

AST Catalog

For the Most Complete & Up-to-Date Product Information Please Visit Us at www.universalvalve.com



478 Schiller St • Elizabeth, NJ 07206 1-800-223-0741 • (F) 1-800-443-8258 • sales@universalvalve.com





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



Universal Valve Co. | 478 Schiller Street, Elizabeth, NJ 07206

<u>Unsubscribe {recipient's email}</u>

MODEL 49 OVERFILL VALVE UST/AST

UL approved for both Pressure and Gravity fills!

Universal Valve: Model 49, protects against gravity filling into a typical "AST Tank". If you have installed an "AST Tank" in a basement or below the grade of the fill point and you gravity fill, you could be at risk of an overfill. Universal is UL approved for both Pressure Fill and gravity fill with no minimum flow rate!

- UL Approved for Pressure and Gravity Fills
- No minimum flow rate
- 1 part number for direct or remote fills
- Available in an E-85 and B-100 versions
- Built and tested in the U.S.A. !

Be Sure, Be Safe, Choose Universal!



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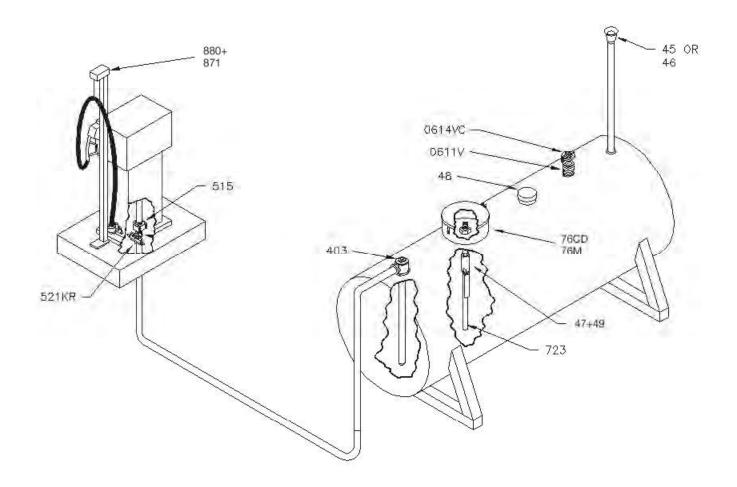


TYPICAL ABOVE GROUND TANK APPLICATION

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

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

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





ABSORBENTS

The Ultimate 20 Gallon Emergency Spill Response Kit

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

Part Number	Size
2005-SKA-20	(25) 15" x 19" Pads
	(4) 3" x 4' Socs
	(2) 18" x 18" Pillows
	(1) Safety Goggles
	(1) Pair Nitrile Gloves
	(4) Disposable Bags & Ties
	(6) Tamper Proof Seals
	Shipping Dimensions:
	00" w x 00" L x 10" L

23" w x 23" L x 19" H 23.2 lbs



The Ultimate 55 Gallon Emergency Spill Response Kit

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

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

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Family Owned Over 80 Years. We Care!

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" Medium weight	100 per bale

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



"*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."

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VAPOR VENTS

UPFLOW VENT

Application -

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

Part Number - 45





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

Features -

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

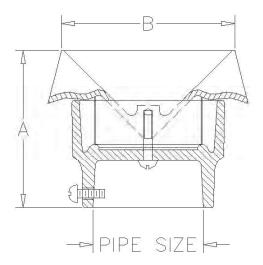
Construction -

- · All metal body
- Bronze screen

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

Replacement Parts

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







VAPOR VENTS

PRESSURE VACUUM VENT

Application -

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

Part Number - 46





<u>Only Universal</u> provides rugged all cast metal construction...built to last. This <u>eliminates</u> 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

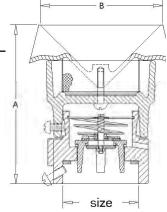
Construction -

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

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

Replacement Parts

Part Numbers	Description
200A-15-H	Cotter Pin
45-20	2" Upflow Vent
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)



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The Best For Over 85 Years!

OVERFILL PROTECTION

2" NPT OVERFILL VALVE

Application -

Features -

No float hang up

2" NPT tank opening
 55gpm at 30PSI
 10PSI = 100gpm

✓ Max 150 Centistokes

Hard coated aluminum
Reinforced closed cell float

✓ Max 100PSI

Construction -

Buna gaskets

Model#

47-20

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

<u>Part Number</u> - 47-20

No minimum flow rate to operate
 No line shock, gradual shut-off

 Prevents overfills in tanks reducing contamination and costly clean-up
 Completely automatic operations
 Easily retrofitted to existing tanks

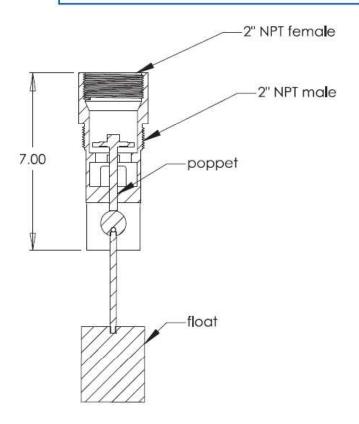
Weight (lbs.)

1.86





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



Replacement Parts

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



OVERFILL PROTECTION

UST WASTE OIL OVERFILL VALVE

Application -

Features -

✓ No float hang up

✓ 4" NPT tank opening
 ✓ 55gpm at 3OPSI
 ✓ 10PSI = 100gpm
 ✓ Max 100PSI
 ✓ Max 150 Centistokes

No minimum flow rate to operate
 No line shock, gradual shut-off

 Prevents overfills in tanks reducing contamination and costly clean-up
 Completely automatic operations
 Easily retrofitted to existing tanks

The new 47-20-USTWO fits 4" tank openings. With no minimum flow rate this valve can be used for a wide variety of applications.



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

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



Optional funnel

Ponlacoment Parts

V Max 150 Centistokes		Part Number Description		
 Construction - Hard coated aluminum Reinforced closed cell float Buna gaskets 		49-C 49-CAP 49-D 47-USTF	2" Fill Adapter 2" Fill Cap 2"x 4" Adapter Coupling UST Waste Oil Funnel	
Model#	-	Weight (l	bs.)	
47-20-USTWO	UST Waste Oil Overfill Valve	5.6 lbs	-	
47-20-USTWOF	UST Waste Oil Overfill valve w/ Funn	el 6.9 lbs		

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AST EMERGENCY VENTS

BLOW OFF VENTS

Application -

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

Part Number - 48



UNIA BERGE

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

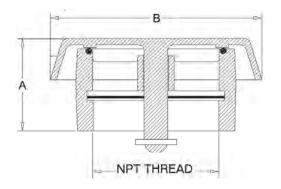
Features -

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

Construction -

· Rugged epoxy coated cast iron body

Model	Thread Size	Weight (Ibs.)	CFH Chart	А	в
	0.20	• • • •			_
48-40	4"	18.8	119,750	6"	7-1/2"
48-60	6"	30	246,130	6"	10"
48-80	8"	39	462,000	6"	12-1/2"
48M-40	4" Male	20.3	119,750	6-1/4"	7-1/2"
48M-60	6" Male	31.5	462,000	6-1/4"	10-1/4"





OVERFILL PROTECTION VALVES

AST/UST VALVE

Application -

Prevent overfills in AST's and UST's.

Part Number - 49



Features -

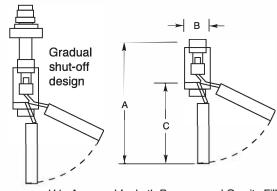
- ✓ No line shock, gradual shut-off design
- No stress on system
- No float hang-up
- Prevents overfills reducing contamination and costly clean-up
- Completely automatic operation
- Easily retro-fitted to existing tanks
- Shipped with fill adapter
- ✓ Adjustable collar provides simple installation
-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

Construction -

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

INMARSAL

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



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

Model	Fill Adapter Size	Weight (Ibs.)	Α	В	С
49-02	2"	10.0	22-3/8"	3-11/16"	
49-03*	3"	10.0	22-3/8"	3-11/16"	

Both models fit 4" tank opening

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

Replacement Parts

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

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

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BALL VALVES

FULL PORT

Application -

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

<u>Part Numbers</u> - 213FP



Features -

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

Construction -

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

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

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ANGLE CHECK VALVES

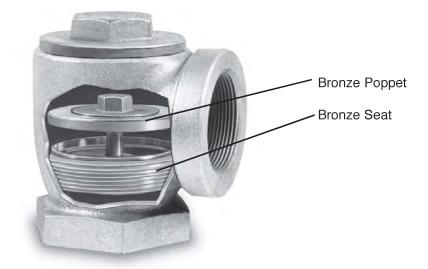
SUCTION SYSTEMS

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

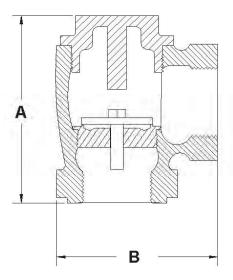
Construction -

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

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

Replacement Parts Part Numbers Description

401-15BC	1-1/2" Cap
401-20BC	2" Cap





ABOVE GROUND TANK VALVES

ANTI-SYPHON VALVE

Application -

Reducing fire hazards and preventing fuel spillage should a line rupture. The flow would automatically stop the syphon effect. *Also available with pressure relief for thermal expansion (403PR).

Part Number - 403



Features -

- Precision machined valve seats
- Automatic shut off syphon effect

- ✓ Prevents fuel spillage
- ✓ No need to specify head settings when ordering
- PR opens 15-35PSI



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

Construction -

- Zinc plated cast iron body
- **Buna-N seals**
- Now Available in optional E-Coated Ductile Iron Casting (-D)

Replacement **Parts Part**

M	THA		
-	HHH	J.	
- Contraction		S	<u>4000</u>
	A Contraction of the second		

Description

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

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

Ductile Iron Part Numbers Specs same as Above

403-34-D	403-15-D
403PR-34-D	403PR-15-D
403-10-D	403-20-D
403PR-10-D	403PR-20-D

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Unmatched Value!

ABOVE GROUND TANK VALVES SOLENOID VALVES

Application:

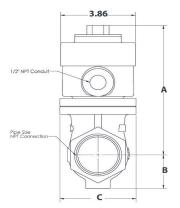
Reducing Fire hazards and fuel spillage should a line rupture. The valve opens when energized from a dispenser or pump switch.

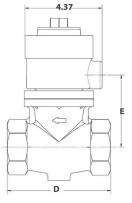
Part Number - 404V



UNIVERSAL ADVANTAGE:

Heavy duty two way normally closed, one directional flow. Piston style design for high flow and zero differential. No need to specify 120V/60 or 24V/DC when ordering.





Features-

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

Construction-

- Bronze Body & Piston
- Stainless Steel Body & Piston
- FKM Seals Standard

PipeSize	3/4"	1"	1 1/2"	2"	3"
(A) Height	6.39	6.81	7.53	7.53	9.29
(B) Height	1.30	1.61	1.95	1.95	4.33
(C) Width	3.00	3.54	3.94	3.94	6.42
(D) Face to Face	3.94	4.80	5.85	5.85	9.02
(E) Center to Center	3.12	3.27	4.21	4.21	5.98
Flying Leads	18"	18"	18"	18"	18"

Part Number	Material	<u>Pipe Size</u>
404V-750-120/60-24DC	Bronze	3/4"
404V-10-120/60-24DC	Bronze	1"
404V-15-120/60-24DC	Bronze	1.5"
404V-20-120/60-24DC	Bronze	2"
404T-30-120/60	Bronze (Teflon Seal)) 3"
404V-10-120/60-24DC-SS	Stainless Steel	1"
404V-15-120/60-24DC-SS	Stainless Steel	1.5"
404V-20-120/60-24DC-SS	Stainless Steel	2"



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

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Unmatched Value!

ABOVE GROUND TANK VALVES SOLENOID VALVES-FLANGED

Application:

Features-

ordering

Construction-

Teflon Seals

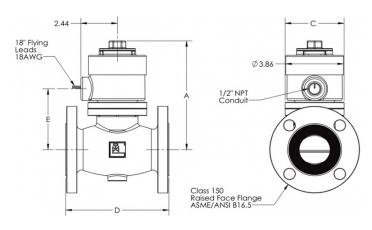
Reducing Fire hazards and fuel spillage should a line rupture. The valve opens when energized from a dispenser or pump switch.

Part Number - 404T



UNIVERSAL ADVANTAGE:

Heavy duty two way normally closed, one directional flow. Piston style design for high flow and zero differential. No need to specify 120V/60 or 24V/DC when ordering.



PipeSize	2"	3"
(A) Height	7.53	9.29
(C) Width	3.94	6.42
(D) Face to Face	6.89	8.66
(E) Center to Center	4.21	5.98
Flying Leads	18"	18"

Stainless Steel Body & Piston

Zero Differential - Direct Lift

Internal Pressure Relief

Higher Flow than Diaphragm Valves

No Need to Specify 120V/60 or 24V/DC when

Part Number	Material	Pipe Size
404T-20F-120/60-24DC-SS	Stainless Steel	2"
404T-30F-120/60-SS	Stainless Steel	3"



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

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PIPE CAP

Application -

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

Part Number - 412



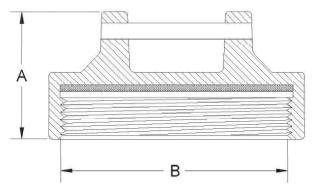
Features -

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

Construction -

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

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



Replacement PartsPart NumbersDescription412-4-BGroove 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



Model 418

Model 418TM



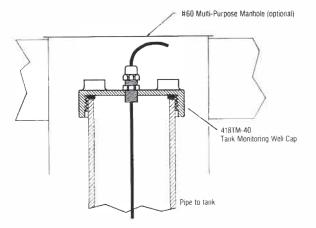
Only from Universal! – The 418TM-40 is easy to install and remove, because of the top ears configuration. Ribbing on the side allows easy hand tightening.

Features -

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

Construction -

- · Reinforced composite plastic construction
- Buna-N seal



	Thread	1	Cable Gripping	Replacement P	arts
Model	Size	Weight (lbs.)	Range	Part Numbers	Description
418-40	4"	0.5	-	- 418-4-B	Gasket
418TM-40	4"	0.5	.138315	418TM-4-A	3/8" Cord Connector
418TM-40-125	4"	0.5	.079236	418TM-4-B	1/2" Cord Connector
418TM-40-15	4"	0.5	.197472	418TM-4-C	1/8" Cord Connector



EXTRACTOR FITTINGS

EXTRACTABLE CHECK VALVES

Application -

Holds prime in suction system applications.

Part Number - 515



Removable front plate



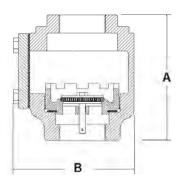
Strategically used in place of foot valves. <u>ONLY UNIVERSAL HAS A</u> <u>METAL-TO-METAL BRASS SEAL.</u>

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

Construction -

· Zinc plated cast iron body



Model	Thread Size	Weight (Ibs.)	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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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.

<u>Part Number</u> - 0611V



Features -

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

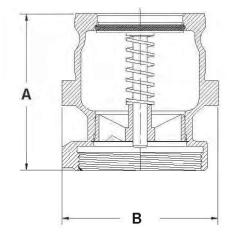
Construction -

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

Model	Size	Weight (Ibs.)	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"

Replacement Pa	rts
Part Numbers	Description

724-44-B Gasl	ket







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





<u>Only from Universal!</u> - 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. <u>Truly the best</u> 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

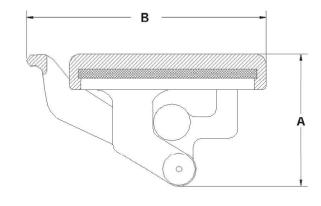
Construction -

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

Model	Size	Weight (Ibs.)	Α	В
0613VC-30	3"	3.6	4"	7-1/2"
Replacemer Part Numbe		Description		

0613VC-3-B Gas

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 -

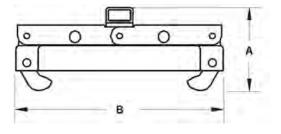
- Cast aluminum body
- Zinc plated steel arms
- · Bronze cam action levers
- · Stainless steel pivot pins
- Buna-N seal

Model	Size	Weight (Ibs.)	Α	В
0614VC-30	3"	1.7	2-7/8"	7"
Replacemer				
Part Numbe	rs	Description		

731-4-C Gasket

UNIVERSAL

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





DROP TUBES & ACCESSORIES



Application -

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

Part Number - RAGSTOPPER



Features -

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

Construction -

- · Carbon steel body
- · Buna-N Seal

Mode	Weight	Diameter
RAGSTOPPER	5oz.	4.25"

*Does not work with coaxial







TOP SEAL ADAPTERS

Application -

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

Part Number - 724



<u>Features</u> -

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

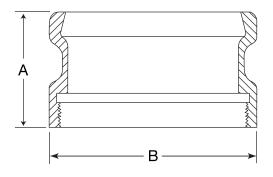
Construction -

- Bronze construction
- Buna-N gasket

Model	Cap Size	Pipe Size	Weight (Ibs.)	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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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.

<u> Part Number</u> - 724CA



<u>Features</u> -

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

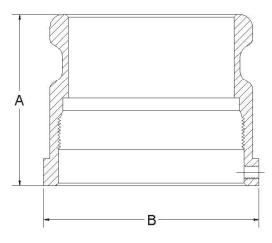
Construction -

- Hard coated aluminum casting
- · Stainless steel set screw

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

Replacement Parts

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



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 (Ibs.)	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 -

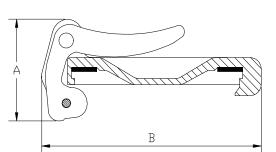
726-30 compatible with 724-3030 and 724-3040

Construction -

- Bronze construction
- Buna-N Gasket

Model	Size	Weight (Ibs.)	Α	в
726-30	3"	1.50	2.00"	5.00"
Replacer	nent Par	ts		
Part Nun	nbers	Description		
726-3-C		Gasket		

726-3-C







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.

<u> Part Number</u> - 731





- ✓ 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 (Ibs.)	Α	В
731-40	4"	3.5	4"	7"

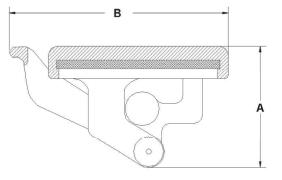
Replacement Parts

Part Numbers	Description
--------------	-------------

731-4-C Gasket



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







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.



INIA

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

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*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



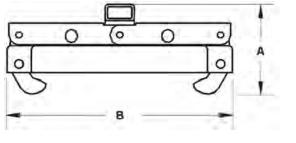
Features -

- ✓ 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 (Ibs.)	Α	В
733-40	4"	1.7	2-7/8"	7"
Replace	ment Parts			
Part Nun		Description		
731-4-C	(Gasket		



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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.

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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.

Part Number - 701, 756





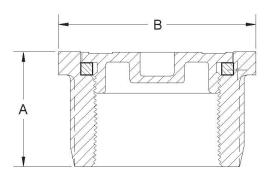
Features -

- ✓ 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 (Ibs.)	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.

<u> Part Number</u> - 1002





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

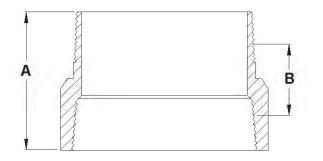
Features -

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

Construction -

· Cast iron body

Model	Size	Weight (Ibs.)	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"





VALVE FITTINGS & ACCESSORIES

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.

<u>Features -</u>

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

Construction -

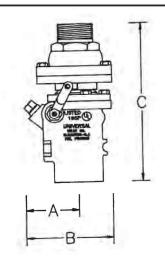
- Zinc-plated/ E-Coated cast iron body and top
- · Stainless steel spring, shaft, and reset nut
- Buna-N seal

VALVE FITTINGS & ACCESSORIES

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.



<u>Replacement Tops</u> -

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

Accessories -

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

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



Quality and Reliability, Since 1932!

VALVE FITTINGS & ACCESSORIES

SINGLE POPPET SAFETY VALVES

Application -

Maximizes safety, and prevents fuel spillage and fire hazard.

Part Number - 521, 522





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

Features -

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

Construction -

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



C

UNIVERSAL VALVEICO. ELIZABE^ITH - N.J.

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VALVE FITTINGS & ACCESSORIES

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"
522RF S- 15	Female	1-1/2"	5.2	2-3/4"	4-1/2"	6-3/8"
522RMS-15	Male	1-1/2"	5.3	2 - 3/4"	4-1/2"	6-13/16"
522RUS-15	Union	1-1/2"	6.3	2 - 3/4"	4-1/2"	7-5/16"

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



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 Part	S
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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



Only From Universal! A guick, easy and per-

<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

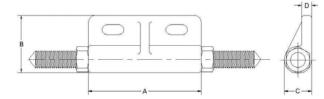
Model	Size	Min.	Max.	Weight (Ibs.)	Α	В	С	D
521KR-8012	8" - 12"	8"	11-3/4"	4.0	5-1/8"	2-1/8"	1-3/8"	1/2"
521KR-1216	12" - 16"	12"	15-3/4"	4.4	5-1/8"	2-1/8"	1-3/8"	1/2"
521KR-1822	18" - 22"	18"	21-3/4"	5.0	5-1/8"	2-1/8"	1-3/8"	1/2"

Replacement Parts

Part Numbers Description

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

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SPILL CONTAINMENT MANHOLES

AST INTERNAL DRAIN

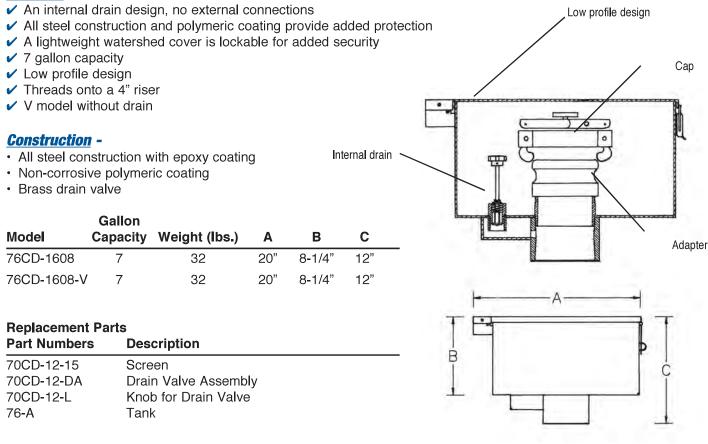
Application -

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

<u> Part Number</u> - 76CD



Features -







OVERFILL PROTECTION

AST 31/2 GALLON CONTAINMENT

Application -

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

Part Number - 76





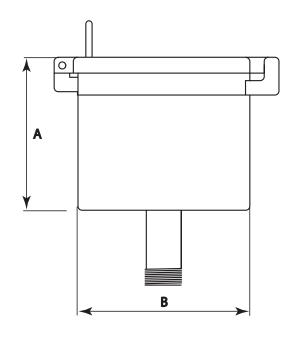
Features -

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

Construction -

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

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







ABOVE GROUND MANHOLES

REMOTE FILL/LOCKING FILL BOX

Application -

AST remote fill requirements.

Part Number - 76RF





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

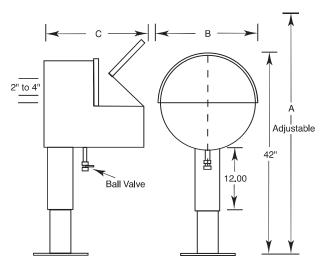
Features -

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

Construction -

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

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



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



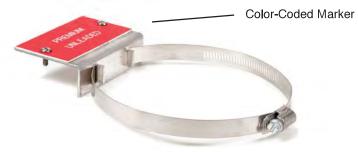
IDENTIFICATION MARKERS

PIPE CLAMP MARKER

Application -

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

Part Number - 56



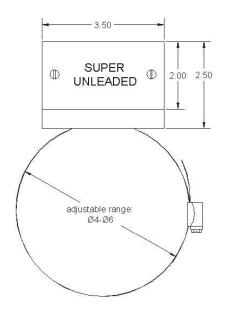
Features -

- 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 Weig	ht (Ibs.)	Model	Description	Weight (Ibs.)
56-B	Blank	0.5	56-RUE	"Regular Unleaded w/Etha	inol" 0.5
56-D	Diesel	0.5	56 - S	Custom Marker	0.5
56-E	Ethanol	0.5	56 - +	"+" Marker	0.5
56-E85	"E85" Pipe Clamp Marker	0.5	56-UE	"Unleaded w/Ethanol"	0.5
56-FO	Fuel Oil	0.5	56-ULT	Ultra	0.5
56-HO	Heating Oil	0.5	56-UP	Unleaded Plus	0.5
56-K	Kerosene	0.5	56-VR	Vapor Recovery	0.5
56-P	Premium	0.5	56-WO	Waste Oil	0.5
56-PU	Premium Unleaded	0.5			
56-R	Regular	0.5	Renlace	ement Parts	
56-SU	Super Unleaded	0.5	Part Num		
56-U	Unleaded	0.5	56-1-A	Bracket	
56-M	Midgrade	0.5	56-C1	Screw For Marker	
56-MU	Midgrade Unleaded	0.5	56-D1	Band	
56-RU	Regular Unleaded	0.5	JO-D1	Dand	

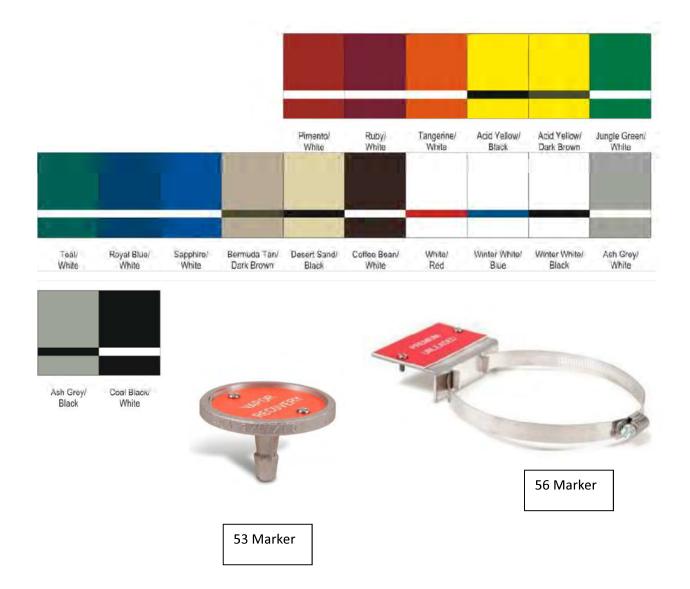




Custom Marker Tag Ordering Procedure:

- 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





Family Owned Over 85 Years. We Care!

DROP TUBES AND ACCESSORIES

STICK PORT FLAPPER

Application -

Protects stick ports from accidental product drops.

Part Number - JH69



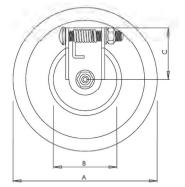
Features -

- ✓ 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

HOSECRADLE

Application -

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

<u>Part Number -</u> 100HC





<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.

<u>Features -</u>

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

Construction -

- Durable polyurethane construction
- · Metal clamps included

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



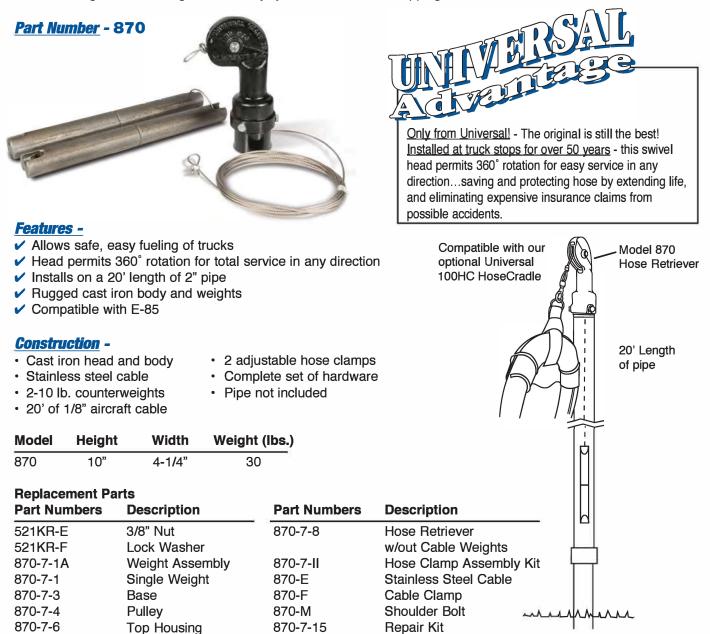


ACCESSORIES - TRUCK STOPS

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.



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

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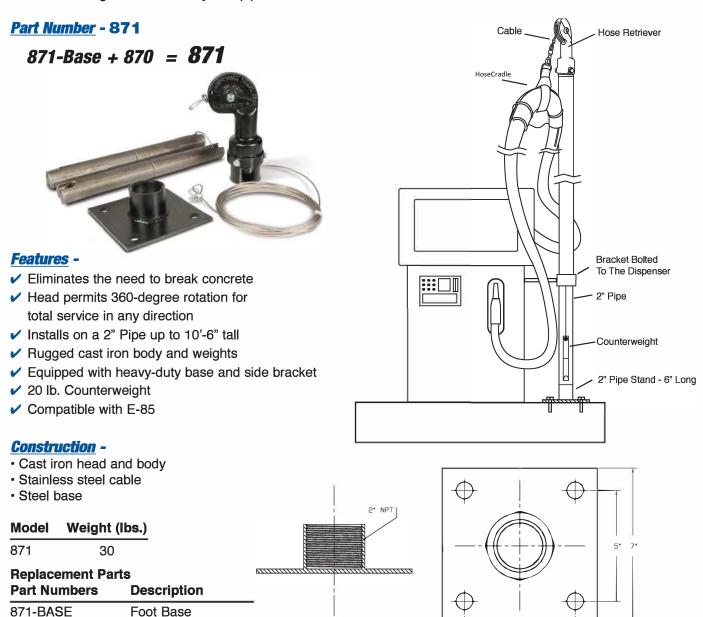
HOSE RETRIEVER

HOSE RETRIEVER

Application -

871-BRACKET

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.



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

Dispenser Bracket





HOSE 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.

✓ Plastic bushing minimizes cable wear

880 + 1" Clamp

882 + 1" Clamp

882 + 3/4" Clamp

880 + 3/4" Clamp

880 + 3/4" & 1" Clamp

882+ 3/4" & 1" Clamp

Part Number - 880/882



Optional Hose Clamp



CARB certified

880-CS10

880-CS34

882-CS10

882-CS34

880-CS34/10

882-CS34/10

✓ Compatible with E-85

Now Available with Hose Clamps



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

Δ

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<u>Features</u> -

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

Construction -

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

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

Replacement Parts

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

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PIPE GUARDS

U-SHAPE GUARDS

Application -

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





Now Available 4" Stainless Steel

<u>Features</u> -

Cost effective property and equipment protection

Construction -

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

Model	Description (Width is outside pipe dimension)	Weight (lbs.)
1983-353656	U-Shape Pipe Guard 3.5" OD x 36"w x 53"h	70
1983-354153	U-Shape Pipe Guard 3.5" OD x 41"w x 51"h	70
1983-354850	U-Shape Pipe Guard 3.5" OD x 48"w x 50"h	70
1983-403656	U-Shape Pipe Guard 4" OD x 36"w x 56"h	86
1983-404153	U-Shape Pipe Guard 4" OD x 41"w x 53"h	86
1983-404174	U-Shape Pipe Guard 4" OD x 41"w x 74"h	130
1983-404354	U-Shape Pipe Guard 4" OD x 43"w x 54"h	86
1983-404851	U-Shape Pipe Guard 4" OD x 48"w x 51"h	86
1983-404951	U-Shape Pipe Guard 4" OD x 49"w x 51"h	86
1983-404972	U-Shape Pipe Guard 4" OD x 49"w x 72"h	130
1983-353656-SS	U-Shape Pipe Guard 3.5" OD x 36"w x 53"h	70
1983-354153-SS	U-Shape Pipe Guard 3.5" OD x 41"w x 51"h	70
1983-354850-SS	U-Shape Pipe Guard 3.5" OD x 48"w x 50"h	70
1983-404153-SS	U-Shape Pipe Guard 4" OD x 41"w x 53"h	86
1983-404174-SS	U-Shape Pipe Guard 4" OD x 41"w x 74"h	130
1983-404354-SS	U-Shape Pipe Guard 4" OD x 43"w x 54"h	86
1983-404851-SS	U-Shape Pipe Guard 4" OD x 48"w x 51"h	86
1983-404951-SS	U-Shape Pipe Guard 4" OD x 49"w x 51"h	86
1983-404972-SS	U-Shape Pipe Guard 4" OD x 49"w x 72"h	130
	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	С
1983-353636-PP	U-Shape Bumper Guard 3.5" OD x 36" x 36"	70	3.5"	36"	36"
1983-353636-SS-PP	Stainless Steel U-Shape Bumper Guard 3.5" OD x 36" x 36"	70	3.5"	36"	36"
1983-354136-PP	U-Shape Bumper Guard 3.5" OD x 41" x 36"	70	3.5"	41"	36"
1983-354136-SS-PP	Stainless Steel U-Shape Bumper Guard 3.5" OD x 41" x 36"	70	3.5"	41"	36"
1983-354836-PP	U-Shape Bumper Guard 3.5" OD x 48" x 36"	70	3.5"	48"	36"
1983-354836-SS-PP	Stainless Steel U-Shape Bumper Guard 3.5" OD x 48" x 36"	70	3.5"	48"	36"
1983-403636-PP	U-Shape Bumper Guard 4" OD x 36" x 36"	86	4.0"	36"	36"
1983-404136-PP	U-Shape Bumper Guard 4" OD x 41" x 36"	86	4.0"	41"	36"
1983-404836-PP	U-Shape Bumper Guard 4" OD x 48" x 36"	86	4.0"	48"	36"

*Custom sizes available



ACCESSORIES

BOLLARDS

Application -

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

Part Number - 1984



<u>Features -</u>

Cost effective property and equipment protection

Construction -

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

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



ACCESSORIES

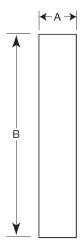
BOLLARDS WITH BASE PLATES

Application -

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

Part Number - 1984-BP





Features -

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

Construction -

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

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

*Custom sizes available

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ESSORIE

BOLLARD COVERS

Application -

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

Part Number - 1984-BC



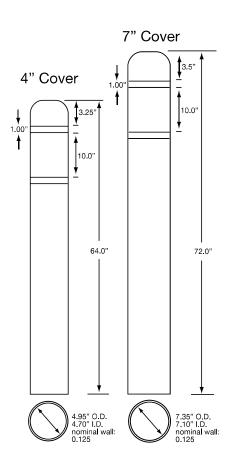
- 10 Standard colors
- ✓ 7 Reflective tape colors
- ✓ 8 Standard sizes for 4", 6", 8", & 10"
- ✓ Patented GripperTabs[™] installation is the fastest and easiest way to secure bollard covers

Construction -

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

	D :	Red	(R)	Red	(R)
Model	Description	Orange	(O)	Orange	(O)
1984-BC452	4"x52" Bollard Cover	Yellow	(Y)	Yellow	(Y)
1984-BC464	4"x64" Bollard Cover	Green	(G)	Green	(G)
1984-BC752	7"x52" Bollard Cover	Blue	(B)	Blue	(B)
1984-BC760	7"x60" Bollard Cover	White Brown	(W) (BN)	White Black	(W) (BK)
1984-BC772	7"x72" Bollard Cover	Tan	(DN) (T)	DIACK	(DR)
1984-BC872	8"x72" Bollard Cover	Gray	(GY)		
1984-BC1060	11"x60" Bollard Cover	Black	(BK)		

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Colors Available

Tape Colors:

Bollard Cover Colors:

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ND FORMS Δ

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.

Construction -

· Primer coated black

12 gauge steel

Features -

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

Complete Island Form Kits:

CK-2 = 9" Tall Width: 3', 4' 5' Length: Starting at 4' 3 = 13" Tall in 1 ft increments

Material: SS for Stainless Steel Empty for Galvannealed Steel

Available in Galvannealed Steel & Stainless Steel (304-SS)



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

End Caps:

EC	-		
2 = 9" Tall	Width: 36",	Length: 24", 30", 36"	Material: SS for Stainless Steel
3 = 13" Tall	48", 60"		Empty for Galvannealed Steel
/			O : I)

(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: 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.

12 gauge steel

Features -

Construction -

- Special slide cross braces require no field welding and are easily moved to
- Primer coated black
- Available in Galvannealed Steel & Stainless Steel (304-SS)
- accommodate many sump sizes✓ Cost effective property protection

Complete Island Form Kits:

CK-	FR		<u> </u>	S I
2 = 9" Tall	Width: 3', 4' 5'	Length: Starting at 4'	Material: SS for Stainless Steel	
3 = 13" Tall		in 1 ft increments	Empty for Galvannealed Steel	
(avample: OCK F		Huvida v 00H Jana Ctainla		1000

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

End Caps:

EC	-FR		
2 = 9" Tall 3 = 13" Tall	Width: 36", 48", 60"	Length: 24", 30", 36"	Material: SS for Stainless Steel Empty for Galvannealed Steel
(avample) OFO		II 40" wide v 00" long Stain	

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

Side Rails:

	SR	
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: 36", 48", 60"

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









ISLAND FORMS

CURBING FORMS

Application -

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

Features -

Cost effective property protection

Construction -

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

Corner Pieces:

C--2 = 9" TallWidth: 12", 18", 24"Material: SS for Stainless Steel3 = 13" TallEmpty for Galvannealed Steel

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



Side Rails:

SR--2 = 9" TallWidth: 1ft increments-3 = 13" Tallup to 12 ft.Empty for Galvannealed Steel(example: 3SR-3-SS 13" tall 3 ft long Stainless Steel)





Unmatched Value!

ISLAND FORMS ISLAND FORMS - CUSTOM

Application:

Protect your most important equipment. Dispensers, ATM's, air machines and much more. Help keep water out of your dispensor sumps. Combine with Universal pipe guards and bollards for maximum protection.

Part Number - 2CK, 3CK



Shown: 3CK-FR415-B18 4'x15'x13" Full radius w/ 18" Bumper Ends



UNIVERSAL ADVANTAGE:

Easy alignment tabs and slide braces, for perfect seems and no field welding.



Shown: 3BT-415-BE24 4'x15'x13" Bow Tie w/ 24" Bumper End

Call 800-223-0741 or e-mail sales (sales@universalvalve.com) for more information and sizes

Shown: 2BT-415 4'x15'x9" Bow Tie

Features-

- Triple Tab seams
- Slide cross braces
- Various lengths and widths
- Bumper end options

Construction-

- 12 gauge steel
- Stainless Steel and Galvaneal Steel
- Galvaneal Primer coated black

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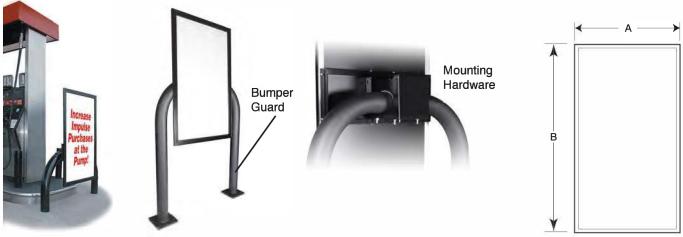
UNIVERSAL SIGNAGE SYSTEMS

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



<u>Features</u> -

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

Construction -

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

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



UNIVERSAL SIGNAGE SYSTEMS

BumperBoard[™] Dual Bollard Mount

Application -

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

Part Number - 1999-2844



Features -

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

Construction -

- Powder coated aluminum frames
- . Heavy duty spring clips

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



Proven Performance Since 1932.

UNIVERSAL SIGNAGE SYSTEMS

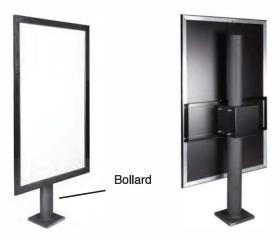
BUMPERBOARD[™] Single Bollard/Pole Mount

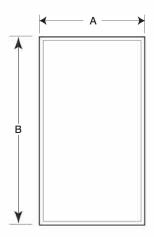
Application -

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

Mounting Hardware

Part Number - 1999-2844





Features -

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

Construction -

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

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



UNIVERSAL SIGNAGE SYSTEMS

THE WALLI[™]

Application -

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

Part Number - 1999-Walli





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

Features -

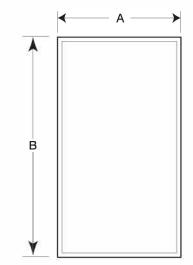
- Highlights your offers and specials
- Stops consumers and brings them into your store
- Enhances your fueling sites
- ✓ Available in standard or rounded corners
- Grabs attention and maximizes sales volume
- Standard size 28" x 44"
- Custom sizes available
- Easy front loading access for your message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

Construction -

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

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

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INFLATORS R

R TOWERS - FREE AIR

Application -

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

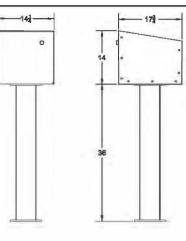
Part Number - 1975-, 1975W







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



<u>Features -</u>	FREE AIR	Description
 Rugged Construction 	1975-FA34-SS	Post mount Stainless Steel (painted hd-post)
 Solid State timer 	1975-FA34-HR-SS	Post mount Stainless Steel (painted hd-post)w/ Hose Reel
✓ 25 ft abrasion and	1975-FA34-HR-GSS	Post mount Stainless Steel (Galvanized hd-post)w/ Hose Reel
weather resistent air hose	1975-FASV-SS	Post mount Stainless Steel Solenoid valve no internal Comp
 Heavy duty tire pressure gauge 		(painted hd-post)
✓ 1/2 HP oilless compressor	1975W-FA34-SS	Wall mount Stainless Steel
 Maximum inflation of 100 psi. 	1975W-FASV-SS	Wall mount Stainless Steel Solenoid valve no internal Comp.
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

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AIR TOWERS - COIN OPERATED

Application -

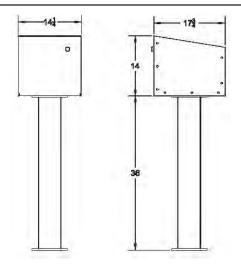
An Air Tower that is customizable to compliment all store designs.

Part Number - 1975-, 1975W





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



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

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 Steel1975-CO34-SS-CPost mount Stainless Steel w/ counter (painted hd-post)1975W-CO34-SS-CWall mount Stainless Steel w/ counter

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AIR INFLATORS **AIR TOWERS REPLACEMENT PARTS**

Air Tower Replacement Parts (71R642)

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

Gast Compressor Replacement Parts (71R642)

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

Gast Compressor Replacement Parts (87R642)

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

WARRANTY

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

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

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

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

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

THE STANDARD!



Bottom Line Performance.



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Choose Universal !!

Manholes:Image: Second s	 Composite: H-25 Load Rated – 25% stronger than 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
Island Forms:	eliminates oblong ring during concrete pour.All Manholes: Made in the USA!
	 Easy alignment tabs for perfect seams Sliding Braces for no field welding Available in Primed galvanneal steel and Stainless Steel Made in the U.S.A.
Pipe Guards:	 Schedule 40 structural pipe – Never cheap tubing or inferior 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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