Replaceable single wall slip on spill container
FR-70C-1212-SP-SS	5 gallon Field Replaceable with stainless steel single wall slip on spill container
FR-72-0504-SP	5 gallon Field Replaceable single wall slip on spill container w/ pump
FR-72-0504-SP-SS	5 gallon Field Replaceable with stainless steel single wall slip on spill container w/ pump
FR-69RT-0504	5 gallon Field Replaceable single wall slip on spill container w/pump & w.t. lid
FR-69RT-0504-SS	5 gallon Field Replaceable with stainless steel single wall slip on spill container w/pump & w.t. lid

Replacement Part #	Description
70C-1212-SP-FR	Replacement 5 gallon Field Replaceable single wall slip on spill container
72-0504-SP-FR	Replacement 5 gallon Field Replaceable single wall slip on spill container w/ pump Replacement 5 gallon
69RT-0504-FR	Field Replaceable single wall slip on spill container w/pump & w.t. lid

SPILL CONTAINMENT MANHOLE RING WITH TWO INTERCHANGEABLE COVERS

Application -

Designed to contain spillage during underground tank filling.

Part Number - 69RT & 71CD-SP



- ✓ Interchangeable Covers
- ✓ Gasketed all weather ring takes the abuse of snow plows
- ✓ 4" riser opening
- H-20 load rating
- Available with a flush mount ring
- ✓ V model without drain

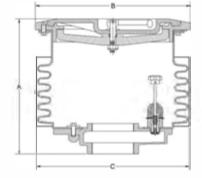
Construction -

- 71CD cover: ductile iron, 69RT cover: cast aluminum
- Cast iron ring
- Cross-linked polyethylene bellows
- · Plastic gravel shield
- Cast iron base

Model	Gallon Capacity	Weight (lbs.)	A	В	С
69RT-1212	5	55.5	15"	15-1/2"	15-1/2"
69RT-1212-FM	5	55.5	15"	15-1/2"	15-1/2"
71CD-1212-SP	5	55.5	15"	15-1/2"	15-1/2"
69RT-1212-V	5	55.5	15"	15-1/2"	15-1/2"
69RT-1212-FM-V	5	55.5	15"	15-1/2"	15-1/2"
71CD-1212-V-SP	5	55.5	15"	15-1/2"	15-1/2"



Only from Universal! - Change covers as your needs change. Both the #69RT and #71CD-SP covers have a water-resistant seal. The 69RT features a cam action cover that pulls down on the seal for added protection. Both units also feature a cast iron base, (not plastic), that eliminates cross threading. The flexible bellows are fastened to the base with 8 bolts to eliminate the possibility of separation during ground shifts, which is associated with other containment manholes.



Replacement Parts

Part Numbers	Description	Part Numbers	Description
69RT-CO	Raintight Cover	70CD-12-DA	Drain Valve Assembly
71-12-14	All Weather Cover(SP)	70CD-12-L	Knob
70CD-12-15	Drain Valve Screen	71DW-04	Valve Plug



RUGGED ALL METAL BODY

Application -

Rugged all metal body prevents environmental contamination.

Part Number - 70C







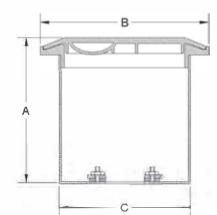
70C-1212-SP-SS

Features -

- ✓ All cast water-shedding cover prevents entrance of water into the spill container, and is easy to open
- ✓ Flexible seal allows both vertical and angular movement for easy installation
- ✓ All metal body for maximum strength
- ✔ Polymeric coating throughout the body to fight corrosion
- ✓ Available in 5 gallon capacity
- ✓ Available with all weather ring and cover (70C-1212-SP)
- ✓ H-20 load rating
- ✓ Compatible with E-85

Construction -

- · Ductile cast iron cover
- · Cast iron ring
- All metal body
- · Available with Stainless Steel body



Model	Size	Gallon Capacity	Riser Opening	Weight (lbs.)	Α	В	С
70C-1212	12" x 12"	5	4"	55.5	13-1/4"	15-5/8"	12-1/4"
70C-1212-SP	12" x 12"	5	4"	55.5	13-1/4"	15-5/8"	12-1/4"
70C-1212-SP-SS	12" x 12"	5	4"	55.5	13-1/4"	15-5/8"	12-1/4"

Replacement Parts

Part Numbers	Description	Part Numbers	Description
70C-12-A	Tank only	71-12-14	All Weather Cover (SP)
70C-12-A-SP	All Weather Tank only (SP)	70C-12-H	Bottom Gasket
70C-12CO	12" Cover	70C-12-I	Retaining Ring
70C-12-K	Hardware Kit		

OEF

DEF UST SPILL CONTAINMENT MANHOLES

STAINLESS STEEL BODY

Application -

Rugged stainless steel body prevents environmental contamination when filling DEF in an UST,

Part Number - 70C-DEF

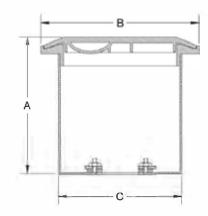


Features -

- ✓ Flexible seal allows both vertical and angular movement for easy installation
- Stainless Steel body for maximum strength
- ✓ Available with water tight cover model 69C
- ✓ H-20 load rating
- Compatible with DEF

Construction -

- Ductile cast iron cover (70C) Aluminum (69C)
- Cast iron ring
- · Stainless Steel body



Model	Size	Gallon Capacity	Riser Opening		A	В	С
70C-1212-SP-DEF	12" x 12"	5	4"	55.5	13-1/4"	15-5/8"	12-1/4"
69C-1212-SP-DEF	12" x 12"	5	4"	55.5	13-1/4"	15-5/8"	12-1/4"

Replacement Parts

Part Numbers	Description					
70C-12-K-SS	Hardware Kit					
71-12-14	All Weather Cover (SP)					
70C-12-H	Bottom Gasket					
70C-12-I-SS	Retaining Ring					
69RT-CO	Water-tight Cover					

RUGGED ALL METAL BODY WITH DRAIN

Application -

Rugged all metal body prevents environmental contamination. Drain valve allows any spillage back into the tank.

Part Number - 70CD





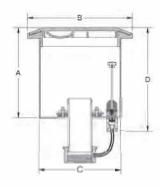
Features -

- ✓ All cast water-shedding cover prevents entrance of water into the spill container, and is easy to open
- ✓ Flexible seal allows both vertical and angular movement for easy installation
- ✓ All metal body for maximum strength
- ✓ Polymeric coating throughout the body to fight corrosion
- Available in 5 gallon capacity
- Available with all weather ring and cover (70CD-1212-SP)
- ✓ H-20 load rating
- ✓ External drain hose
- ✓ Threads on to 4" riser

Construction -

- Ductile cast iron cove
- All Metal Body
- Cast iron ring

Model	Size	Gallon Capacity	Riser Opening	Weight (lbs.)	A	В	С	D
70CD-1212 70CD-1212-SP	12" x 12" 12" x 12"	5 5	4" 4"	55.5 55.5	13-1/4" 13-1/4"			14" 14"



Replacement Parts

Part Numbers	Description	Part Numbers	Description
70C-12CO	12" Cover	70CD-12-DA	Drain Valve Assembly
70CD-12-10	Jic Fitting	70CD-12-L	Drain Valve Knob
70CD-12-15	Drain Valve Screen	71-12-14	All Weather Cover (SP)
70CD-12-5	4" x 12" Nipple	70C-12-K	Hardware Kit
70CD-12-9	Flexible Drain	70C-12-H	Bottom Gasket
70CD-12-A	Tank only	70C-12-I	Retaining Ring
70CD-12-A-SP	All Weather Tank only (SP)		

INTERNAL DRAIN

Application -

Designed to contain spillage during underground tank filling.

<u>Part Number - 71CD</u>



Features -

- ✓ An internal drain design without external connections
- ✓ All cast iron ring for maximum strength
- ✓ A special water shedding cover design
- Cross threading and stripping eliminated by a cast iron base
- Easy open off-set handle grip
- ✓ Threads onto 4" riser
- ✓ H-20 rating
- ✔ Plastic guard keeps gravel away from bellows
- ✓ V model without drain

Construction -

- · Polyethylene bellows
- · Cast iron bottom ring
- · Ductile cast iron cover

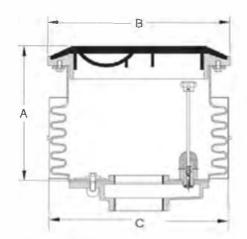
Model	Gallon Capacity	Weight (lbs.)	A	В	С
71CD-1212	5	44	15"	15-1/2"	15-1/2"
71CD-1212-V	5	44	15"	15-1/2"	15-1/2"

Replacement Parts

Part Numbers	Description	
70C-12CO	12" Cover	
70CD-12-14	Ring only	
70CD-12-15	Drain Valve Screen	
70CD-12-DA	Drain Valve Assembly	
70CD-12-L	Drain Valve Knob	
71DW-04	Drain Valve Plug	
71-12-14	All Weather Cover (SP)	
71-12-15	All Weather Ring (SP)	



Only from Universal! - A special flexible bellows allows both vertical and angular movement for easy installation. A rugged cast iron base, not plastic like competitive products, eliminates any chance of cross threading. A cast iron base also eliminates any possibility of isolating the upper riser, and creating a static collector.







BELOW GRADE MANHOLES

RUGGED ALL METAL BODY

Application -

All metal spill container for below grade applications

Part Number - 71SC



Features -

- Slip on model: Flexible seal allows both vertical and angular movement for easy installation
- ✓ Thread on model: available with a drain or hand pump
- ✓ All models available in carbon or stainless steel
- ✓ Available in 5 gallon capacity
- ✓ Stainless steel compatible with all fuels

Construction -

- Srainless Steel
- · Carbon Steel

Part Number	Description
71SCD-1212	Thread on w/Drain 5 gal. Carbon steel no ring/no cover
71SCP-1212	Thread on w/Pump 5 gal. Carbon steel no ring/no cover
71SCD-1212-SS	Thread on w/Drain 5 gal. Stainless steel no ring/no cover
71SCP-1212-SS	Thread on w/Pump 5 gal. Stainless steel no ring/no cover
72SC-1212-SS	Slip on w/Pump 5 gal 4" riser Stainless steel no ring/no cover

Model	Gallon Capacity	Riser Opening	Weight (Ibs)	Height	Width	
71SCD-1212	5	4"	19	16"	12"	
71SCP-1212	5	4"	19	16"	12"	
71SCD-1212-SS	5	4"	19	16"	12"	
71SCP-1212-SS	5	4"	19	16"	12"	
72SC-1212-SS	5	4"	19	16"	12"	

Replacement Parts	Description
70C-12-K	Hardware Kit (Ring, Gasket and 8 nuts)
70CD-12-DA	Drain Valve Assembly
72-PUMP	Pump
72-0504-C	Pump Bracket
71DW-04	Drain Valve Plug



RUGGED ALL METAL BODY WITH HAND PUMP



Application -

Rugged all metal body prevents environmental contamination. Hand pump allows water to be removed from the containment manhole, and fuel can be pumped into the product riser.

Part Number - 72





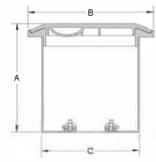
Features -

- Hand pump allows water to be removed from the containment manhole, and fuel can be pumped into the product riser.
- All cast water-shedding cover prevents entrance of water into the spill container, and is easy to open
- Flexible seal allows both vertical and angular movement for easy installation
- ✓ All metal body for maximum strength
- ✓ Polymeric coating throughout the body to fight corrosion
- ✓ We supply 5 and 15 gallon capacities
- ✓ Available with all weather ring and cover (72-0504-SP)
- ✓ H-20 load rating
- ✓ Compatible with E-85

Construction -

Ductile cast iron cover
 Cast iron ring
 All metal body
 Available with stainless steel body

Model	Size	Gallon Capacity	Riser Opening	Weight (lbs.)	A	В	С
72-0504	12" x 12"	5	4"	55.5	13-1/4"	15-5/8"	12-1/4"
72-0504-SP	12" x 12"	5	4"	55.5	13-1/4"	15-5/8"	12-1/4"
72-1618	16" x 18"	15	4"	75	18-1/4"	18-1/8"	16"
72-0504-SP-SS	12" x 12"	5	4"	55.5	13-1/4"	15-5/8"	12-1/4"



Replacement Parts

Part Numbers	Description	Part Numbers	Description
70C-12-A	Tank only (5 gallon)	71-12-14	All Weather Cover (SP)
70C-12-A-SP	All Weather Tank	72-0504-C	Pump Bracket
	(SP) (5 gallon)	72-1618-A	Tank only (15 gallon)
70C-12CO	12" Cover	72-PUMP	Pump
70C-12-K	Hardware Kit		•



AST INTERNAL DRAIN

Application -

Above ground applications designed to contain fuel spillage during tank filling.

Part Number - 76CD



Features -

✓ An internal drain design, no external connections

✓ All steel construction and polymeric coating provide added protection

A lightweight watershed cover is lockable for added security

7 gallon capacity

- Low profile design
- ✓ Threads onto a 4" riser
- V model without drain

Construction -

- All steel construction with epoxy coating
- · Non-corrosive polymeric coating
- · Brass drain valve

В	С	
8-1/4"	12"	

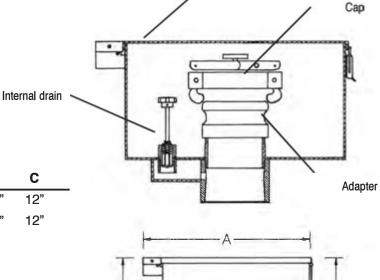
Gallon Model Capacity Weight (lbs.) 76CD-1608 20" 32 76CD-1608-V 20" 7 32 8-1/4" 12"

Replacement Parts

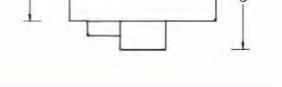
Part Numbers	Description
70CD-12-15	Screen

70CD-12-DA Drain Valve Assembly 70CD-12-L Knob for Drain Valve

76-A Tank



Low profile design





OVERFILL PROTECTION

AST 31/2 GALLON CONTAINMENT

Application -

Above ground applications designed to contain fuel spillage during tank filling.

Part Number - 76





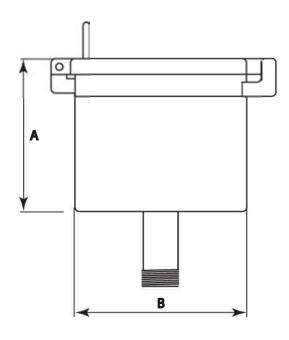
Features -

- All steel construction and polymeric coating providing added protection
- A lightweight watershed cover is lockable for added security
- ✓ 3-1/2 gallon capacity
- ✓ Low profile design
- ✓ Threads into 2" NPT opening
- ✓ Internal and external 2" male coupling
- ✓ Compatible with E-85

Construction -

- · All steel construction with epoxy coating
- · Non-corrosive polymeric coating

Model#	Gallon Capacity	Weight (lbs.)	Α	В
76-35M	3-1/2	11	10.5"	11.5"
76-35MS	3-1/2	11	6"	13"





ABOVE GROUND MANHOLES

REMOTE FILL/LOCKING FILL BOX

Application -

AST remote fill requirements.

Part Number - 76RF





Only from Universal! - A superior single post design allows for easy adjustment during installation. A round top structure eliminates snow and rain build-up.

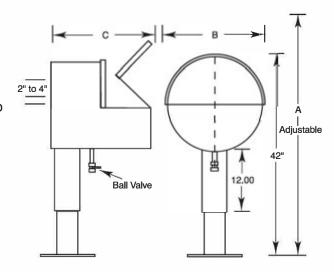
Features -

- Single pedestal design with one telescoping pipe allows for proper height adjustment
- ✓ Fast installation
- ✔ Round top structure, eliminates all snow and rain build-up
- Easy draining, with the round contour bottom to eliminate any liquid build-up
- ✓ All steel construction, for rugged strength and security
- Locking cover, provides security at tank to assure no unauthorized entry
- ✓ Epoxy coating resists hydrocarbons for long life
- ✓ Compatible with E-85

Construction -

- Epoxy coated 12 gauge steel container
- Buna-N seal

Model	Pipe	Gallon Capacity		A	В	С
76RF-02	2"	8	72	42" to 52"	17"	18"
76RF-03	3"	8	72	42" to 52"	17"	18"
76RF-04	4"	8	72	42" to 52"	17"	18"



Replacement Parts

Part Numbers	Description
76RF-08	4" Grommet
76RF-12	3/4" Ball valve
76RF-2-G	2" Grommet Kit
76RF-3-G	3" Grommet Kit
76RF-A	Tank and base only
6000-1-16	Handle

BELOW GRADE MANHOLES

NEVER-SINK MANHOLE

Application -

Prevents nozzle connection problems associated with settling of all competitive below-grade manholes.

Part Number - 146PL



Adjustable Bolts

Only from Universal! Non-settling Never-Sink Manholes. No problem with bellows collapsing unlike competitive products.

Features -

- Eliminates bellows collapsing
- Maintains correct spacing between upper and lower covers
- Ring locks into concrete
- Adjustable height allows easy installation and maintenance without styrofoam spacers
- No extension required
- ✓ Available in 5 gallon
- ✓ 4" riser opening
- ✓ H-20 load rating
- ✓ V model without drain

146PL-1212

Below Grade

Construction -

- Cast iron ring
- Cross-linked polyethylene bellows
- · Plastic gravel shield
- Cast iron base

Model	Gallon Capacity	Weight (lbs.)	Α	В	С
146PL-1212	5	122.0	16"	22"	17-1/2"
146BG-1212 W	/ithout 18" Mar	nhole			
146PL-1212-V	5	122.0	16"	22"	17-1/2"
146BG-1212-V	Without 18" N	lanhole			

Replacement Pa	rts	Replacement Pa	rts
Part Numbers	Description	Part Numbers	Description
146PL-11	1/2" Hex Bolt	70CD-12-DA	Drain Valve Assembly
146PL-13	1/2" Hex Nut	88-18-A1	18" Grade Level Diamond Plate Cover
146PL-CO	Below Grade Cover		

ROUND STANDARD "FINGER GRIP"

Application -

A wide variety of service station, commercial, and industrial applications. Provides access to underground equipment. Recommended for high-traffic applications where maximum manhole strength is required.

Part Number - 60



Finger Grip Cover

Only Universal provides convenient "finger-grip" for easy cover removal. Galvanized steel skirt provides many years of service at no extra cost.

Features -

- Rugged cast iron cover and ring for maximum strength
- ✓ Wide range of sizes
- ✓ H-20 load rating
- ✓ Custom skirt lengths available

Construction -

- Cast iron ring and cover
- · 18 gauge galvanized steel skirt

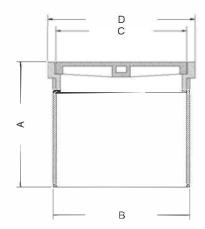
Model	Size	Weight (lbs.)	A	В	С	D
60-8075	8" x 7-1/2"	11.3	6-3/4"	8-1/4"	8"	9-1/4"
60-8012	8" x 12"	13.2	13"	8-1/4"	8"	9-1/4"
60-1280	12" x 8"	25	7-1/4"	13-7/8"	12"	13-7/8"
60-1212	12" x 12"	27	13"	13-7/8"	12"	13-7/8"

Replacement Parts

Part Numbers

1300-246	Pop Rivet
60-12-A5	12" Ring only
60-12-B5	12" Cover only
60-12-C3	12" x 6" Skirt
60-8-A3	8" Ring only
60-8-B3	8" Cover only
60-8-C3	8" x 6" Skirt
65-12-C2	12" x 12" Skirt
65-8-C1	8" x 12" Skirt

Description



MONITORING WELL MANHOLES

ROUND NON-BOLTED

Application -

Monitoring well applications where limited access is not needed. Simple and economical. Has a cast iron ring and cover marked "monitoring well"

Part Number - 60MW





Only Universal provides a galvanized steel skirt, providing rust-free, long-life performance at no extra cost.

Features -

- ✓ Clearly marked rugged cast iron covers and rings with "Monitoring Well" designation, in accordance with API-RP-1615
- ✓ Remove cover with easy-open slots
- ✓ Carries H-20 load rating
- ✓ Custom skirt lengths available

Construction -

- · Cast iron cover and ring
- · Polymeric coating
- 18 gauge galvanized steel skirt

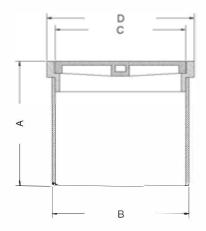
Model	Size	Weight (lbs.)	Α	В	С	D
60MW-1280	12" x 8"	25	7-1/2"	12-1/4"	12"	13-7/8"
60MW-1212	12" x 12"	26	13-1/8"	12-1/4"	12"	13-7/8"

Replacement Parts

Part Numbers

T urt Humbero	Decemption
1300-246	Pop Rivet
60-12-A5	12" Ring only
60-12-C3	12" x 6" Skirt
60MW-12-B3	12" MW Cover only
65-12-C2	12" x 12" Skirt

Description



MONITORING MANHOLES

TRIANGULAR MANHOLE BOLTED

Application -

Monitoring well applications where limited access is needed. Triangular design identifies monitoring well from a standard fill manhole.

Part Number - 65TE



This triangle design, which is the API symbol for monitoring wells (API 1615), clearly and visually eliminates tank truck personnel from mistaking the manhole as a standard fill.

Only from Universal, the most distinctive monitoring well manhole used by major oils around the world. Specify for monitoring well applications.

Features -

- ✓ Heavy duty, flush mounted bolts for limited access
- ✓ No other cover will fit the ring
- Gasketed cover protects the well from contamination after station wash-down or rainfall
- H-20 load rating

Construction -

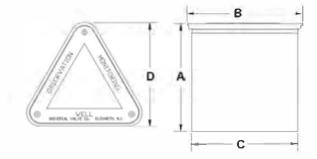
- Cast iron cover and ring
- · Galvanized steel skirt
- · Stainless steel bolts

Model	Weight (lbs.)	A	В	С	D
65TE-12	2 50	18-5/8"	20-1/2"	19-1/4"	17-3/4"

Replacement Parts

Doub Musesbous

Part Numbers	Description	
65TE-12-B1	12" Triangle Cover only	
65TE-BT	Bolt	
65TE-12-A1	12" Ring only	
65TE-12-C	12" Triangle Skirt only	



NITORING WELL MANHOLES

ROUND CAST BOLTED MANHOLE

Application -

Applications where limited access and maximum security is needed.





Only from Universal! - Raised triangle monitoring well designation. Clearly marked cast iron cover with monitoring well designation in accordance with API -RP-1615.

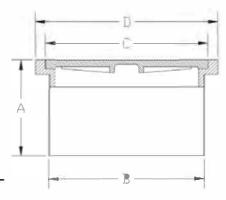
Features -

- ✓ White polymeric coated cover for non-corrosion
- 2 flush-mount stainless steel bolts for added security and limited access
- Gasketed for water and contamination protection
- Carries H-20 load rating

Construction -

- Cast iron cover and ring
- Galvanized steel skirt
- Buna-N gasket
- · 2 flush mount stainless steel bolts · Heavy-duty cast iron ring and cover
 - Polymeric coating

Model	Size	Weight (lbs.)	A	В	С	D
65-8075-WC	8" x 7-1/2"	11.4	6-3/4"	8-1/4"	8-3/8"	9-1/2"
65-8012-WC	8" x 12"	16.5	13-3/8"	8-1/4"	8-3/8"	9-1/2"
65-1212-WC	12" x 12"	30.5	13-3/8"	12-1/4"	12-3/8"	13-1/2"
65-1280-WC	12" x 8"	26.5	7-1/4"	12-1/4"	12-3/8"	13-1/2"



Replacement Parts

Part Numbers	Description	Part Numbers	Description	
1300-246	Pop Rivet	65-12-D	12" Gasket	
60-12-C3	12" x 6" Skirt	65-8012-A1	8" Ring only	
60-8-C3	8" x 6" Skirt	65-8012-CO	8" Cover only	
65-1212-A2	12" Ring only	65-8-C1	8" x 12" Skirt	
65-1212-CO	12" Cover only	65-8-G	8" Gasket	
65-12-C2	12" x 12" Skirt	65-BT	Bolt	





SQUARE STANDARD OR SQUARE RAIN TIGHT

Application -

Providing access to a wide variety of service station, commercial, and industrial applications. Can also be used for tank gauging and submersible pump installations.

Part Number - 67 (Non-Bolted) and 77 (Bolted)





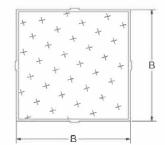
Only from Universal! - For cost efficiency, we pre-assemble all square manholes, to offer rugged "ready to use" convenience in place of knock down styles which have to be assembled at jobsite. No downtime!

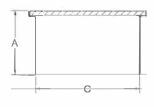
Features -

- ✓ Pre-assembled convenience
- ✓ No assembly at site required
- Cost efficient
- ✓ H-20 Load rating
- ✓ Compatible with E-85

Construction -

- 3/8" steel diamond plate cover
- · 16 gauge galvanized steel skirt with 9" depth
- · Buna-N gaskets on model 77
- · 4 hex head flush mount bolts on model 77





Model	Size	Weight (lbs.)	Α	В	С
67-161610	16" x 16" x 10"	36.12	10"	16-1/4"	14-3/4"
67-242410	24" x 24" x 10"	78.5	10"	24-1/4"	22-3/4"
77-242410	24" x 24" x 10"	80.0	10"	24-1/4"	22-3/4"

Replacement Parts

Part Numbers	Description
67-161610-C	16" Square Skirt
67-1616-C	16" Square Cover
67-242410-C	24" Square Skirt
67-2424-C	24" Square Cover
78-BT	Bolt (Model 77)



ROUND STANDARD

Application -

A wide variety of service station, commercial and industrial applications. Provides access to underground equipment. Recommended for high-traffic applications where maximum manhole strength is required.

Part Number - 68



<u>Features -</u>

- Convenient handle lies "flush" with the surface to eliminate tripping accidents and obstruction
- ✓ Welded and reinforced for maximum strength and longevity
- Patented bottom flair locks in concrete
- ✓ H-20 Load rating
- ✓ Compatible with E-85

Construction -

- Fabricated steel ring
- · Buna-N gaskets
- Steel diamond plate cover 12 gauge galvanized skirts*

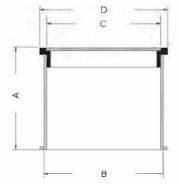
Model	Size	Weight (lbs.)	Α	В	С	D	Thickness
68-2410	24" x 10"	95	10"	22-1/4"	23-11/16"	26"	3/8"
68-3010	30" x 10"	133	10"	28-1/4"	29-11/16"	32"	1/2"
68-3610	36" x 10"	185	10"	34-1/4"	35-11/16"	38"	1/2"
68-3810	38" x 10"	210	10"	38"	39-1/2"	41"	1/2"
68-4210	42" x 10"	235	10"	40-1/4"	41-11/16"	44"	1/2"
68-4810	48" x 10"	313	10"	46-1/4"	47-11/16"	50"	1/2"

^{*}Custom Skirt Length Available. Call Customer Service for Details.

UNIVERSAL Advances

Only from Universal - Our galvanized skirts offer superior rust protection over industry style "painted only" skirts. A bottom concrete lock and anti deformation lip is standard on all 68 and 78 series. Eliminates any loading onto the sump and tank caused by interference. Better cover thickness for maximum strength. All of our 30" and 36" covers have a full 1/2" cover thickness, while industry uses only 3/8".

Cover



Replacement Parts

Part Numbers	Description	Part Numbers	Description
68-2410-WOC	24" Ring and Skirt	88-24-A1	24" Diamond Plate Cover
68-3010-WOC	30" Ring and Skirt	88-30-A1	30" Diamond Plate Cover
68-3610-WOC	36" Ring and Skirt	88-36-A1	36" Diamond Plate Cover
68-3810-WOC	38" Ring and Skirt	88-38-A1	38" Diamond Plate Cover
68-4210-WOC	42" Ring and Skirt	88-42-A1	42" Diamond Plate Cover
68-4810-WOC	48" Ring and Skirt	88-48-A1	48" Diamond Plate Cover



ROUND RAIN-TIGHT GASKETED MANHOLES

Application -

A wide variety of service station, commercial, and industrial applications. Provides access to underground equipment. Recommended for high-traffic applications where manhole strength is required.

Part Number - 78



Features -

- ✓ Gasketed, bolted cover for total rain-tight service
- Convenient handle lies "flush" with the surface to eliminate tripping accidents and obstruction
- ✓ Welded and reinforced for maximum strength and longevity
- ✓ Rugged cast-iron for maximum strength
- ✓ Patented bottom flair locks in concrete
- H-20 Load rating
- ✓ Compatible with E-85

UNIVERSALL

Our galvanized skirts offer superior rust protection over industry style "painted only" skirts. A bottom concrete lock and anti deformation lip is standard on all 68 and 78 series. Eliminates any loading onto the sump and tank caused by interference.

Better cover thickness for maximum strength.

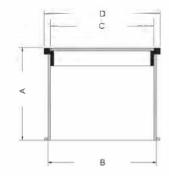
All of our 30" and 36" covers have a full 1/2" cover thickness, while industry uses only 3/8".

Universal manhole covers never bend or wobble.

Construction -

- · Fabricated steel ring
- · Buna-N gaskets
- Steel diamond plate cover
 12 gauge galvanized skirts

Model	Size	Weight (lbs.)	Α	В	С	D	Thickness
78-2410	24" x 10"	98	10"	22-1/4"	23-11/16"	26"	3/8"
78-3010	30" x 10"	142	10"	28-1/4"	29-11/16"	32"	1/2"
78-3610	36" x 10"	188	10"	34-1/4"	35-11/16"	38"	1/2"
78-3810	38" x 10"	216	10"	38"	39-1/2"	41"	1/2"
78-4210	42" x 10"	240	10"	40-1/4"	41-11/16"	44"	1/2"
78-4810	48" x 10"	313	10"	46-1/4"	47-11/16"	50"	1/2"



Replacement Parts

Part Numbers	Description	Part Numbers	Description
78-2410-WOC	24" Bolt Down Ring and skirt	88-24-A1	24" Diamond Plate Cover
78-3010-WOC	30" Bolt Down Ring and skirt	88-30-A1	30" Diamond Plate Cover
78-3610-WOC	36" Bolt Down Ring and skirt	88-36-A1	36" Diamond Plate Cover
78-4210-WOC	42" Bolt Down Ring and skirt	88-38-A1	38" Diamond Plate Cover
78-4810-WOC	48" Bolt Down Ring and skirt	88-42-A1	42" Diamond Plate Cover
78-BT	Bolt (Model 78)	88-48-A1	48" Diamond Plate Cover
78-GASKET	Gasket Tape		



MANHOLES

MULTI-ACCESS MANHOLES

Application -

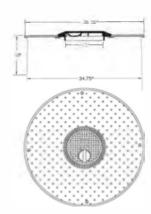
Utilized to access the fuel riser without removing the large, heavy manhole cover. Removal of the large cover allows access to the containment sump.

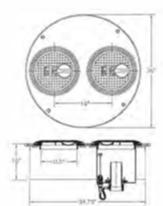
Part Number - 78DA, 78TA & 78QA



Features -

- Available in dual, triple and quad access
- Available with or without spill containment manhole
- H-20 load rating
- Gasketed, bolted cover, with 4 flush mount bolts





- ✓ Heavy duty thicker cover
- Heavy duty fabricated steel ring
- Available 36", 38", 42" and 48"

Construction -

Diamond plate steel cover
 12 gauge galvanized steel skirt
 Fabricated steel ring

Dual Triple and Quad Access Manholes:

78

Options:

DA= Dual Access

TA= Triple Access

QA= Quad Access

Options:

(Triple and Quad Access Pick 2)

2 = Ring and Cover Access only

3 = Spill container 70C-1212-SP

4 = Spill containment 70CD-1212-SP

5 = Spill containment 72-0504-SP-SS

6 = Below grade spill containment 71SCD-1212

7 = Below grade spill containment 71SCP-1212

8 = Below grade spill containment 71SCD-1212-SS

9 = Below grade spill containment 71SCP-1212-SS

10 = 8" Access only inspection port

only De

36", 38", 42" and 48"

Designates diameter

of manhole

Options:

Options:

10", 18" and 24"

Designates height of the skirt

-10" standard

Example: 78DA2-3610 Dual Access with ring and cover 36" diameter & 10" Skirt

78TA23-3818 Triple Access with ring and cover, 70c spill container, 38" diameter and 18" skirt



MULTI-PURPOSE MANHOLES

Application -

A wide variety of service station, commercial, and industrial applications. Provides access to underground equipment. Recommended for high-traffic applications, where maximum manhole strength is required.

Part Number - 98(bolted) and 88(non-bolted)



Features -

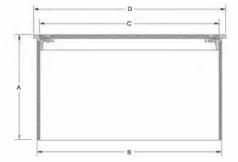
- ✓ Gasketed, bolted cover for total rain-tight service.
- ✓ Rugged cast ring for maximum strength
- ✓ Carries H-20 load rating requirements
- ✓ Bolted rain-tight cover on 98 model
- ✓ Compatible with E-85

Construction -

- · Cast iron ring
- · Steel diamond plate covers
- Buna-N gaskets on 98 model
- · 18 gauge galvanized steel skirts
- · Bolted cover with 2 flush mount bolts on Model 98



Only from Universal! - Galvanized skirts offer superior rust protection over competitive industry painted skirts.



Cover

Model	Size	Weight (lbs.)	A	В	С	D	Thickness
98-1810	18" x 10"	44.5	11-1/2"	17-1/2"	17-11/16"	19"	3/8"
88-1810	18" x 10"	44.5	11-1/2"	17-1/2"	17-11/16"	19"	3/8"
88-1212	12" x 12"	26.5	13 3/8"	12 1/4"	12 3/4"	13 1/2"	3/8"
98-1212	12" x 12"	26.5	13 3/8"	12 1/4"	12 3/4"	13 1/2"	3/8"

Replacement Parts

ricpiacement i arts						
Part Numbers	Description	Part Numbers	Description			
1300-246	Pop Rivet	88-12-A1	12" Diamond Plate Cover			
65-BT	Bolt	98-12-A1	12" Bolt Down Diamond Plate Cover			
88-1810-WOC	18" Ring and Skirt	88-1212-WOC	12" Ring and Skirt			
88-18-A1	18" Diamond Plate Cover	98-1212-WOC	12" Ring and skirt Bolt Down			
98-1810-WOC	18" Ring and Skirt Bolt Down		-			
98-18-A1	18" Bolt Down Diamond Plate Cover					
98-18-G	18" Gasket (model 98,98MW)					

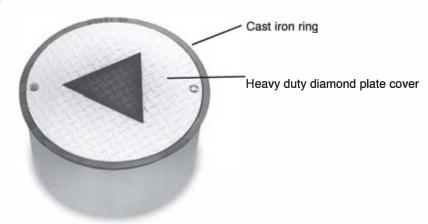
MONITORING MANHOLES

ROUND STEEL BOLTED MANHOLE

Application -

Application where an 18" manhole is required for tank monitors and wells.

Part Number - 98MW



Features -

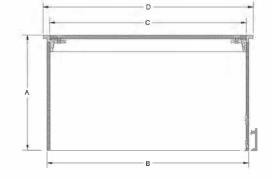
- Cast iron ring for maximum strength
- ✓ Excellent security with flush mounted stainless steel bolts
- ✓ H-20 load rating

Construction -

- · 18 gauge galvanized steel skirt
- · Stainless steel bolts
- 3/8" heavy duty diamond plate steel cover

Description

· Polymeric coating



Model	Size	Weight (lbs.)	Α .	В	С	D	Thickness
98MW-1810	18" x 10"	48	11-1/2"	17-1/2"	17-11/16"	19"	3/8"
98MW-1212	12" x 12"	26.5	13 3/8"	12 1/4"	12 3/4"	13 1/2"	3/8"

Replacement Parts

Part Numbers

1300-246	Pop Rivet
65-BT	Bolt 3/8 - 16 x 1" Stainless Steel
98-1810-WOC	18" Ring and Skirt Bolt Down
98MW-18-CO	18" MW Bolt Down Diamond Plate Cover
98MW-12-A2	12" MW Bolt Down Diamond Plate Cover
98-1212-WOC	12" Ring and Skirt Bolt Down

LIGHT WEIGHT MULTI-PURPOSE MANHOLES

COMPOSITE MANHOLES

Application -

All new composite and resin technology is used to ensure a lightweight and heavy duty manhole. This technology produces a H-25 load rated cover, built to withstand heavier traffic patterns associated with high volume c-stores. Available in 39" and 44" covers and an optional key lift handle. Be sure, be safe, Specify Universal.

Part Number - 108







Optional Keylift Slot

Features -

- ✓ Light weight lid for easy removal
- Domed lid to shed water
- ✓ Anti-slip surface
- ✓ Interchangeable with other manufacturers' lids
- ✓ H-25 and EN-125-C load ratings
- ✓ Replaceable spring loaded recessed handle
- ✓ Patented bottom flare locks in concrete
- ✓ UV Resistant
- ✓ Optional Keylift Slot

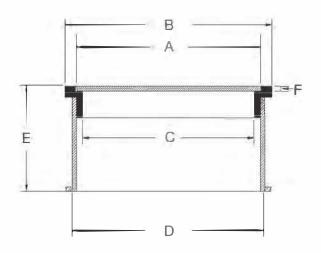
Construction -

- · Composite Lid
- · Galvanized 14 gauge skirt
- · Steel handle
- · Fabricated Steel Ring



LIGHT WEIGHT MULTI-PURPOSE MANHOLES

COMPOSITE MANHOLES





Model	Α	В	С	D	E	F
108-39	39-1/2"	39-3/4"	37-1/2"	38"	11"	1"
108-44	44-1/4"	44-1/2"	42"	43"	11"	1"

Composite Manhole Weights

39" cover only 73 lbs 39" Cover, Ring and skirt 116 lbs 44" cover only 83 lbs 44" Cover, Ring and skirt 136 lbs

Model Number	Description
108-3910	39" Composite Manhole
108-3910-KL	39" Composite Manhole w/ Key lift slot
108RT-3910	39" Rain Tight manhole (bolt down lid)
108RT-3910-KL	39" Rain Tight manhole (bolt down lid) w/ key lift slot
108-4410	44" Composite Manhole
108-4410-KL	44" Composite Manhole w/ Key lift slot
108RT-4410	44" Rain Tight manhole (bolt down lid)
108RT-4410-KL	44" Rain Tight manhole (bolt down lid) w/ key lift slot

Replacement Part Numbers

Model Number	Description
108-39-CO	39" Cover only
108-39-CO-KL	39" Cover only w/ Key lift slot
108-44-CO	44" Cover Only
108-44-CO-KL	44" Cover w/ Key lift slot

Replacement Lids for Competitors' Composite Manholes

39" standard cover will fit OPW/EBW/EMCO/FLEX-ing

44" standard cover will fit OPW/EBW/EMCO/FLEX-ing

IDENTIFICATION MARKERS

CAST MARKER

Application -

Color-coded I.D. with all API specifications for quick identification of underground stored fuel products.

Part Number - 53

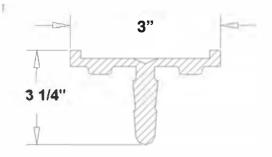


Features -

- Easily set in concrete permanently
- Simply change identification plates as required by underground product storage changes
- All cast aluminum body with anchor ribs for maximum grip in concrete
- ✓ API color-coded identification plates recess into face of body
- Custom wording available. Call factory for details. Model "53-S"

Construction -

- All cast aluminum body
- · Plastic identification plates
- 2 stainless steel screws



Model	Description	Weight (lbs.)	Model	Description	Weight (lbs.)
53-+	+	0.5	53-RU	Regular Unleaded	0.5
53-1	#1	0.5	53-RUE	Regular Unleaded w/Ethane	ol 0.5
53-2	#2	0.5	53-S	Custom Marker	0.5
53-3	#3	0.5	53-SU	Super Unleaded	0.5
53-4	#4	0.5	53-U	Unleaded 0.5	
53-B	Blank	0.5	53-UE	Unleaded w/Ethanol	0.5
53-D	Diesel	0.5	53-UP	Unleaded Plus	0.5
53-DEF	DEF	0.5	53-VR	Vapor Recovery	0.5
53-E85	E85	0.5		•	
53-FO	Fuel Oil	0.5	Replace	ment Parts	
53-K	Kerosene	0.5	Part Nur	nbers Description	
53-M	Midgrade	0.5	53-1-B	Screw For 53 Marker	
53-P	Premium	0.5	53-1C1	Marker Body	
53-PL	Plus	0.5		-	
53-PU	Premium Unleaded	0.5			
53-R	Regular	0.5			

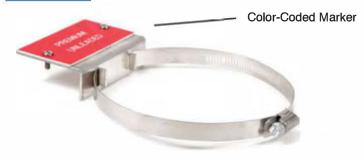
IDENTIFICATION MARKERS

PIPE CLAMP MARKER

Application -

Color-coded identification with all API specifications for quick visual identification of underground stored fuel products

Part Number - 56

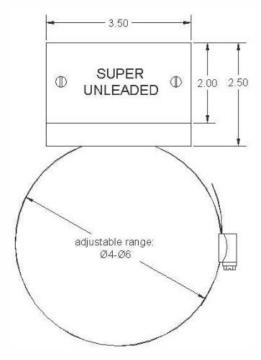


Features -

- Color-coded to API specifications
- ✓ Identification markers may be replaced or changed as needed
- ✓ Easy to install for retro-fit use
- ✓ Available for special applications
- Custom wording available. Call factory for details. Model "56-S"

Construction -

- Stainless steel band
- Aluminum marker tab
- · Plastic identification plate



Model	DescriptionV	Veight (lbs.)	Model	Description	Weight (lbs.)
56-B	Blank	0.5	56-RUE	"Regular Unleaded w/Ethan	ol" 0.5
56-D	Diesel	0.5	56-S	Custom Marker	0.5
56-E	Ethanol	0.5	56-+	"+" Marker	0.5
56-E85	"E85" Pipe Clamp Ma	rker 0.5	56-UE	"Unleaded w/Ethanol"	0.5
56-FO	Fuel Oil	0.5	56-ULT	Ultra	0.5
56-HO	Heating Oil	0.5	56-UP	Unleaded Plus	0.5
56-K	Kerosene	0.5	56-VR	Vapor Recovery	0.5
56-P	Premium	0.5	56-WO	Waste Oil	0.5
56-PU	Premium Unleaded	0.5			
56-R	Regular	0.5	Replacement Parts		
56-SU	Super Unleaded	0.5	Part Numbers Description		
56-U	Unleaded	0.5	56-1-A	Bracket	
56-M	Midgrade	0.5	56-C1	Screw For Marker	
56-MU	Midgrade Unleaded	0.5	56-D1	Band	
56-RU	Regular Unleaded	0.5	ו מ-טכ	Danu	



Custom Marker Tag Ordering Procedure:

- 1. Select 53-S (Round Marker) or 56-S (Rectangle Marker) -See catalog for details
- 2. Please note on your po: selected color from chart below. (Note stripe is the engraving color.)
- 3. Please note on your po: text wanted on marker (the more text the samller the font, we will do our best to fit everything and if we can't, we will let you know!)

For more information or any questions please call 800-223-0741 or e-mail sales@universalvalve.com



DROP TUBES AND ACCESSORIES

STICK PORT FLAPPER

Application -

Protects stick ports from accidental product drops.

Part Number - JH69



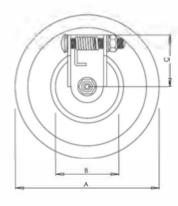
Features -

- ✔ Protects stick port from accidental product drops
- ✓ Works with model 724-4040
- ✓ Decal with large red lettering

Construction -

- Stainless Steel
- Buna-N

Model	Weight (lbs.)	Α	В	C
JH69-4	1.25	4.25"	1.5"	1.5"



ACCESSORIES - TRUCK STOPS

HOSECRADLE

Application -

Holds fueling hose at commercial truck stops in a pre-formed protective cradle to prevent hose collapse and kinking. Along with our 870 & 871 Hose Retriever, the HoseCradle creates a total system. Red with yellow safety harness provides for additional protection.

Part Number - 100HC





A Universal First – popular at all truck stops. It's curvature design <u>prevents</u> hose collapse by controlling how much the hose will bend during use.

Features -

- Extends life of fuel hoses
- ✓ Prevents hose damage
- ✓ Compatible with our #870& #871 hose retriever

Construction -

- Durable polyurethane construction
- · Metal clamps included

Model	Size (Size determined by hose I.D.)	Weight (lbs.)
100HC-100	1" (also fits 3/4" hose)	2.8
100HC-125	1-1/4"	3.25
100HC-150	1-1/2"	3.5
100HC-200	2"	4.0





CCESSORIES - TRUCK STOPS

HOSE RETRIEVER

Application -

Keeping hoses suspended at truck stops and industrial sites. Protects hoses from excessive wear and damage. Prevents tangles and kinking. Reduces injury to customers from tripping accidents.



Features -

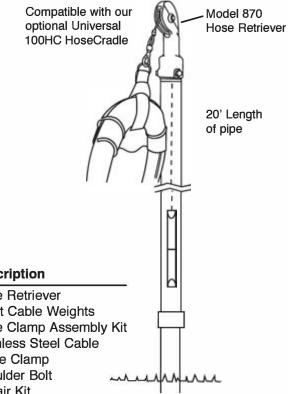
- ✓ Allows safe, easy fueling of trucks
- ✓ Head permits 360° rotation for total service in any direction
- ✓ Installs on a 20' length of 2" pipe
- Rugged cast iron body and weights
- ✓ Compatible with E-85

Construction -

- Cast iron head and body
- Stainless steel cable
- 2-10 lb. counterweights
- 20' of 1/8" aircraft cable
- · 2 adjustable hose clamps
- · Complete set of hardware
- · Pipe not included

UNIA TERSALLA ACTION OF THE PARTY OF THE PAR	

Only from Universal! - The original is still the best! <u>Installed at truck stops for over 50 years</u> - this swivel head permits 360° rotation for easy service in any direction...saving and protecting hose by extending life, and eliminating expensive insurance claims from possible accidents.



Also Availble with HoseCradle. See price sheet for model numbers.

Model	Height	Width	Weight (lbs.)
870	10"	4-1/4"	30

Part Numbers	arts Description	Part Numbers	Description	_
521KR-E	3/8" Nut	870-7-8	Hose Retriever	_
521KR-F	Lock Washer		w/out Cable Weights	4-4
870-7-1A	Weight Assembly	870-7-II	Hose Clamp Assembly	Kit 🕌
870-7-1	Single Weight	870-E	Stainless Steel Cable	
870-7-3	Base	870-F	Cable Clamp	
870-7-4	Pulley	870-M	Shoulder Bolt	muhhum
870-7-6	Ton Housing	870-7-15	Renair Kit	L A



HOSE RETRIEVER

HOSE RETRIEVER

Application -

Protects hoses from excessive wear and damage. Prevents tangles and kinking. Reduces injury to customers from tripping accidents. Equipped with a heavy-duty base eliminating the need to bury a 2" pipe.

Part Number - 871

871-Base + 870 = 871



Features -

- ✓ Eliminates the need to break concrete
- ✓ Head permits 360-degree rotation for total service in any direction
- ✓ Installs on a 2" Pipe up to 10'-6" tall
- Rugged cast iron body and weights
- Equipped with heavy-duty base and side bracket
- ✓ 20 lb. Counterweight
- ✓ Compatible with E-85

Construction -

- · Cast iron head and body
- · Stainless steel cable
- · Steel base

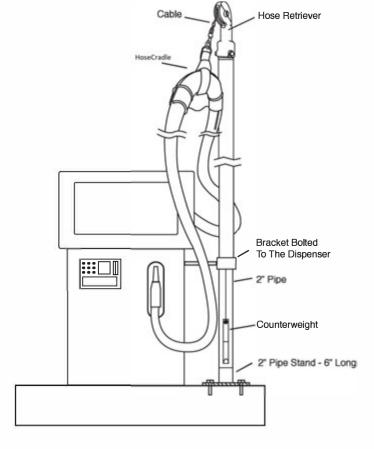
Model Weight (lbs.)

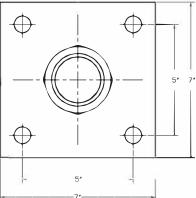
871 30

Replacement Parts

Part Numbers Description

871-BASE Foot Base





⁸⁷¹⁻BRACKET Dispenser Bracket *Also Availble with HoseCradle. See price sheet for model numbers.



OSE RETRIEVER

HOSE RETRACTOR - COUNTERWEIGHT

Application -

Keeping conventional and Stage II vapor recovery coaxial hoses raised to prevent traps in the vapor line. Potential accidents are reduced. Hose life is greatly extended.

Part Number - 880/882









Only from Universal! - Our better looking profile blends in with today's modern dispensers.

3/4" ID Hose

Features -

- ✓ Easy to install and maintain
- Adaptable to most dispensers
- ✓ Corrosion resistant construction
- ✓ Long life with minimum service

Construction -

- Aluminum Post (2"x2") Steel counterweight Plastic bushings Nylon Rope
- Includes both side and bottom mounting brackets

/	Plastic	bushing	minimizes	cable	wear

880 + 1" Clamp

CARB certified

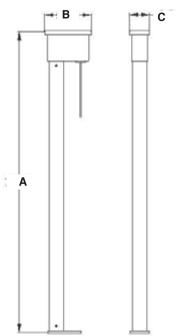
880-CS10

✓ Compatible with E-85

Now Available with Hose Clamps

880-CS34	880 + 3/4" Clamp
880-CS34/10	880 + 3/4" & 1" Clamp
882-CS10	882 + 1" Clamp
882-CS34	882 + 3/4" Clamp
882-CS34/10	882+ 3/4" & 1" Clamp

Model	Weight (lbs.)	A	В	С	Counter Weight
880	29	78-3/4"	5-1/2"	2-1/4	20lbs
882	38	92"	5-1/2"	2-1/4"	27 l bs



Replacement Parts

Part Numbers	Description			
880-5	Cover Pulley	880-MBC	Square Brac	cket
880-8	Bushing	880-WA	Weight Asse	embly (1-1/2" x 1-1/2")
880-8A	Nylon Rope	880-WA-2	Weight Asse	embly (882) (1-3/4" x 1-3/4")
880-A	Body	880-AC	Body Assem	nbly
880-B	Base	880-CA	Cover Asser	mbly
880-C	Cover		Optional Ho	se Clamp Also Sold Separately
			100-CS10	1" ID Hose
*Custom heights and counterweights available. Call for options.			100-CS34	3/4" ID Hose

Notice: Universal Valve Co., products must be used in compliance with applicable federal, state, and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and material to be handled. Universal Valve Co., makes no warranty of fitness for a particular use. All illustrations and specifications in this literature are based on the latest production information available at the time of publication. Prices, materials, and specification are subject to change at any time, and models may be discontinued at any time, in either case, without notice or obligation.

100-CS34



C

STATION CABLE RETRACTOR

CABLE RETRACTOR - COUNTERWEIGHT

Application -

For use with EV Charging stations keeping the charging cord off the ground. Eliminating the drag of the charging cord off the ground helps extend the life of the charging cord.

Part Number - 880/882-CR





Only from Universal! - Our better looking profile blends in with today's modern EV Stations.

Features -

- ✓ Easy to install and maintain
- ✓ Adaptable to most EV Stations
- ✓ Corrosion resistant construction
- ✓ Plastic bushing minimizes cable wear
- ✓ Long life with minimum service

Construction -

- Aluminum Post (2"x2")
- Steel counterweight
- · Plastic bushings
- Nylon Rope
- · Includes both side and bottom mounting brackets

	Weight				Counter
Model	(lbs.)	Α	В	С	Weight
880-CR	21	78-3/4"	5-1/2"	2-1/4	12lbs
882-CR	24	92"	5-1/2"	2-1/4"	13lbs

Replacement Parts

Part Numbers	Description		
880-5	Cover Pulley	880-MBC	Square Bracket
880-8	Bushing	880-WA-CR	Weight Assembly (1-1/2" x 1-1/2")
880-8A	Nylon Rope	880-WA-2-CR	Weight Assembly (882) (1-3/4" x 1-3/4")
880-A	Body	880-AC	Body Assembly
880-B	Base	880-CA	Cover Assembly
990 C	Cover		

^{*}Custom heights and counterweights available. Call for options.

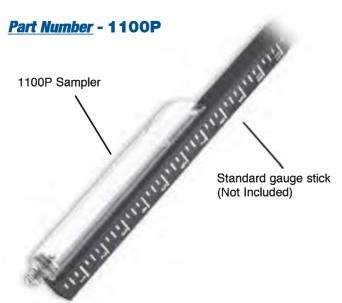
880-C

TANK MONITORING

LIQUID LEVEL GAUGE & SAMPLER

Application -

Monitor and avoid costly build-up problems in storage tanks.





Only from Universal! - Originated by Universal, the <u>easy</u>, inexpensive method to monitor the bottom of storage tanks.

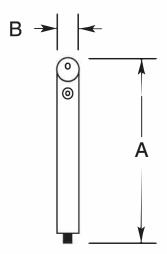
Features -

- Provides an easy method of consistent tank monitoring to prevent costly problems caused by accumulation of any foreign substances or liquids at the bottom of storage tanks
- Allows direct visual inspection
- ✓ The gauge opens on contacting the bottom, easily capturing the product sample
- Allows easy tank sampling for a variety of applications where liquid is used, including the petroleum, chemical, and food handling industries
- Mounts easily on any standard gauge stick

Construction -

- Clear, fuel resistant, high impact plastic tube
- · Complete assembly hardware

Model	Weight (lbs.)	Α	В
1100P	0.2	11-1/2"	1"



MONITORING WELL ACCESSORIES

BAILER

Application -

Allows for top sampling of monitoring wells for quick visual examination.





Features -

- Easy to use
- Accurate direct visual sampling

Construction -

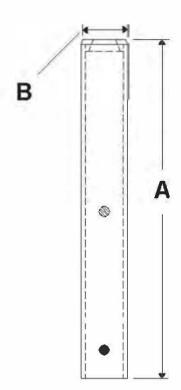
· Clear plastic tube complete with rope

Model	Weight (lbs.)	Α	В
1102	1.9	14-1/2"	2"

Replacement Parts

Part Numbers Description

1102-E Nylon Rope (20ft)





DROP TUBES AND ACCESSORIES

THE DIFFUSION SYSTEM

Application -

Reduces tank turbulence and mixing of product with water in the tank. Eliminates debris from entering the tank. It is a must have in any tank that uses an ethanol blend fuel.



Part Number - 1105-40



UNIA MERSALLA ACTIVITIES ACTIVITI ACTIVITIES ACTIVITIES ACTIVITIES ACTIVITIES ACTIVITIES ACTIVITI ACTIV

<u>Only from Universal</u> - One size fits all 4" UST drop tubes. Dramatically improves tank filling performance. No extra filling time.

Features -

- A must for Ethanol fuels.
- Dramatically reduces the mixing of fuel and water.
- Reduces tank turbulence which lowers amount of vapors and helps prevent false alarms.
- ✓ Improves and extends filter life.
- Designed to install into a 4" drop tube for easy retro-fit. Installs easily in minutes.
- ✓ All fueling operations remain the same.
- ✓ Compatible with E-85

Construction -

- · Steel body covered in epoxy paint
- · Dielectric nylon fastner

Model	Weight (lbs.)	Height	Diameter
1105-40	2.10	16.0625"	3.5"

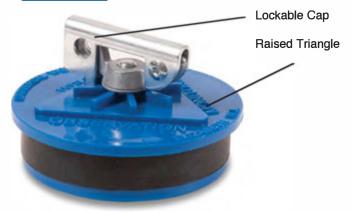
MONITORING WELL ACCESSORIES

LOCKING PIPE PLUG

Application -

Sealing PVC pipe in monitoring well applications. The expandable elastomer seal fits firmly against the pipe walls, holding the plug securely in place.

Part Number - 1300





Only from Universal! - A raised triangle injection molded into the plastic for clear, permanent identification. This unique design also eliminates water from settling on the top of the cap.

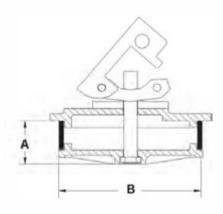
Features -

- Protects against contamination
- ✓ Clearly marked monitoring well designation in accordance with API-RP-1615
- Seal is both water and vapor tight
- Corrosion proof plastic body
- Does not require an adapter
- Accommodates optional locks
- Complies with state and federal regulations
- Plug is blue which signifies a monitoring well
- ✓ Lockable cap

Construction -

- · PVC casing injection molded
- · Hinge assembly all metal
- · Buna-N seal

Model	Size	Weight (lbs.)	Α	В
1300-20	2"	0.2	2-1/8"	2-3/8"
1300-40	4"	0.6	2-5/8"	4-1/2"



SUMP COVER



UNIVERSAL SUMP RETROFIT COVER

Application -

Eliminates leaking polyethylene and fiberglass sump covers without breaking concrete.

Part Number - 1943



- ✓ Installs in minutes
- ✓ Rugged stainless steel ring and cover for maximum strength
- ✓ Mechanical seals insure maximum life and tightness
- ✓ Field Adjustable Clamping device
- ✓ Does not rely on glues or adhesives that deteriorate after 1 year
- ✓ An additional safety monitoring access cover (8") eliminates the need to remove the top cover, saving time and preventing injuries.
- Custom Sizes available.
- ✓ Optional straight sump design hardware available. (Suffux -S)

Construction -

- Stainless Steel
- Aluminum Rails

Model	Range of sump Openings	Inner Manway Id Opening Required	Height	Weight
1943-2128	20.5" to 28.5"	29.5"	3-1/4"	42lbs
1943-2533	25" to 33.5"	34"	3-1/4"	50lbs
1943-2734	27" to 34.75"	34-3/4"	3-1/4"	58lbs
1943-3240	32" to 40"	41"	3-1/4"	65lbs

^{*}Requires 5" or greater from the top of the sump riser to grade level manhole cover. Model 1943-2533 fits most 36" manways.



Only Universal's retrofit cover truly eliminates water leakage. Our DOUBLE SEAL design keeps your sumps completely dry!

> UST Regulations require that all of the components of a UST system be tested for "product tightness"



Replacement Parts

Description
Monitor Cover/Ring Assembly
Replacement Knobs
Turnbuckles
Cross Bars
Tension Block
Gasket
Gasket
Gasket
Gasket
Cover Gasket

SUMP COVER

UNIVERSAL OVAL SUMP RETROFIT COVER

Application -

Eliminates leaking polyethylene and fiberglass sump covers without breaking concrete.

Part Number - 1943-Oval



Features -

- ✓ Installs in minutes
- ✓ Rugged steel ring and cover for maximum strength
- Mechanical seals insure maximum life and tightness
- ✓ Field Adjustable Clamping device
- ✓ Does not rely on glues or adhesives that deteriorate after 1 year
- ✓ An additional safety monitoring access cover (8") eliminates the need to remove the top cover, saving time and preventing injuries.
- Custom Sizes available.
- Optional straight sump design hardware available.

Construction -

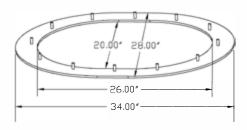
- Steel
- · Epoxy painted

Model	Description
1943-Oval1	Oval Sump Retro-Fit Cover with 8" Monitoring Access Cover
1943-Oval2	Oval Sump Retro-Fit Cover without Monitoring Access Cover
1943-Oval1-S	Oval Sump Retro-Fit Cover with 8" Monitoring Access Cover for Straight Sump Design
1943-Oval2-S	Oval Sump Retro-Fit Cover without Monitoring Access Cover for Straight Sump Design



Only Universal's retrofit cover truly eliminates water leakage. Our **DOUBLE SEAL** design keeps your sumps completely dry!

UST Regulations require that all of the components of a UST system be tested for "product tightness"



Replacement Parts

neplacement Parts			
Part Numbers	Description		
1943-06-WHT	Monitor Cover/Ring Assembly		
1943-PK	Replacement Knobs		
1943-TB	Turnbuckles		
1943-TUBE	Cross Bars		
1943-TenB	Tension Block		
1943-GK	Cover Gasket		
1943-Oval-G	Gasket		



Sump Retro Fit Lid Ordering Form

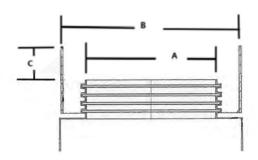
Universal's retrofit cover truly eliminates water leakage. Our DOUBLE SEAL design keeps your sumps completely dry! Quick 1 stop install. No waiting for glues or adhesives to dry overnight!



Take 3 measurements. If you are not sure which kit to use call or email us and we can help you decide which retro fit lid will work best for your application.

- A. Sump opening
- B. Manhole opening
- C. Height from sump opening to grade





- A. Sump opening OD to OD
- B. Manhole opening Smallest opening -typically ID of the ring

Sump	A (sump opening)	B (Manhole opening)	C (Height from sump opening to grade)

Standard size kits (custom lids also available)

Model	Range of sump openings	Inner manway id opening required
1943-2128	20.5" to 28.5"	29.5"
1943-2533	25" to 33.5"	34"
1943-2734	27" to 34.75"	34 3/4"
1943-3240	32" to 40"	41"

Distributor Name:	 	
Contact:	 	
e-mail/Phone #:	 	
Site information / Notes:	 	

E-mail form to $\underline{sales@universalvalve.com} \ or \ Fax \ 908-351-0369$

******Please be sure to include your contact information*****



478 Schiller St. – Elizabeth, NJ 07206 908-351-0606(P) 908-351-0369(F) sales@universalvalve.com

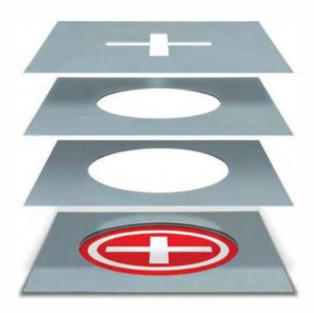
ACCESSORIES RE-USABLE PAINT TEMPLATES

RE-USABLE PAINT TEMPLATES

Application -

Simply place the templates in the order shown and apply paint. Plastic kits include 4 templates (3 circles and 1 cross). Separate diesel template also available. Consult API color chart for correct color selection.

Part Numbers - RM Template



Model	Description
RM-20	20" Circle
RM-22-26	22"+24"+26" Circle Set
RM-Cross-P	Cross Shape
RM-Diesel-P	Plastic Diesel Hexagon Shaped Template
RM-Template-U	Plastic (U) Shaped Template
RM-Template-P	Set of 14"+16"+18" circle and a cross(+)

PIPE GUARDS

U-SHAPE GUARDS

Application -

Pipe guards used to protect property and expensive dispensers from traffic collisions.



Features -

Cost effective property and equipment protection

Construction -

- Schedule 40 pipe
- Primed
- · Available in Stainless Steel (304-SS)

Model	Description (Width is outside pipe dimension)	Weight (lbs.)
1983-353656	U-Shape Pipe Guard 3.5" OD x 36"w x 53"h	70.00
1983-354153	U-Shape Pipe Guard 3.5" OD x 41"w x 51"h	70.00
1983-354850	U-Shape Pipe Guard 3.5" OD x 48"w x 50"h	70.00
1983-403656	U-Shape Pipe Guard 4" OD x 36"w x 56"h	86.00
1983-404153	U-Shape Pipe Guard 4" OD x 41"w x 53"h	86.00
1983-404174	U-Shape Pipe Guard 4" OD x 41"w x 74"h	130.00
1983-404354	U-Shape Pipe Guard 4" OD x 43"w x 54"h	86.00
1983-404851	U-Shape Pipe Guard 4" OD x 48"w x 51"h	86.00
1983-404951	U-Shape Pipe Guard 4" OD x 49"w x 51"h	86.00
1983-404972	U-Shape Pipe Guard 4" OD x 49"w x 72"h	130.00
1983-353656-SS	U-Shape Pipe Guard 3.5" OD x 36"w x 53"h	70.00
1983-354153-SS	U-Shape Pipe Guard 3.5" OD x 41"w x 51"h	70.00
1983-354850-SS	U-Shape Pipe Guard 3.5" OD x 48"w x 50"h	70.00
	Custom Sizes Available	

PIPE GUARDS

U-SHAPE GUARDS WITH BASE PLATES

Application -

Pipe guards used to protect property and expensive dispensers from traffic collisions.

Part Number - 1983-PP



Features -

- Cost effective property and equipment protection
- ✓ Base Plates for easy mounting

Construction -

- Schedule 40 pipe
- Primed
- Available in Stainless Steel (304-SS)

Model	Description (Width is outside pipe dimension)	Weight (lbs)	A	<u>B</u>	C
1983-353636-PP	U-Shape Bumper Guard 3.5" OD x 36" x 36"	70	3.5"	36"	36"
1983-353636-SS-PP	Stainless Steel U-Shape Bumper Guard 3.5" OD x 36" x 36"	70	3.5"	36"	36"
1983-354136-PP	U-Shape Bumper Guard 3.5" OD x 41" x 36"	70	3.5"	41"	36"
1983-354136-SS-PP	Stainless Steel U-Shape Bumper Guard 3.5" OD x 41" x 36"	70	3.5"	41"	36"
1983-354836-PP	U-Shape Bumper Guard 3.5" OD x 48" x 36"	70	3.5"	48"	36"
1983-354836-SS-PP	Stainless Steel U-Shape Bumper Guard 3.5" OD x 48" x 36"	70	3.5"	48"	36"
1983-403636-PP	U-Shape Bumper Guard 4" OD x 36" x 36"	86	4.0"	36"	36"
1983-404136-PP	U-Shape Bumper Guard 4" OD x 41" x 36"	86	4.0"	41"	36"
1983-404836-PP	U-Shape Bumper Guard 4" OD x 48" x 36"	86	4.0"	48"	36"

^{*}Custom sizes available

ACCESSORIES

BOLLARDS

Application -

Bollards are used to protect property and expensive dispensers from traffic collisions.

<u>Part Number -</u> 1984



Features -

Cost effective property and equipment protection

Construction -

- · Schedule 40 pipe
- Primed
- Available in Stainless Steel (304-SS)

Part Number	Diameter	Length
4004 4000	4.0"	0011
1984-4063	4.0"	63"
1984-4072	4.0"	72"
1984-4084	4.0"	84"
1984-6063	6.625"	63"
1984-6072	6.625"	72"
1984-8084	8.625"	84"
1984-4063-SS	4.0"	63"
1984-4084-SS	4.0"	84"
1984-6063-SS	6.625"	63"
1984-6084-SS	6.625"	84"

ACCESSORIES

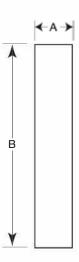
BOLLARDS WITH BASE PLATES

Application -

Bollards are used to protect property and expensive dispensers from traffic collisions.

Part Number - 1984-BP





Features -

- Cost effective property and equipment protection
- ✓ Base plates for easy mounting

Construction -

- Schedule 40 pipe
- Primed
- · Available in Stainless Steel (304-SS)

Model	Description	Weight (lbs)	Α	В
1984-4036-BP	Bollard 4" OD x 36"	32	4"	36"
1984-4048-BP	Bollard 4" OD x 48"	41	4"	48"
1984-4048-SS-BP	Stainless Steel Bollard 4" OD x 48"	41	4"	48"
1984-4060-BP	Bollard 4" OD x 60"	50	4"	60"
1984-4060-SS-BP	Stainless Steel Bollard 4" OD x 60"	50	4"	60"
1984-6048-BP	Bollard 6" OD x 48"	81	6.625"	48"
1984-6048-SS-BP	Stainless Steel Bollard 6" OD x 48"	81	6.625"	48"
1984-6060-BP	Bollard 6" OD x 60"	100	6.625"	60"
1984-6060-SS-BP	Stainless Steel Bollard 6" OD x 60"	100	6.625"	60"

^{*}Custom sizes available

ACCESSORIES

BOLLARD COVERS

Application -

Bollard covers enhance and protect the appearance of bumper post steel bollards in all indoor and outdoor applications.

Part Number - 1984-BC

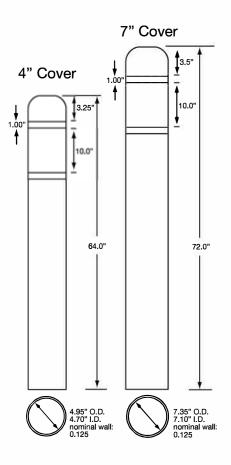


- 10 Standard colors
- 7 Reflective tape colors
- ✓ 8 Standard sizes for 4", 6", 8", & 10"
- ✓ Patented GripperTabs™ installation is the fastest and easiest way to secure bollard covers

Construction -

- 1/8" thick Polyethylene
- 3M #680 reflective tape

Model	Description
1984-BC452	4"x52" Bollard Cover
1984-BC464	4"x64" Bollard Cover
1984-BC752	7"x52" Bollard Cover
1984-BC760	7"x60" Bollard Cover
1984-BC772	7"x72" Bollard Cover
1984-BC872	8"x72" Bollard Cover
1984-BC1060	11"x60" Bollard Cover



Colors Available

Bollard C	over Colors:	Tape Col	ors:	
Red	(R)	Red	(R)	_
Orange	(O)	Orange	(O)	
Yellow	(Y)	Yellow	(Y)	
Green	(G)	Green	(G)	
Blue	(B)	Blue	(B)	
White	(W)	White	(W)	
Brown	(BN)	Black	(BK)	
Tan	(T)			
Gray	(GY)			
Black	(BK)			

ISLAND FORMS

ISLAND FORMS 6" RADIUS CORNERS

Application -

Island forms and curbing protect your most important equipment. Dispensers, ATM's, air machines, and much more. Designed to keep your dispenser equipment off of ground level to help keep water out of your dispenser sumps. Combine with Universal Pipe Guards and Bollards for maximum protection.

Features -

- Special slide cross braces require no field welding and are easily moved to accommodate many sump sizes
- Cost effective property protection

Construction -

- · 12 gauge steel
- · Primer coated black
- Available in Galvannealed Steel & Stainless Steel (304-SS)

Complete Island Form Kits:

2 = 9" Tall Width: 3', 4' 5' Length: Starting at 4' Material: SS for Stainless Steel in 1 ft increments Empty for Galvannealed Steel



(example: 3CK-430-SS 13" tall 4ft wide x 30ft long Stainless Steel)

End Caps:

Z = 9" Tall Width: 36", Length: 24", 30", 36" Material: SS for Stainless Steel Empty for Galvannealed Steel

(example: 3EC-4830-SS 13" tall 48" wide x 30" long Stainless Steel)



Side Rails:

2 = 9" Tall Width: 1ft increments 3 = 13" Tall up to 12 ft.

Material: SS for Stainless Steel Empty for Galvannealed Steel

(example: 3SR-3-SS 13" tall 3 ft long Stainless Steel)



Cross Braces:

3CB- _____ Length: 36", 48", 60"

(example: 3CB-36 36" long cross brace)



ISLAND FORMS

ISLAND FORMS - FULL RADIUS ENDS

Application -

Island forms and curbing protect your most important equipment. Dispensers, ATM's, air machines, and much more. Designed to keep your dispenser equipment off of ground level to help keep water out of your dispenser sumps. Combine with Universal Pipe Guards and Bollards for maximum protection.

Features -

- Special slide cross braces require no field welding and are easily moved to accommodate many sump sizes
- ✓ Cost effective property protection

Construction -

- · 12 gauge steel
- · Primer coated black
- Available in Galvannealed Steel & Stainless Steel (304-SS)

Complete Island Form Kits:

(example: 3CK-FR430-SS 13" tall 4ft wide x 30ft long Stainless Steel)



End Caps:

Z = 9" Tall Width: 36", Length: 24", 30", 36" Material: SS for Stainless Steel Empty for Galvannealed Steel

(example: 3EC-FR4830-SS 13" tall 48" wide x 30" long Stainless Steel)



Side Rails:

2 = 9" Tall Width: 1ft increments 3 = 13" Tall up to 12 ft.

SR
Material: SS for Stainless Steel

Empty for Galvannealed Steel

(example: 3SR-3-SS 13" tall 3 ft long Stainless Steel)



Cross Braces:

3CB-______ Length: 36", 48", 60"

(example: 3CB-36 36" long cross brace)



ISLAND FORMS

CURBING FORMS

Application -

Island forms and curbing protect your most important equipment. Dispensers, ATM's, air machines, and much more. Designed to keep your dispenser equipment off of ground level to help keep water out of your dispenser sumps. Combine with Universal Pipe Guards and Bollards for maximum protection.

Features -

Cost effective property protection

Construction -

- · 12 gauge steel
- · Primer coated black
- Available in Galvannealed Steel & Stainless Steel (304-SS)

Corner Pieces:

C2 = 9" Tall Width: 12", 18", 24"

Material: SS for Stainless Steel
Empty for Galvannealed Steel

(example: 2C-2423-SS 9" tall 24" x 24" Stainless Steel)



Side Rails:

2 = 9" Tall Width: 1ft increments Material: SS for Stainless Steel
3 = 13" Tall up to 12 ft. Empty for Galvannealed Steel

(example: 3SR-3-SS 13" tall 3 ft long Stainless Steel)



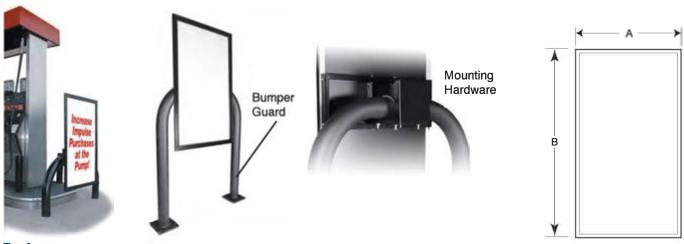
BumperBoard™ U-Shaped Guard Mount

Application -

Increase profits by utilizing existing space on your pipe guards.

Promote in store specials at the pump with Universal's BumperBoard sign.

Part Number - 1999-2844



Features -

- ✓ Increase profits by utilizing existing space
- ✓ It's a fact that the average consumer takes 6 minutes to fuel their car you have their total attention
- ✓ Your customer will not miss your promotion as they pull up to the pump
- ✓ Mounts to standard bumper guard
- ✓ Easy front loading access for your message insert
- ✓ Rounded corners also available

Construction -

- · Powder coated aluminum frames
- · Heavy duty spring clips

					Poster
M <u>ode</u> l	<u>Description</u>	Weight (lbs)	Α	В	Insert Size
	BumperBoard 28" x 44" w/ ubolt mounting box	22	29 -1 <i>/</i> 8"	45 -1/4"	28" x 44"
1999-2844-2	BumperBoard Secondary Sign 28" x 44" (no mounting bracket)	14	29 -1 <i>/</i> 8"	45 -1/4"	28" x 44"
1999-2844-RC	BumperBoard 28" x 44" w/ Rounded Corners w/u-bolt mounting box	22	29 -1/8"	45 -1/4"	27" x 43"
1999-2844-RC-2	BumperBoard 28" x 44" w/ Rounded Corners Secondary Sign (no mounting bracket)) 14	29 -1 <i>/</i> 8"	45 -1/4"	27" x 43"
1999-2844-RC-MO	BumperBoard 28" x 44" w/ Rounded Corners w/ Murphy Oil u-bolt mounting box	22	29 -1/8"	45 -1/4"	27" x 43"
1999-U	U-bolt Mounting Box (formerly 1999-2844-U) Up to 4.5" O.D. pipe	8			
1999-U-MO	U-bolt Mounting Box- Murphy Oil-w/special cover (formerly 1999-2844-U-MO)	8			

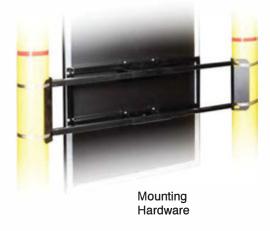
BumperBoard™ Dual Bollard Mount

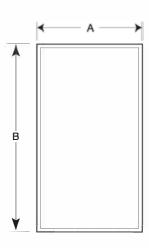
Application -

Increase profits by utilizing existing space between two bollards with Universal's dual bollard mount signage system.

Part Number - 1999-2844







Features -

- ✓ Increase profits by utilizing existing space
- It's a fact that the average consumer takes 6 minutes to fuel their car - you have their total attention
- ✓ Your customer will not miss your promotion as they pull up to the pump
- Mounts to dual bollards
- ✓ Easy front loading access for your message insert
- ✔ Rounded corners also available

Construction -

- Powder coated aluminum frames
- Heavy duty spring clips

					Poster
Model	Description	Weight (lbs)	Α	В	Insert Size
1999-2844-BM	Standard 28" x 44" Sign with Dual Bollard mounting Bracket (formerly 1999-BM-2)	30	29 -1/8"	45 -1/4"	28" x 44"
1999-2844-BM20	Standard 28" x 44" Sign with Dual Bollard mounting Bracket Bollard Span (20"x38")	15	29 -1/8"	45 -1/4"	28" x 44"
1999-2844-2	BumperBoard Secondary Sign 28" x 44" (no mounting bracket)	14	29 -1/8"	45 -1/4"	28" x 44"
1999-2844-RC-2	BumperBoard 28" x 44" w/ Rounded Corners Secondary Sign (no mounting bracket)	14	29 -1/8"	45 -1/4"	27" x 43"
1999-BM	Dual Bollard Mounting Bracket Bollard Span (28" x 48")	15			
1999-BM20	Dual Bollard Mounting Bracket Bollard Span (20" x 38")	15			

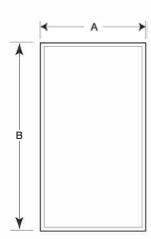
BumperBoard™ Single Bollard/Pole Mount

Application -

Increase profits by promoting utilizing existing space on bollards with Universal's single bollard mounting system.

Part Number - 1999-2844





Features -

- ✓ Increase profits by utilizing existing space
- It's a fact that the average consumer takes 6 minutes to fuel their car - you have their total attention
- ✓ Your customer will not miss your promotion as they pull up to the pump
- ✓ Mounts to round or square poles
- Easy front loading access for your message insert
- ✔ Rounded corners also available

Construction -

- · Powder coated aluminum frames
- · Heavy duty spring clips

Model	Descri <u>pt</u> ion	Weight (lbs)	Α	В	Insert Size
1999-2844	BumperBoard 28" x 44" w/ ubolt mounting box	22	29 -1/8"	45 -1/4"	28" x 44"
1999-2844-2	BumperBoard Secondary Sign 28" x 44" (no mounting bracket)	14	29 -1/8"	45 -1/4"	28" x 44"
1999-2844-RC	BumperBoard 28" x 44" w/ Rounded Corners w/u-bolt mounting box	22	29 -1/8"	45 -1/4"	27" x 43"
1999-2844-RC-2	BumperBoard 28" x 44" w/ Rounded Corners Secondary Sign (no mounting bracket)	14	29 -1/8"	45 -1/4"	27" x 43"
1999-SQ	Square Pole Mounting Box (up to 5.25" o.d.)	10			
1999-U	U-bolt Mounting Box (formerly 1999-2844-U) Up to 4.5" OD Pipe	8			
1999-U-MO	U-bolt Mounting Box- Murphy Oil-w/special cover	8			
	(formerly 1999-2844-U-MO) Up to 4.5" OD Pipe				

THE WALLI™

Application -

Mounts to any window, wall or vertical space to highlight your offerings.

Part Number - 1999-Walli



UNIVERSAL

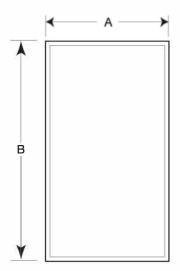
The Universal Sign System Strategically Brings Your Customer Into The Store...Ready To Spend...
Because It's The **ONLY** Sign System That Starts
At The Pump, And Finishes In The Store.

Features -

- Highlights your offers and specials
- Stops consumers and brings them into your store
- Enhances your fueling sites
- Available in standard or rounded corners
- Grabs attention and maximizes sales volume
- ✓ Standard size 28" x 44"
- Custom sizes available
- ✓ Easy front loading access for your message insert

Construction -

- Powder coated steel frames
- · Heavy duty spring clips
- Rounded corners also available



Model#	Description	Weight (lbs.)
1999-WALLI	28" x 44" Wall mount sign	14
1999-WALLI-RC	28" x 44" Wall mount sign with rounded corners	s 14

AIR INFLATORS

AIR TOWERS - FREE AIR

Application -

An Air Tower that is customizable to compliment all store designs.

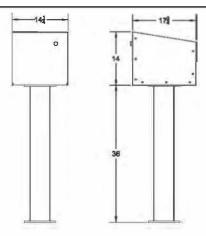
Part Number - 1975-, 1975W







Universal's built tough air tower is designed to operate in high heat and freezing conditions.



<u>Features -</u>

- ✓ Rugged Construction
- ✓ Solid State timer
- ✓ 25 ft abrasion and weather resistent air hose
- ✓ Heavy duty tire pressure gauge
- ✓ 1/2 HP oilless compressor
- ✓ Maximum inflation of 100 psi.
- ✓ ETL Listed
- ✓ Stainless Steel Cabinet
- ✓ Painted Post (Optional Hot Dip Galvanized)
- ✓ All components UL listed

Construction -

- 16 Gauge metal housing
- Stainless steel
- Schedule 40 post

FREE AIR Description

1975-FA34-SS 1975-FA34-HR-SS 1975-FA34-HR-GSS 1975-FASV-SS

1975W-FA34-SS 1975W-FASV-SS Post mount Stainless Steel (painted hd-post)

Post mount Stainless Steel (painted hd-post)w/ Hose Reel
Post mount Stainless Steel (Galvanized hd-post)w/ Hose Reel
Post mount Stainless Steel Solenoid valve no internal Comp
(painted hd-post)

Wall mount Stainless Steel

Wall mount Stainless Steel Solenoid valve no internal Comp.

AIR INFLATORS

AIR TOWERS - COIN OPERATED

Application -

An Air Tower that is customizable to compliment all store designs.

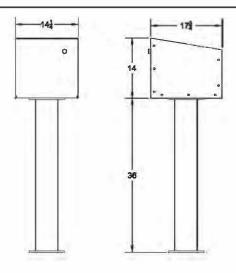
Part Number - 1975-, 1975W







Universal's built tough air tower is designed to operate in high heat and freezing conditions.



<u>Features -</u>

- ✓ Rugged Construction
- ✓ Solid State timer
- ✓ 25 ft abrasion and weather resistent air hose
- ✓ Heavy duty tire pressure gauge
- ✓ 1/2 HP oilless compressor
- Maximum inflation of 100 psi.
- ✓ ETL Listed
- ✓ Stainless Steel Cabinet
- Painted Post (Optional Hot Dip Galvanized)
- ✓ All components UL listed

Construction -

- · 16 Gauge metal housing
- Stainless steel
- Schedule 40 post

Coin OperatedDescription1975-CO34-SSPost mount Stainless Steel (painted hd-post)1975-CO34-HR-SSPost mount Stainless Steel (painted hd-post)w/ Hose Reel1975-CO34-HR-GSSPost mount Stainless Steel (Galvanized hd-post)w/ Hose Reel1975W-CO34-SSWall mount Stainless Steel w/ counter (painted hd-post)1975W-CO34-SS-CWall mount Stainless Steel w/ counter1975W-CO34-SS-CWall mount Stainless Steel w/ counter

AIR INFLATORS

AIR TOWERS REPLACEMENT PARTS

Air Tower Replacement Parts (71R642)

Part Number	Description
1975-14	Tamper Proof Screw
1975-14-TOOL	Tamper Proof Screwdriver
1975-15	Coin Timer
1975-15-A	Free Air Timer
1975-16	Free Air Push Button
1975-17	Door Lock Assembly
1975-19	Air Hose
1975-19M	Air Hose w/ metal braiding
1975-20	Tire Chuck and Gauge
1975-22-SS	Wall mount Bracket
1975-3	Circuit Breaker
1975-33	Coin Box
1975-33-F	Coin Box Funnel
1975-37	Air Pressure Adjustable Relief Valve
1975-AIRST	"Air" Sticker
1975-COCHASSIS-G	Complete Chassis Coin Operated -Gast Comnpressor
1975-COISW	Coin Switch
1975-COMPR-G	Air Compressor -Gast
1975-COMP-TKIT	Compressor Conversion Kit
1975-CYCOUNT	Cycle Counter
1975-FACHASSIS-G	Complete Chassis Free Air -Gast Compressor
1975-FRAR	"Free Air " Sticker
1975-HDPOST	Heavy Duty Post assembly (Painted)
1975-HDPOST-G	Heavy Duty Post assembly (Hot Dip Galv)
1975-HR	Hose Reel
1975-IN25	"25 cents" Instruction Sticker
1975-IN50 1975-KEY	"50 cents" Instruction Sticker Door Key
1975-KE 1	Heavy Duty Lock Kit
1975-POST-SS	Post Assembly (Stainless Steel) -optional
1975-POST-SS 1975-STINS	"Instructions" Sticker for Free Air
1975-WARN	"Warning" Sticker
13/ J-VVALUV	Walling Sticker

Gast Compressor Replacement Parts (71R642)

Part Number	Description
1975-34G	Compressor Relief Valve -Gast Compressor
1975-35G	Air Compressor Air Filter-Gast Compressor
1975-K557D	Gast Repair Kit

Gast Compressor Replacement Parts (87R642)

Part Number	Description
1975-34G	Compressor Relief Valve -Gast Compressor
1975-35G	Air Compressor Air Filter-Gast Compressor
1975-K965	87R Gast Repair Kit

WARRANTY

Universal's iron clad warranty is straight forward and fair. All of our products are guaranteed to be free from defects in materials. Our workmanship is second to none in the Petroleum Equipment Industry. This will continue to be one of the corner stones of Universal Valve Company, Inc.

LIMITED WARRANTY: All Universal products are thoroughly tested before shipment and guaranteed to the extent of replacing only products found to be defective in manufacture. Claims must be made within one year from date of invoice. We cannot, however, allow claims for labor or consequential damage resulting from purchase, installation or misapplication of our products.

CLAIMS: Our responsibility ceases when products are accepted by transportation carriers. All goods are at the risk of the purchaser after they have been delivered by us to the carrier and receipt obtained for same (in good order).

PRODUCT CHANGES: The right is reserved to make changes in pattern, design, or materials when deemed necessary, without prior notice. Products which have become obsolete by reason of design change, or discontinued as a manufactured item, may not be returned for credit.

PRICE CHANGES: Due to changes in design and manufacture, all prices listed herein are subject to change without notice.



Your Industry Specialists



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