

# **UST Catalog**

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### Say Hello to Galvanneal Island Forms!

Galvanneal with a primer coating gives you far better protection from rust then standard sheet metal!

Now Universal offers two great options for superior element protection as a standard!

Galvanneal with black primer, so you can paint your islands to match the color of the stores decor!

Stainless Steel for that clean low maintenance option.

Bundle your order with the u-shape guards and save even more!

### **Universal Valve Island Forms Are Available with These Features:**

- 6" Radius Corners
- Full Radius Ends
- Full Radius Ends w/Bumpers
- Bow Tie Islands
- Curbing

- Galvanneal w/ Black Primer
- Stainless Steel
- 12 gauge
- Endless widths and lengths
- Pre-assembled 1 Piece
- Standard breakdown Islands

Be Sure, Be Safe, Choose Universal!

For other sizes and options Call for a quote today: 800-223-0741







# Which is really better? Cross-linked or Linear Polyethylene? Are you providing your customer with the safest and best long term performance spill container?

## The Universal Model 71CD Spill Container

Universal Valve 71CD spill container is equipped with a Cross-Link Polyethylene Bellow. Research shows that Cross-Link Polyethylene is far superior to Linear Polyethylene.

An Environmental stress test (ASTM method D-1693 for polyethylene plastics) shows that Cross-Link Polyethylene can hold up for thousands of hours with 0 failures as opposed to only hundreds of hours for linear polyethylene.

- Cross-Link Polyethylene Bellows
- · Bolted bellows to ring and base no band clamps to slip off.
- Available with or without a drain
- SP version easily retrofitted from a rain-tight lid to a water-tight lid (69RT)
- Equipped standard with grounding screw. Important when using a fiberglass riser pipe!
- Easily Hydro or vacuum testable to meet all new EPA testing regulations
- Built and tested in the U.S.A. !





YOUR INDUSTRY SPECIALIST!

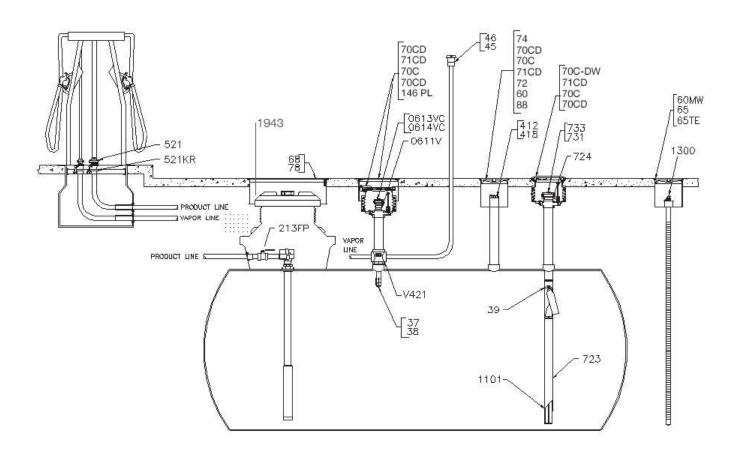
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# TYPICAL SUBMERSIBLE PUMP APPLICATION

# 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.

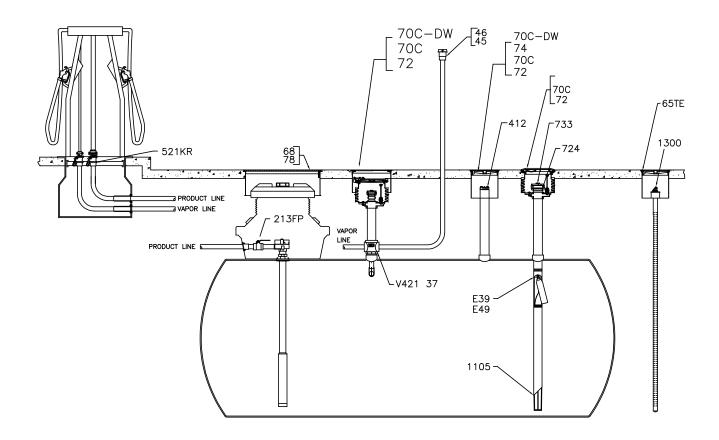
**Note:** The drawing shows only general locations of various Universal products contained in this catalog. The products are not shown in actual size or proportion to Universal, or other products listed.



# E-85 UST TANK DRAWING



Ball Float	213FP <b>-</b> SS	Stainless Steel Ball Valve
4" Gravity Fill Overfill Valve	412	Aluminum 4" Cap
2" Vent	V421	Extractor Body
2" Presure Vacuum Vent	521KR	Shear Valve Mount
Pressure Fill Overfill Valve	E-723	Drop Tube
Triangle Tank Montioring	724	Fill Adapter Cap
Steel Manhole	733	Grey Fill Adapter Cap
Double Wall Spill Container	1105	Drop Tube Diffuser
5 Gallon Spill Container	1300	Environmental Plug
5 Gallon Spill Container w/Pump	E-0611V	Vapor Cap
Tank Monitoring Manhole	0613VC	Orange Vapor Cap
	4" Gravity Fill Overfill Valve 2" Vent 2" Presure Vacuum Vent Pressure Fill Overfill Valve Triangle Tank Montioring Steel Manhole Double Wall Spill Container 5 Gallon Spill Container 5 Gallon Spill Container w/Pump	4" Gravity Fill Overfill Valve 2" Vent 2" Presure Vacuum Vent Pressure Fill Overfill Valve 521KR Pressure Fill Overfill Valve 5-723 Triangle Tank Montioring 724 Steel Manhole 733 Double Wall Spill Container 5 Gallon Spill Container 1105 5 Gallon Spill Container w/Pump 5-0611V



# **ABSORBENTS**

### The Ultimate 20 Gallon Emergency Spill Response Kit

UN approved water and chemical resistant polyethylene container with ring clamp top lid. Equipped with Allwik absorbent products. Absorbs up to 20 gallons.

Part Number	Size
2005-SKA-20	<ul> <li>(20) 15" x 19" Pads</li> <li>(3) 3" x 12' Socs</li> <li>(6) 18" x 18" Pillows</li> <li>(1) Goggle</li> <li>(1) Pair Nitrile Gloves</li> <li>(1) Pair Shoe Covers</li> <li>(3) Disposable Bags</li> <li>(3) Zip Ties</li> </ul>
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### The Ultimate 55 Gallon Emergency Spill Response Kit

UN approved water and chemical resistant polyethylene contains with ring clamp top lid. Equipped with Allwik absorbent products. Absorbs up to 55 gallons.

Part Number	Size
2005-SKA-55	(50) Pads (15" x 19")
	(12) Socks (3" x 4')
	(8) Pillows (18" x 18")
	(1) Pair Goggles
	(5) Disposal Bags
	(1) Emergency Response Guidebook
	(1) Pair Nitrile Gloves



# **ABSORBENTS**

### Slikwik Socs™

Specialized oil-only polypropylene SOC for use against oil and petroleum based spills.

Part Number	Size	Quantity
2005-OIL412	3" x 4'	10/case
2005-OIL124	3" x 12'	10/case



### **Env™ Oil Sorbents**

Economical contractor grade pads for oil clean up.

Part Number	Size	Quantity
2005-ENV200	15" x 19" Medium weight	200 per bale
2005-ENV300	15" x 19" 100 per b Medium weight	
	*OIL ONLY*	



### **Slikwik Pillows**

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

Part Number	Size	Quantity
2005-OIL1818-2	18" x 18"	8/case
2005-AW1818-2	18" x 18"	8/case



<sup>&</sup>quot;\*Allwik spill kits are suitable for all-purpose maintenance and spills." "\*Oil only spill kits will absorb only oil. No water or water based solutions."





# **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 & 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 testing
- 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	Size We	ight (Ib	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**

Model	Size	Weight (lbs.)	Α	В	
V421-0020	0" x 2"	13.9	8"	6-5/8"	
V421-2020	2" x 2"	13.4	8"	6-5/8"	
V421-0030	0" x 3"	15.7	8"	6-5/8"	
V421-3020	3" x 2"	14.4	8"	6-5/8"	
V421-3030	3" x 3"	15.3	8"	6-5/8"	

### Cage Assembly

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

### **Replacement Parts**

Part Numbers	Description
37-20-B	2" Stainless Steel Ball



# **UST OVERFILL PROTECTION**

# FLOAT VENT VALVE ASSEMBLIES

### Application -

The #38 when used in conjunction with the V420 Vent Valve, protects against overfill of the UST.

### Part Number - #38 Float Vent Valve & V420 Vent Valve Assembly



### Features -

- ✓ The #38 larger diameter, allows a faster delivery rate
- ✓ The #38 Float Vent Valve comes attached to the cage assembly
- ✓ The #38 when used in conjunction with V420 Vent Valve, protects against overfill of UST
- ✓ Signals the transport driver when the tank is filled to 90% capacity, in accordance with current EPA guidelines
- ✓ The #38 is retro-fittable and allows easy extraction for tank
- ✓ For use on gravity delivery only
- ✓ Compatible with E-85

### Construction -

- · Polymeric-coated steel body
- · Brass stem and bushing
- Stainless steel float ball
- 1/8" bleed hole size

### Float Vent Valve

		weignt				
Model	Size	(lbs.)	Α	В	С	
38-301118	3" x 11" x 1/8"	4.4	17"	3"	13"	

### **Vent Valve Assembly**

		Weight		
Model	Size	(lbs.)	Α	В
V420-0020	0" x 2"	13.9	8"	6-5/8"
V420-2020	2" x 2"	13.4	8"	6 <b>-</b> 5/8"
V420-0030	0" x 3"	15.7	8"	6 <b>-</b> 5/8"
V420-3020	3" x 2"	14.4	8"	6 <b>-</b> 5/8"
V420-3030	3" x 3"	15.3	8"	6 <b>-</b> 5/8"

### 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.



# 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





Waight

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
- ✓ Compatible with E-85 (Model E39)

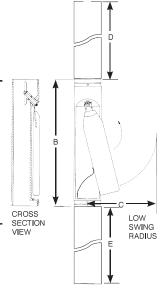
### **Construction** -

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

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### **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
39CA-KIT	Coaxial Kit
39-INS	Installation Kit



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

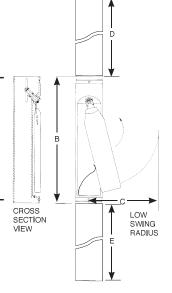
### Construction -

- · 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	Е	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
39CA-KIT	Coaxial Kit
39-INS	Installation Kit



**Testing Tools:** 

39-T5' Long Testing Tool39-TXL10'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.



# TOTAL OVERFILL PROTECTION

# REMOTE FILL ADAPTER KIT

### **Application** -

Vapor Tight fill designed for a 2 point fill where the fill point is not over the UST. Model 39-RFK can be installed inside a sump directly over the UST.

Use is conjunction with model(s) with models(s) 39-04, 39-0508 or 39-0710 for the best option in overfill protection.

### Part Number - 39-RFK, 39-RFK2



### 39-RFK Kit Includes-

- ✓ (1) Cast iron 4" NPT tee
- (1) Spring
- ✓ (1) Ragstopper
- ✓ (1) JH69 stick port flapper
- √ (1) 724-4040 4 x 4 fill adapter
- √ (1) 733-40 4" fill cap 4" nipple
- ✓ (1) 4" nipple

### 39-RFK2 Kit Includes-

- ✓ (1) Cast iron 4" NPT tee
- ✓ (1) 4" NPT plug
- ✓ (1) Spring

# **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

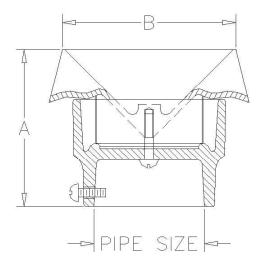
### Construction -

- · All metal body
- · Bronze screen

Pipe Size	Weight (Ibs.)	Α	<b>B</b> 45-15
1-1/2"	1.2	4-3/8"	4"
2"	1.1	4-3/8"	4"
3"	2.6	5-3/8"	6"
	1-1/2" 2"	1-1/2" 1.2 2" 1.1	1-1/2" 1.2 4-3/8" 2" 1.1 4-3/8"

### **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.

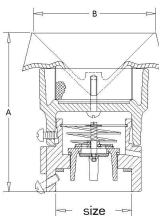
### Features -

- 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 <b>-</b> 7/8"	4-1/4"	3" Water Col.	0.5
46-2080	2"	2	5 <b>-</b> 7/8"	4-1/4"	8 oz.	0.5
46S-2080	2"	2	5 <b>-</b> 7/8"	4-1/4"	8 oz.	0.5
46P <b>-</b> 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 <b>-</b> 20	2" Upflow Vent	1 3.23
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)	

# **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.

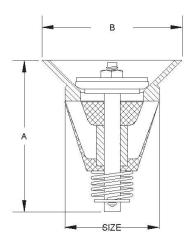
### Features -

- ✓ 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 (Ibs.	) 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**



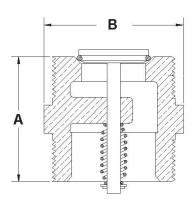
### Features -

- 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

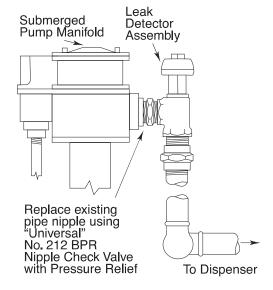


### Features -

- 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



Model	Size	Weight (lbs.)	Height	Width	Seal	width
212BPR-15-014	1-1/2"	1.2	3-1/8"	2 <b>-</b> 1/2"	Buna-N	3//2
212BPR-15-1535	1-1/2"	1.2	3-1/8"	2-1/2"	Buna-N	
212BPR-15-3650	1-1/2"	1.2	3-1/8"	2 <b>-</b> 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	888
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	
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 <del>-</del> 5/8"	Viton	THE THIOCAG GIZO

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**



# **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	Locking	
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		

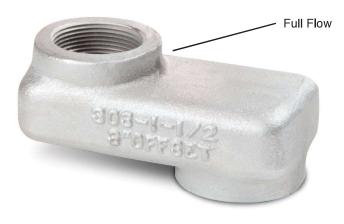
# **PIPE LINE ACCESSORIES**

# 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 -**

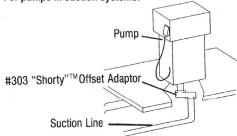
· Zinc plated cast iron body

Model	Thread	Offset	Weight (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"
303-1540	1-1/2" NPT	4"	4	2-1/4"	6-1/2"
303-1550	1-1/2" NPT	5"	4.75	2-1/4"	7-1/2"

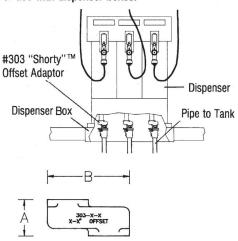


Only from Universal! — Designed for low height requirements. In use and extremely popular for over 25 years. Now an industry standard only from Universal. Saves time and money during installations. Prevents any strain on piping and dispenser boxes.

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



For use with dispenser boxes:





# ANGLE CHECK VALVES

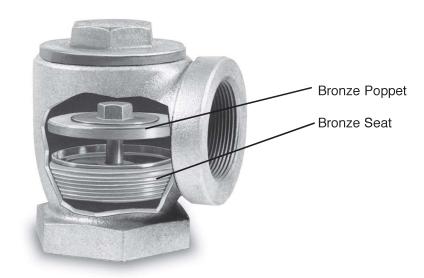
# **SUCTION SYSTEMS**

### 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

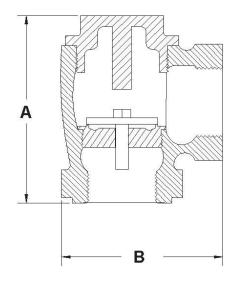
### **Construction** -

- · 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



# CAPS

# PIPE CAP

### Application -

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

### Part Number - 412



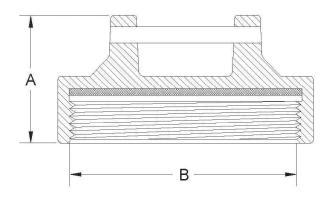
### Features -

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

### **Construction** -

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

N/I1 - 1	Thread	M/ -! /II \		_
Model	Size	Weight (lbs.)	Α	B
412-40	4"	1.2	2.5"	4"



### **Replacement Parts**

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

# DUST CAP FOR 4" PIPE

### Application -

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

Part Number - 418

Strain relief cord connector to install leads of in-tank monitor



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.

Top ears for easy installation and removal

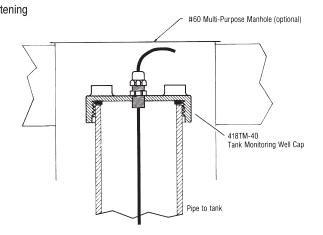
### Features -

- ✓ 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

	Thread	C	Cable Gripping		
Model	Size	Weight (lbs.)	Range		
418-40	4"	0.5	_		
418TM-40	4"	0.5	.138315		
418TM-40-125	4"	0.5	.079236		
418TM-40-15	4"	0.5	.197472		



### **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.)	Α	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)

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### **UNIVERSAL VALVE COMPANY**





# 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
- ✓ Compatible with E-85 (Model E-0611V)

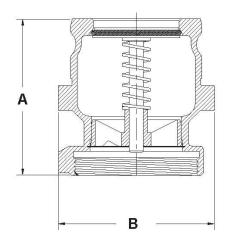
### **Construction -**

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

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



724-44-B Gasket





# **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

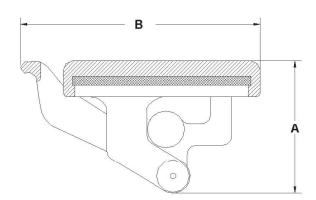
### Construction -

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

Model	Size	Weight (lbs.)	Α	В
0613VC-30	3"	3,6	4"	<del>7-</del> 1/2"

# Replacement Parts Part Numbers Description

0613VC-3-B 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

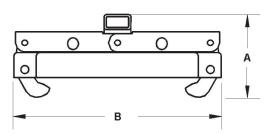
### **Construction -**

- 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.



# VALVES, FITTINGS AND ACCESSORIES

# **DROP TUBES**

### **Application** -

Allows efficient bottom filling of storage tanks. The flared aluminum tube rests on top of the fill pipe where the adapter threads onto the riser, holding the tube in place. The drop tube end should be placed 6"-12" from the tank bottom, or in accordance with local requirements, and should be cut at a 45° angle.

### Part Number - 723



### Features -

- ✓ Installs quickly and needs no excavation
- ✓ Reduces turbulence and vapor loss
- ✓ Compatible with E-85 (Model E-723)

### **Construction -**

- · Aluminum tube .065" wall thickness for maximum strength
- · Buna-N gasket

Model	Size	Weight (lbs.)
723-4012	4" x 12'	11.2
723-4015	4" x 15'	14.2
E-723-4012	4" x 12'	11.2

### **Replacement Parts**

Part Numbers	Description
723-40-A	Gasket



# **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**

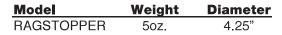


### Features -

- ✓ 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



- · Carbon steel body
- Buna-N Seal



\*Does not work with coaxial



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В

# TIGHT FILL ACCESSORIES

# 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-B	Gasket (Models 724)

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### 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

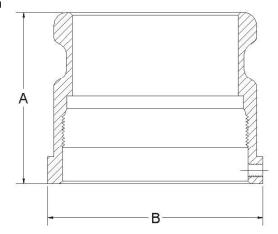
### Construction -

- · Hard coated aluminum casting
- · Stainless steel set screw

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

# Replacement Parts Part Numbers Description

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

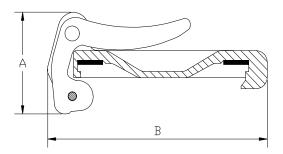
### Construction -

- · 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	





# VALVES, FITTINGS AND ACCESSORIES

# **FUEL TANK ANTI-THEFT DEVICE**

### Application -

Universal Valve has designed an all new locking device to prevent fuel theft from service stations. The device attaches to existing fill pipes and locks the cap down preventing thieves from syphoning fuel from storage tanks.

### Part Number - 726-LOCK



### Features -

- ✓ All Metal Construction
- ✓ Heavy Duty Combination Lock
- ✓ Rugged Design

### **Construction** -

Carbon Steel

Model	Weight	Width	Height
726-LOCK	3.7lbs.	8.5"	8"



# 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



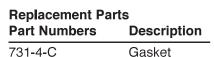
### Features -

- ✓ 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** -

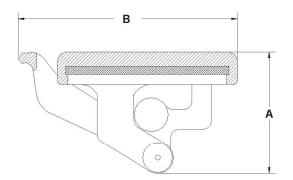
- · All aluminum cast cap
- · Ductile cast iron handle
- · Buna-N Seal

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.







# 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, 725 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

<sup>\*</sup>Available Cap only 731TM - & 733TM-



# **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



### Features -

- ✓ 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

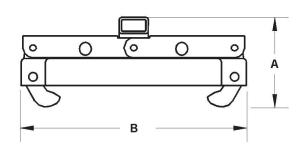
Model	Cap Size	Weight (lbs.)	Α	В
733-40	4"	1.7	2-7/8"	7"

### 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.







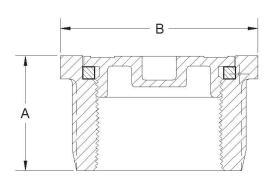
#### Features -

- ✓ 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.

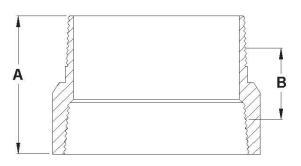
#### Features -

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

#### Construction -

· Cast iron body

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

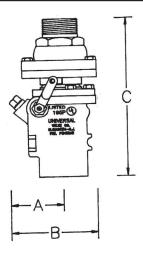
#### Construction -

- Zinc-plated 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**

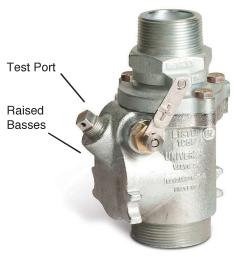
Description
3/8" Plug
Body to Top Seal Ring
Fusible Link
Reset Nut
5/16" Bolt

## 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 cast iron body and top
- · Stainless steel spring and shaft
- Bun-N seal

# SINGLE POPPET SAFETY VALVES (CONTINUED)

Model	Top Thread	Size	Weight (lbs.)	Α	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"

UNIVERSAL VALVECO ELIZBEHH-NJ.

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
521R-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



<u>Only From Universal!</u> 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 -

- · Rugged plated cast iron body.
- · Plated steel bolts, U-Clamp and hardware

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 <b>-</b> 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



# 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 gure Universally all pays Field Deplements.

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



Never Breaking Concrete Again!



✓ Fits Universal single wall and double wall spill containers

Wall Manhole

- ✓ 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
FR-70C-DW5	5 gallon Field Replaceable double wall slip on spill container
FR-69RT-DW5	5 gallon Field Replaceable double wall slip on spill container w/ w.t. lid
FR-72-DW5	5 gallon Field Replaceable double wall slip on spill container w/ pump
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
69RT-0504-FR	Replacement 5 gallon Field Replaceable single wall slip on spill container w/pump & w.t. lid
70C-DW5-FR	Replacement 5 gallon Field Replaceable double wall slip on spill container
69RT-DW5-FR	Replacement 5 gallon Field Replaceable double wall slip on spill container w/ w.t. lid
72-DW5-FR	Replacement 5 gallon Field Replaceable double wall slip on spill container w/ pump

# 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

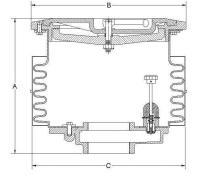
#### Construction -

- 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







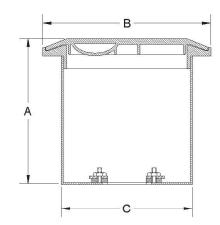
70C-1212-SP-SS

#### 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	Capacity	Opening	(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 <b>-</b> 5/8"	12-1/4"
70C-1212-SS	12" x 12"	5	4"	55.5	13-1/4"	15 <b>-</b> 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		

# DEF

# 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**

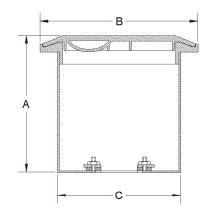


#### Features -

- ✓ 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	Capacity	Opening		Α	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







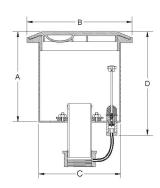
#### Features -

- ✓ 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
- · Available with Stainless Steel body

Model	Size	Gallon Capacity	Riser Opening	Weight (Ibs.)	Α	В	С	D
70CD-1212	12" x 12"	5	4"	55.5	13-1/4"	15-5/8"	12-1/4"	14"
70CD-1212-SP	12" x 12"	5	4"	55.5	13-1/4"	15 <b>-</b> 5/8"	12-1/4"	14"
70CD-1212-SS	12" x 12"	5	4"	55.5	13-1/4"	15 <b>-</b> 5/8"	12-1/4"	14"
70CD-1212-SP-SS	12" x 12"	5	4"	55.5	13-1/4"	15 <b>-</b> 5/8"	12-1/4"	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)		3 3





# 5 GALLON DOUBLE WALL SPILL CONTAINMENT MANHOLE

#### Application -

Universal's cost effective double wall spill container that fits the same footprint as a single wall.

#### Part Number - 70C-DW



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Only Universal provides an all metal non-permeating double wall that fits the same footprint as a single wall.

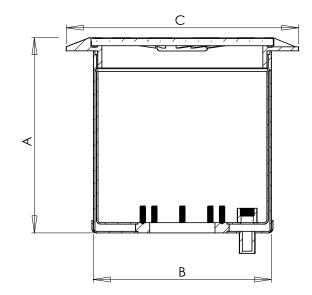
#### Features -

- ✓ All metal, no permeation
- Same footprint as a single wall spill container
- Quick install
- Fully tested
- ✓ Fully assembled
- ✓ 5 gallon primary bucket
- ✓ Compatible with E-85

#### **Construction** -

- All Steel construction
- · Non-corrosive polymeric coating

	Gallon	Weight			
Model#	Capacity	(lbs.)	Α	В	С
70C-DW5	5	57	13.5	12.5	16
69RT-DW	5 5	57	13.5	12.5	16
72-DW5	5	57	13.5	12.5	16



#### Replacement Parts

Part Numbers	Description
74-P	Plug

69RT-CO Raintight Cover 71-12-14 All Weather Cover 70C-12-K Hardware Kit

## INTERNAL DRAIN

#### **Application** -

Designed to contain spillage during underground tank filling.

#### Part Number - 71CD



#### 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

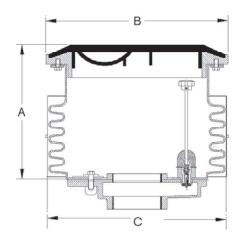
Model	Gallon Capacity	Weight (lbs.)	Α	В	С
71CD-1212	5	44	15"	15-1/2"	15-1/2"
71CD-1212-\	/ 5	44	15"	15-1/2"	15-1/2"

#### **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.





# 5 AND 15 GALLON DOUBLE WALL SPILL CONTAINMENT MANHOLE

#### Application -

Universal's "Quick Install" Double Wall Spill Container is designed to prevent water intrusion into the secondary containment. Bellows replacement is easy and eliminates the need to break concrete, providing efficient long service life.

#### Part Number - 71CD-DW



#### Features -

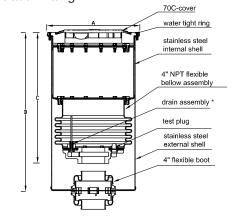
- ✓ Double walled to contain spilled product
- ✓ Easy replaceable bellows
- Monitoring port for secondary containment access
- ✓ 15 or 5 gallon primary containment
- ✓ Watertight cast iron ring
- ✓ Stainless steel combo primary buckets
- ✓ Available with primary and secondary slip on model (70C)
- Quick install
- ✓ Fully tested
- ✓ Fully assembled
- ✓ Compatible with E-85 (Model 70C)
- ✓ V model without drain

#### Model В C Weigh (lbs) Α 71CD-0512-DW 18.3" 21" 15.2" 119 71CD-1512-DW 18.3" 31" 25.5" 140 70C-0512-DW 18.3" 21" 15.2" 10 21" 71CD-0512-V-DW 18.3" 15.2" 119 71CD-1512-V-DW 18.3" 31" 25.5" 140

Universal provides easy replacement bellows plus a full 15 gallon or 5 gallon capacity.

#### **Construction** -

- · Ductile iron ring and cover
- · Stainless steel secondary containment
- High density Polyethylene primary containment (71CD)
- Cast iron primary base (71CD)
- · Pellethane penetration fitting



#### Replacement Parts

Part Numbers	Description	Part Numbers	Description
71CD-05-DW	Primary 71 Bucket	71-12-4	Ring Bolts
70C-12-A-DW	Primary 70C Bucket	71CD-BOOT	Flexible Boot
70C-12-K	Hardware Kit(70C)	71DW-04	Drain Valve Plug
70C-12CO	Cover		



# **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 <b>-</b> 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





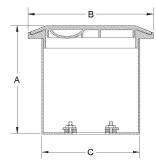
#### Features -

- 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.)	Α	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-SS	12" x 12"	5	4"	55.5	13-1/4"	15 <b>-</b> 5/8"	12-1/4"
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		·

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**



# **CONTAINMENT MANHOLES**

# SECONDARY CONTAINMENT MANHOLES

#### Application -

Containment vessel for brine or tank monitor.

#### Part Number - 74







Only from Universal! - A special flexible seal allows both vertical and angular movement for easy installation.

#### Features -

- Designed to be used as a secondary containment for tank monitor and brine risers. If the caps or fittings accidentally leak – this containment vessel will prevent fuel from entering the ground
- ✓ Comes complete with an 18" manhole
- ✓ The unit is designed to slide over either a 2" or 4" riser pipe
- ✓ The flexible seal allows both vertical and angular movement for easy installation
- ✓ The cover of the containment vessel is gasketed and secured by four industrial grade wing nuts
- ✓ Complete with an identification marker
- ✓ Compatible with E-85 and Bio-Diesel

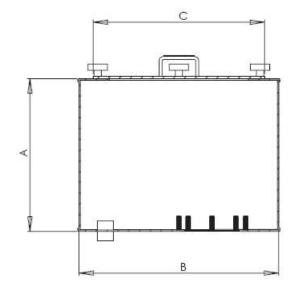
#### **Construction -**

- · Epoxy coated steel for long life
- (2) 3/4" male conduit nipple
- (1) 1" male conduit nipple

	Gallon	Weight				Riser
Model	Capacity	(lbs.)	Α	В	С	Size
74-JHHE-5	10	33	12.5"	16.3"	14"	4"
74-JHHE-5-2	10	33	12.5"	16.3"	14"	2"

#### **Replacement Parts**

Part Numbers	Description
70C-12-K	Hardware Kit - 4" Riser
74-P	Plug
74-G	74 Tank Gasket
98-1810	18" At Grade Manholes
1943-PK	Wing Nuts
74-Boot-2	2" Boot Kit



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#### UNIVERSAL VALVE COMPANY

# **BELOW GRADE MANHOLES**

# **NEVER-SINK MANHOLE**

#### **Application** -

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

#### Part Number - 146PL



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

# Below Grade B 146PL-1212

#### **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 Without 18" Manhole						
146PL-1212-V	5	122.0	16"	22"	17-1/2"	
146BG-1212-V Without 18" Manhole						

Replacement Pa	rts	Replacement Pa	ırts
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



THE SAL

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

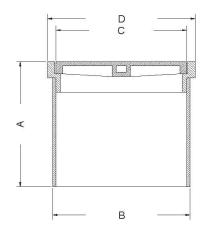
Model	Size	Weight (lbs.)	Α	В	С	D
60-8075	8" x 7-1/2"	11.3	6-3/4"	8-1/4"	8"	9-1/4"
60-8012	8" x 12"	13.2	13"	8-1/4"	8"	9-1/4"
60-1280	12" x 8"	25	7-1/4"	13-7/8"	12"	13-7/8"
60-1212	12" x 12"	27	13"	13-7/8"	12"	13-7/8"

#### **Replacement Parts**

**Part Numbers** 

	<u> </u>
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** 



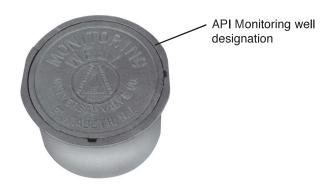
# **MONITORING WELL MANHOLES**

# **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

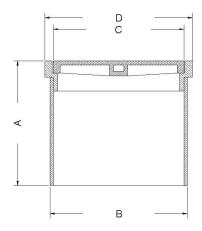
#### Construction -

- · 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	Description
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



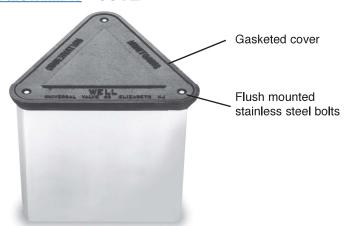
# **MONITORING MANHOLES**

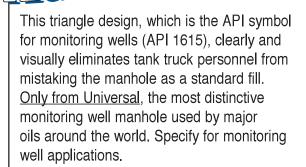
# TRIANGULAR MANHOLE BOLTED

#### **Application** -

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

#### Part Number - 65TE





#### 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

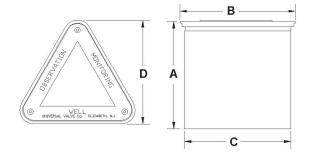
#### **Construction** -

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

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

#### **Replacement Parts**

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



# ONITORING 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.

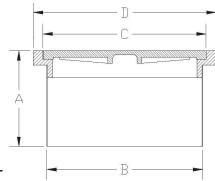
#### Features -

- ✓ 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.)	Α	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- <b>C</b> 3	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)



#### <u>Features</u> -

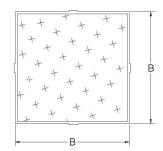
- ✓ Pre-assembled convenience
- ✓ No assembly at site required
- ✓ Cost efficient
- ✓ H-20 Load rating
- ✓ Compatible with E-85

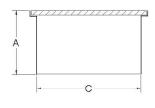
#### **Construction -**

- 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



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!





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



#### Features -

- 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 -**

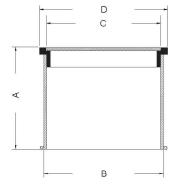
- Fabricated steel ring
- · Buna-N gaskets
- Steel diamond plate cover 12
- · 12 gauge galvanized skirts\*

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"	

<sup>\*</sup>Custom Skirt Length Available. Call Customer Service for Details.

# THE SALL

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".



#### **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

# THE REAL PROPERTY OF THE PARTY OF THE PARTY

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".

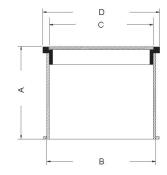
Universal manhole covers never bend or wobble.

Cover

#### 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 <b>-</b> BT	Bolt (Model 78)	88-48-A1	48" Diamond Plate Cover
78-GASKET	Gasket Tape		



# **MANHOLES**

## **MULTI-ACCESS MANHOLES**

#### **Application** -

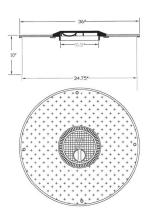
Utilized to access the fuel riser without removing the large, heavy manhole cover. Removal of the large cover allows access to the containment sump.

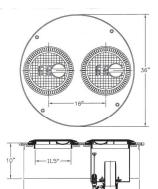
#### **Part Number** - 78DA, 78TA & 78QA



#### 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

Options:

36", 38", 42" and 48"

Designates diameter

of manhole

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 -

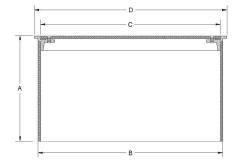
- ✓ Gasketed, bolted cover for total rain-tight service.
- ✓ Rugged cast ring for maximum strength
- ✓ Carries H-20 load rating requirements
- ✓ Bolted rain-tight cover on 98 model
- ✓ Compatible with E-85

#### **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.)	Α	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

113		
Description	Part Numbers	Description
Pop Rivet	88-12-A1	12" Diamond Plate Cover
Bolt	98-12-A1	12" Bolt Down Diamond Plate Cover
18" Ring and Skirt	88-1212-WOC	12" Ring and Skirt
18" Diamond Plate Cover	98-1212-WOC	12" Ring and skirt Bolt Down
18" Ring and Skirt Bolt Down		
18" Bolt Down Diamond Plate Cover		
18" Gasket (model 98,98MW)		
	Pop Rivet Bolt 18" Ring and Skirt 18" Diamond Plate Cover 18" Ring and Skirt Bolt Down 18" Bolt Down Diamond Plate Cover	DescriptionPart NumbersPop Rivet88-12-A1Bolt98-12-A118" Ring and Skirt88-1212-WOC18" Diamond Plate Cover98-1212-WOC18" Ring and Skirt Bolt Down98-1212-WOC18" Bolt Down Diamond Plate Cover

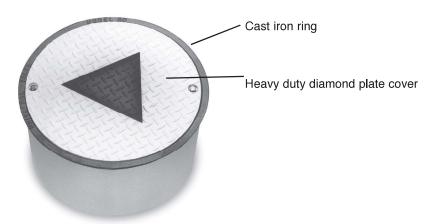
# **MONITORING MANHOLES**

# **ROUND STEEL BOLTED MANHOLE**

#### **Application** -

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

#### Part Number - 98MW

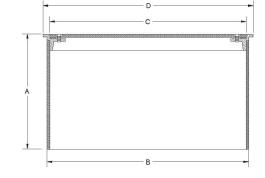


#### Features -

- ✓ 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
- · 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**

i dit itallibero	Becomption
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

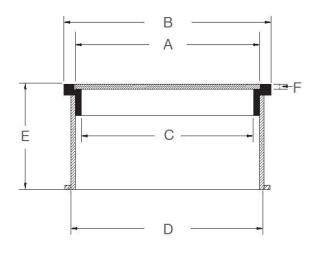
#### **Construction -**

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



# <u>LIGHT WEIGHT MULTI-PURPOSE MANHOLES</u>

# **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

# UNIVERSAL COMPOSITE

H-25 Load Rating

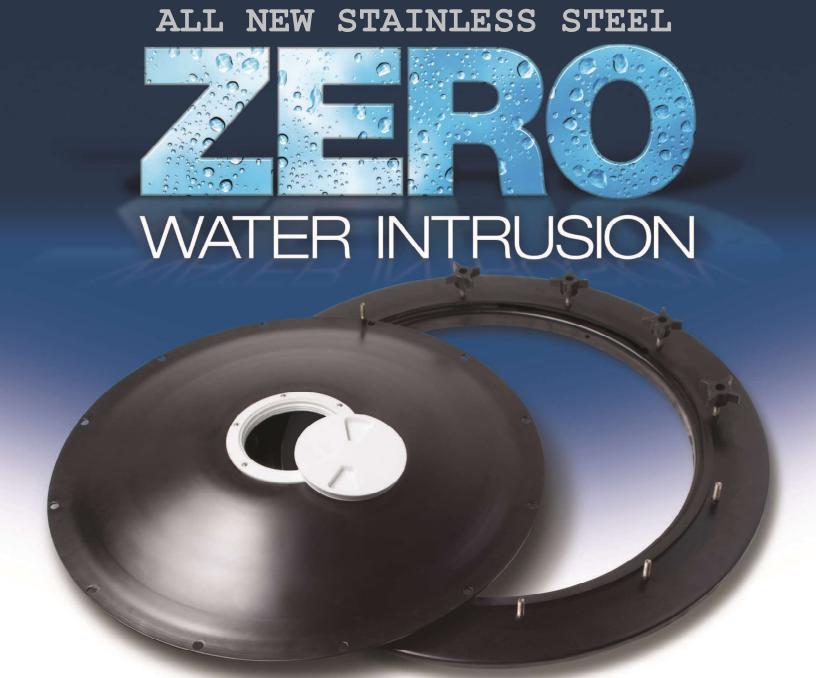
Using the Latest
Composite Technology
for Today's Needs

UNIVERSAL MODEL 108



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# **IDENTIFICATION MARKERS**

# **CAST MARKER**

#### **Application** -

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

#### Part Number - 53

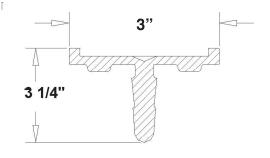


#### Features -

- ✓ 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 <b>-</b> +	+	0.5	53-RU	Regular Unleaded	0.5
53-1	#1	0.5	53-RUE	Regular Unleaded w/Ethan	ol 0.5
53-2	#2	0.5	53 <b>-</b> 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			

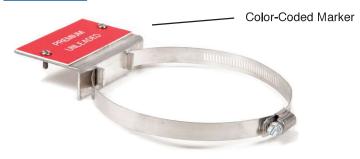
# **IDENTIFICATION MARKERS**

## PIPE CLAMP MARKER

#### Application -

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

#### Part Number - 56

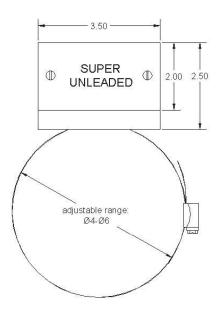


#### Features -

- ✓ 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	Description	Weight (lbs.)		Model	Descri	otion	Weight (lbs.)
56-B	Blank	0.	5	56-RUE	"Regula	ar Unleaded w/Ethand	ol" 0.5
56 <b>-</b> D	Diesel	0.9	5	56-S	Custor	n Marker	0.5
56-E	Ethanol	0.9	5	56 <b>-</b> +	"+" Mar	ker	0.5
56-E85	"E85" Pipe Clamp Ma	arker 0.	5	56-UE	"Unlead	ded w/Ethanol"	0.5
56-FO	Fuel Oil	0.9	5	56-ULT	Ultra		0.5
56-HO	Heating Oil	0.9	5	56-UP	Unlead	ed Plus	0.5
56-K	Kerosene	0.9	5	56-VR	Vapor F	Recovery	0.5
56-P	Premium	0.9	5	56-WO	Waste	Oil	0.5
56-PU	Premium Unleaded	0.9	5				
56-R	Regular	0.9	5	Replacei	ment P	arte	
56-SU	Super Unleaded	0.9	5	Part Numb		Description	
56-U	Unleaded	0.9	5	56-1-A	7013	Bracket	
56-M	Midgrade	0.9	5	56-C1		Screw For Marker	
56-MU	Midgrade Unleaded	0.9	5	56-D1		Band	
56-RU	Regular Unleaded	0.5	5	JU-D1		Dailu	

56 Marker



# **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



53 Marker

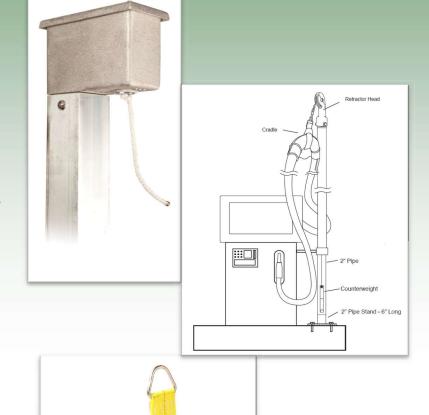
### GAS-DIESEL-EV RETRACTORS

# **Extend the life of your Hoses and Cables**

Over time pulling the hoses and cables across the ground from the dispenser or charger to the vehicle will eventually wear through the hose or outer insulation of the cable, requiring an expensive full hose or cable replacement. Plus a hazardous condition!

Installing a Universal retractor and hose bun (cable cradle) will add years of service to your Dispenser Hoses and EV charging station.

Be Sure, Be Safe, Choose Universal!





Universal Valve Co., Inc.
478 Schiller St—Elizabeth, NJ 07206
800-223-0741
www.universalvalve.com

# DROP TUBES AND ACCESSORIES

# STICK PORT FLAPPER

### **Application** -

Protects stick ports from accidental product drops.

### **Part Number - JH69**



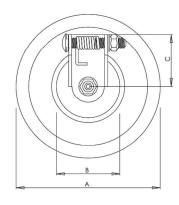
### Features -

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

### **Construction -**

- · Stainless Steel
- Buna-N

Model	Weight (Ibs.)	Α	В	С
JH69-4	1.25	4.25"	1.5"	1.5"



# ACCESSORIES - TRUCK STOPS

# **HOSE BUN**

### Application -

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

### **Part Number - 100HB-100**





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

### Features -

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

### Construction -

- · Durable polyurethane construction
- · Metal clamps included

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

# **PIPE LINE ACCESSORIES**

# **ISOLATOR**

### **Application** -

Isolating the flexible connector from the surrounding soil.





Only form Universal! - Fast and simple. Our heat shrinking design conforms to the shape of the flexible connector and adjoining fittings.

### Features -

- ✔ Forms a barrier against water, moisture, dirt, and other contaminants
- ✓ Isolates the metal parts from the soil, meeting EPA requirements
- ✓ Interior wall features a heat-activated thermoplastic sealant, which when heated, softens and bonds to the underlying surfaces, and fills small voids
- ✓ Conforms to the shape of the flexible connector and adjoining fittings

### Construction -

- Continuous 4 foot, 40 mil tubing
- Manufactured from specially-formulated cross-linked polyolefin
- · Fuel, chemical, and split resistant

Model	Size	Weight (lbs.)
211-QB3	3" diameter covers 2"	
	flexible connector	
	(packaged 15 per box)	1.3 ea.
211-QB4	4" diameter covers 3"	
	flexible connector	
	(packaged 10 per box)	1.8 ea.





# ACCESSORIES - 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 -

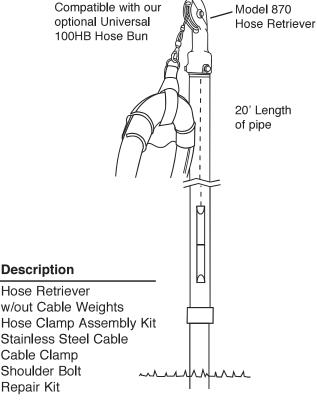
- ✓ Allows safe, easy fueling of trucks
- ✓ Head permits 360° rotation for total service in any direction
- ✓ Installs on a 20' length of 2" pipe
- ✓ Rugged cast iron body and weights
- ✓ Compatible with E-85

### 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

7	

Only from Universal! - The original is still the best! Installed at truck stops for over 50 years - 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 Hosebun. See price sheet for model numbers.

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

### **Replacement Parts**

Replacement Parts				
Part Numbers	Description	Part Numbers	Description	
521KR-E	3/8" Nut	870-7-8	Hose Retriever	
521KR-F	Lock Washer		w/out Cable Weights	<del> </del>
870-7-1A	Weight Assembly	870 <b>-</b> 7- <b>II</b>	Hose Clamp Assembly Kit	<b></b>
870-7-1	Single Weight	870 <b>-</b> E	Stainless Steel Cable	
870-7-3	Base	870 <b>-</b> F	Cable Clamp	
870-7-4	Pulley	870-M	Shoulder Bolt	whalin
870-7-6	Top Housing	870-7-15	Repair Kit	



# **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

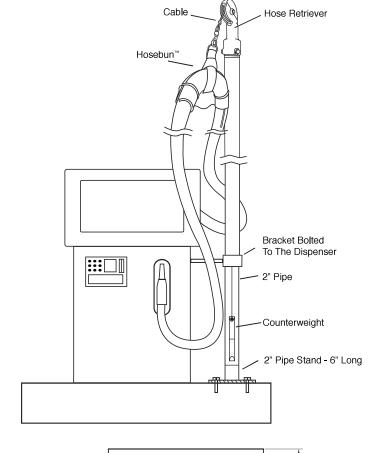
### Model Weight (lbs.)

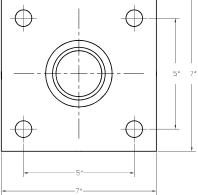
871 30

### **Replacement Parts**

Part Numbers Description
871-BASE Foot Base

871-BRACKET Dispenser Bracket







<sup>\*</sup>Also Availble with Hosebun. 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.

### Features -

- ✓ Easy to install and maintain
- ✓ Adaptable to most dispensers
- ✓ Corrosion resistant construction
- ✓ Long life with minimum service
- ✓ CARB certified
  - ✓ Compatible with E-85

✓ Plastic bushing minimizes cable wear

### Construction -

- Aluminum Post (2"x2")
- Cast iron counterweight
- Plastic bushings
- Black polyester cable
- Includes both side and bottom mounting brackets

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"	27lbs

# Č

### Replacement Parts

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

<sup>\*</sup>Custom heights and counterweights available. Call for options.



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.

Α

В

### 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")
- · Cast iron counterweight
- Plastic bushings
- · Black polyester cable
- · Includes both side and bottom mounting brackets

Model	Weight (lbs.)	Α	В	С	Counter 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** Cover Pullev 880-5 880-MBC Square Bracket Weight Assembly (1-1/2" x 1-1/2") 880-8 Bushing 880-WA-CR Weight Assembly (882) (1-3/4" x 1-3/4") 880-8A Black Nylon Rope 880-WA-2-CR 880-A Body 880-AC Body Assembly 880-B Base 880-CA Cover Assembly 880-C Cover

<sup>\*</sup>Custom heights and counterweights available. Call for options.

# TANK MONITORING

# **LIQUID LEVEL GAUGE & SAMPLER**

### Application -

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





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

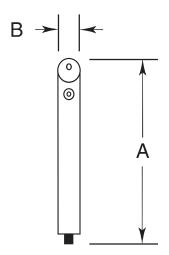
### Features -

- 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"



# DROP TUBES AND ACCESSORIES

# **TANK BOTTOM SHEILD**

### Application -

Protects tanks from punctures due to guage sticks, avoiding costly leakage from damaged tanks.

### Part Number - 1101



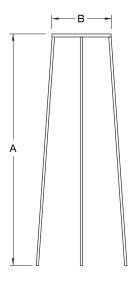
### Features -

✓ Designed to slide through a 4" drop tube for easy retro-fit.
Fuel resistant pad helps absorb impact shock from guage sticks.

### **Construction** -

- Steel body
- · Dielectric nylon fastners

Model	Weight (lbs.)	Α	В
1101-40	1.60	16.25"	3.50"



# **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 -**

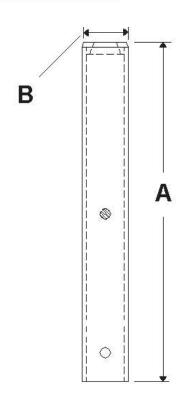
· Clear plastic tube complete with rope

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

### **Replacement Parts**

Part Numbers	Description
1100 [	Nulsa Dana (00ff)

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





<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"

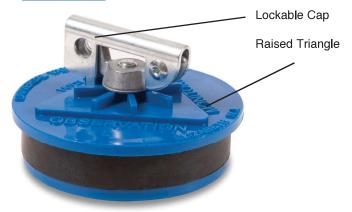
# **MONITORING WELL ACCESSORIES**

# **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.

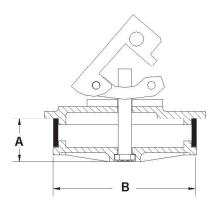
### Features -

- ✔ 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

<sup>\*</sup>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**

Part Num	bers	Description
1943-06-V	WHT	Monitor Cover/Ring Assembly
1943-PK		Replacement Knobs
1943 <b>-</b> TB		Turnbuckles
1943-TUE	BE .	Cross Bars
1943-Ten	В	Tension Block
1943-212	8-G	Gasket
1943-2533	3-G	Gasket
1943-273	4-G	Gasket
1943-3240	0-G	Gasket
1943-GK		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** -

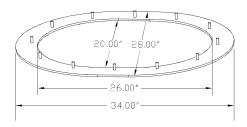
- Steel
- · Epoxy painted

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

# THE SALL

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**

riepiacement i arts		
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**

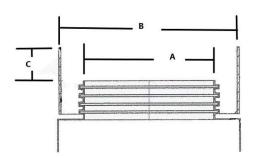
Universal's retrofit cover truly eliminates water leakage. Our DOUBLE SEAL design keeps your sumps completely dry! Quick 1 stop install. No waiting for glues or adhesives to dry overnight!



**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\*\*\*\*\*



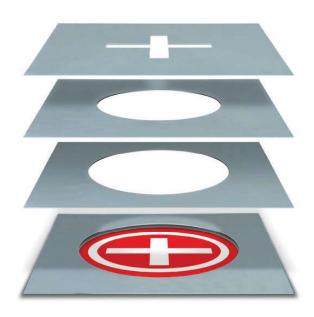
# ACCESSORIES RE-USABLE PAINT TEMPLATES

# **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	<b>Description</b> (Width is outside pipe dimension)	Weight (lbs.)
1983-353656	U-Shape Pipe Guard 3.5" OD x 36"w x 56"h	70.00
1983-354153	U-Shape Pipe Guard 3.5" OD x 41"w x 53"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
1983-353656-SS	U-Shape Pipe Guard 3.5" OD x 36"w x 56"h	70.00
1983-354153-SS	U-Shape Pipe Guard 3.5" OD x 41"w x 53"h	70.00
1983-354850-SS	U-Shape Pipe Guard 3.5" OD x 48"w x 50"h	70.00

<sup>\*</sup>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)	Α	В	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"

<sup>\*</sup>Custom sizes available

# **PIPE GUARDS**

# **U-SHAPE GUARDS - WITH PVC INSTALLATION SLEEVES**

### Application -

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



### Features -

- ✓ Cost effective property and equipment protection
- ✓ Equiped with PVC Installation Sleeves

### **Construction -**

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

Model	Description	Sleeve
1983K-353656	U-Shape Pipe Guard 3.5" OD x 36"w x 56"h	4"
1983K-354153	U-Shape Pipe Guard 3.5" OD x 41"w x 53"h	4"
1983K-354850	U-Shape Pipe Guard 3.5" OD x 48"w x 50"h	4"
1983K-403656	U-Shape Pipe Guard 4" OD x 36"w x 56"h	6"
1983K-404153	U-Shape Pipe Guard 4" OD x 41"w x 53"h	6"
1983K-404174	U-Shape Pipe Guard 4" OD x 41"w x 74"h	6"
1983K-404354	U-Shape Pipe Guard 4" OD x 43"w x 54"h	6"
1983K-404851	U-Shape Pipe Guard 4" OD x 48"w x 51"h	6"
1983K-404951	U-Shape Pipe Guard 4" OD x 49"w x 51"h	6"
1983K-353656-SS	U-Shape Pipe Guard 3.5" OD x 36"w x 56"h	4"
1983K-354153-SS	U-Shape Pipe Guard 3.5" OD x 41"w x 53"h	4"
1983K-354850-SS	U-Shape Pipe Guard 3.5" OD x 48"w x 50"h	4"

<sup>\*</sup>Custom sizes available

# **BOLLARDS**

### Application -

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

### *Part Number -* 1984



### Features -

Cost effective property and equipment protection

### Construction -

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

Model	Diameter	Length
1984-4063	4.0"	63"
1984-4084	4.0"	84"
1984-6063	6.625"	63"
1984-6084	6.625"	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"

<sup>\*</sup>Custom sizes available

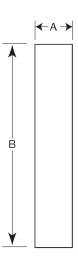
# **BOLLARDS WITH BASE PLATES**

### 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"

<sup>\*</sup>Custom sizes available

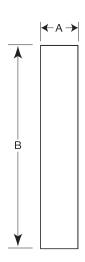
# **BOLLARDS** - WITH PVC INSTALLATION SLEEVES

### **Application** -

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

### Part Number - 1984K





### Features -

- ✓ Cost effective property and equipment protection
- ✓ Equipped with PVC installation sleeve

### **Construction -**

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

Model	Diameter	Length
1984K-4063	4.0"	63"
1984K-4084	4.0"	84"
1984K-6063	6.625"	63"
1984K-6084	6.625"	84"
1984K-4063-SS	4.0"	63"
1984K-4084-SS	4.0"	84"
1984K-6063-SS	6.625"	63"
1984K-6084-SS	6.625"	84"

<sup>\*</sup>Custom sizes available

# **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

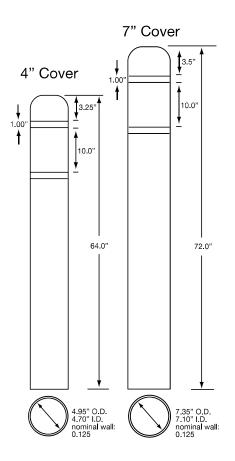


- 10 Standard colors
- ✓ 7 Reflective tape colors
- ✓ 8 Standard sizes for 4", 6", 8", & 10"
- ✓ Patented GripperTabs<sup>™</sup> installation is the fastest and easiest way to secure bollard covers

### **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 Cover Colors:		Tape Colors:		
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:**

(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:**

2 = 9" Tall Width: 3', 4' 5' Length: Starting at 4' M

Material: SS for Stainless Steel Empty for Galvannealed Steel

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



### **End Caps:**

3 = 13" Tall

EC-FR Length: 24", 30", 36" Material: SS for Stainless Steel
3 = 13" Tall 48", 60" Empty for Galvannealed Steel

in 1 ft increments

(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)



# IE" ISLAND 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 -

- ✓ 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:**

Width: 4', 5' Length: Starting at 6' 2 = 9" Tall 3 = 13" Tallin 1 ft increments

Material: SS for Stainless Steel Empty for Galvannealed Steel

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



### **End Caps:**

2 = 9" Tall Width: 36", Length: 12", 18", Material: SS for Stainless Steel 3 = 13" Tall 48", 60" 24", 30", 36" **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 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)

### **Cross Braces:**

3CB-Length: 30", 36", 48", 60"

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

### **Tapered Rails:** (9" Taper 24" Long)

2 = 9" Tall Material: SS for Stainless Steel R for Right 3 = 13" Tall L for Left Empty for Galvannealed Steel

(example: 3RTR-24-SS 13" tall Right 9" Taper 24" Long Stainless Steel)



# **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:**

2 = 9" Tall Width: 12", 18", 24" Material: SS for Stainless Steel
3 = 13" Tall Empty for Galvannealed Steel

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



### **Side Rails:**

SR- SR- 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)



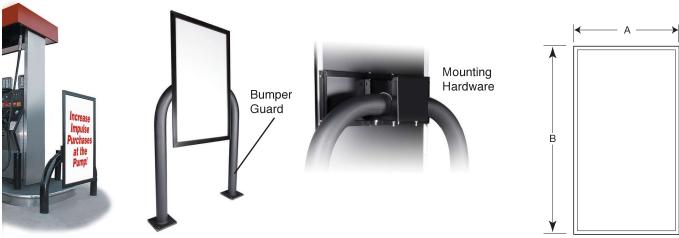
# **BumperBoard™ U-Shaped Guard Mount**

### 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 -

- Epoxy coated aluminum frames
- · Heavy duty spring clips

					Poster
Model	Description	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"
1999-2844-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"
1999-3644	BumperBoard 36" x 44" w/ ubolt mounting box	25	37 -1/8"	45 -1/4"	36" x 44"
1999-3644-2	BumperBoard Secondary Sign 36" x 44" (no mounting bracket)	25	37 -1/8"	45 -1/4"	36" x 44"
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	-	-	-

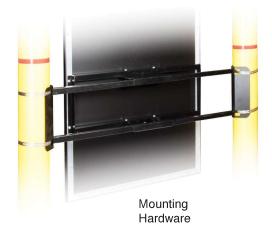
# BumperBoard™ Dual Bollard Mount

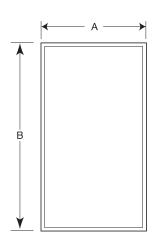
### Application -

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 -

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

Model Bearinties Weight (lbs) A B Issued C	
Model Description Weight (lbs) A B Insert S	<u>size</u>
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 4	14"
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 4	14"
1999-2844-2 BumperBoard Secondary Sign 28" x 44" (no mounting bracket) 14 29 -1/8" 45 -1/4" 28" x 4	ļ4"
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 4	13"
1999-3644-BM Standard 36" x 44" Sign with Dual Bollard mounting Bracket (formerly 1999-BM-2) 25 37 -1/8" 45 -1/4" 36" x 4	ļ4"
1999-3644-2 BumperBoard Secondary Sign 36" x 44" (no mounting bracket) 25 37 -1/8" 45 -1/4" 36" x 4	ļ4"
1999-BM Dual Bollard Mounting Bracket Bollard Span (28" x 48") 15	
1999-BM20 Dual Bollard Mounting Bracket Bollard Span (20" x 38") 15	

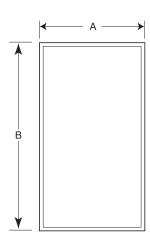
# BumperBoard™ Single Bollard/Pole Mount

### 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 -

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

Model	Description	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"
1999-3644	BumperBoard 36" x 44" w/ ubolt mounting box	25	37 -1/8"	45 -1/4"	36" x 44"
1999-3644-2	BumperBoard Secondary Sign 36" x 44" (no mounting bracket)	25	37 -1/8"	45 -1/4"	36" x 44"
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				
	(formerly 1999-2844-U-MO) Up to 4.5" OD Pipe	8	-	-	-

# THE WALLI™

### **Application** -

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

### Part Number - 1999-Walli



# UNIVERSAIL Advinces

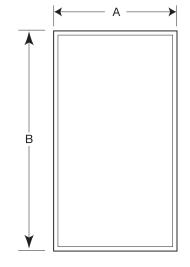
The Universal Sign System Strategically Brings Your Customer Into The Store...Ready To Spend...
Because It's The **ONLY** Sign System That Starts
At The Pump, And Finishes In The Store.

### 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 -

- · Epoxy coated steel frames
- · Heavy duty spring clips
- · Sign inserts available with any graphics, messages, and logos
- · 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.

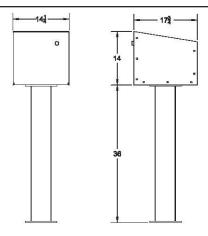
### *Part Number -* 1975-, 1975W







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



### Features -

- ✓ 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-FA12-175-SS	Post mount Stainless Steel 1/2hp HD Truck Comp (painted hd-post)
1975-FA12-175-HR-SS	Post mount Stainless Steel 1/2hp HD Truck Comp (painted hd-post) w/ Hose Reel
1975-FA34-SS	Post mount Stainless Steel (painted hd-post)
1975-FA34-HR-SS	Post mount Stainless Steel (painted hd-post)w/ Hose Reel
1975-FA34-HR-GSS	Post mount Stainless Steel (Galvanized hd-post)w/ Hose Reel
1975-FASV-SS	Post mount Stainless Steel Solenoid valve no internal Comp
	(painted hd-post)
1975W-FA34-SS	Wall mount Stainless Steel
1975W-FASV-SS	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



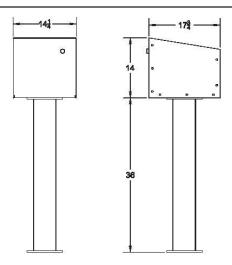


1975-CO34-SS-C

1975W-CO34-SS-C



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

Wall mount Stainless Steel
Post mount Stainless Steel w/ counter (painted hd-post)

Wall 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 <b>-</b> 15	Coin Timer
1975-15-A	Free Air Timer
1975-16	Free Air Push Button
1975-17	Door Lock Assembly
1975 <b>-</b> 19	Air Hose
1975 <b>-</b> 19M	Air Hose w/ metal braiding
1975 <b>-</b> 20	Tire Chuck and Gauge
1975-22-SS	Wall mount Bracket
1975 <b>-</b> 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	"50 cents" Instruction Sticker
1975-KEY	Door Key
1975-LK	Heavy Duty Lock Kit
1975-POST-SS	Post Assembly (Stainless Steel) -optional  "Instructions" Sticker for Free Air
1975-STINS	
1975 <b>-</b> WARN	"Warning" Sticker

### Gast Compressor Replacement Parts (71R642)

Part Number	<b>Description</b>
1975-34G	Compressor Relief Valve -Gast Compressor
1975 <b>-</b> 35G	Air Compressor Air Filter-Gast Compressor
1975-K557D	Gast Benair Kit

### Gast Compressor Replacement Parts (87R642)

Part Number	Description
1975 <b>-</b> 34G	Compressor Relief Valve -Gast Compressor
1975 <b>-</b> 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.

# THE STANDARD!



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### **Manholes:**



- Composite: H-25 Load Rated 25% stronger then the competitor!
- Composite: Fuel Resistant Resins
- Steel Manholes: True H20 load rated with ½" thick diamond plate.
- All Manholes: Flanged Bottom skirt eliminates deflection during concrete pour and acts as a 360-degree concrete block.
- All Manholes: Steel construction ring eliminates oblong ring during concrete pour.
- All Manholes: Made in the USA!

### **Island Forms:**



- Easy alignment tabs for perfect seams
- Sliding Braces for no field welding
- Available in Primed Carbon steel and Stainless Steel
- Made in the U.S.A.

# **Pipe Guards:**





- Schedule 40 structural pipe Never cheap tubing or inferior overseas pipe.
- Stainless Steel and Primed Carbon Steel
- Available in 3.5" and 4" OD pipe
- Custom Sizes available!
- Made in the U.S.A.

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