



AST Catalog

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



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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 than 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 store's 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

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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 overflow. 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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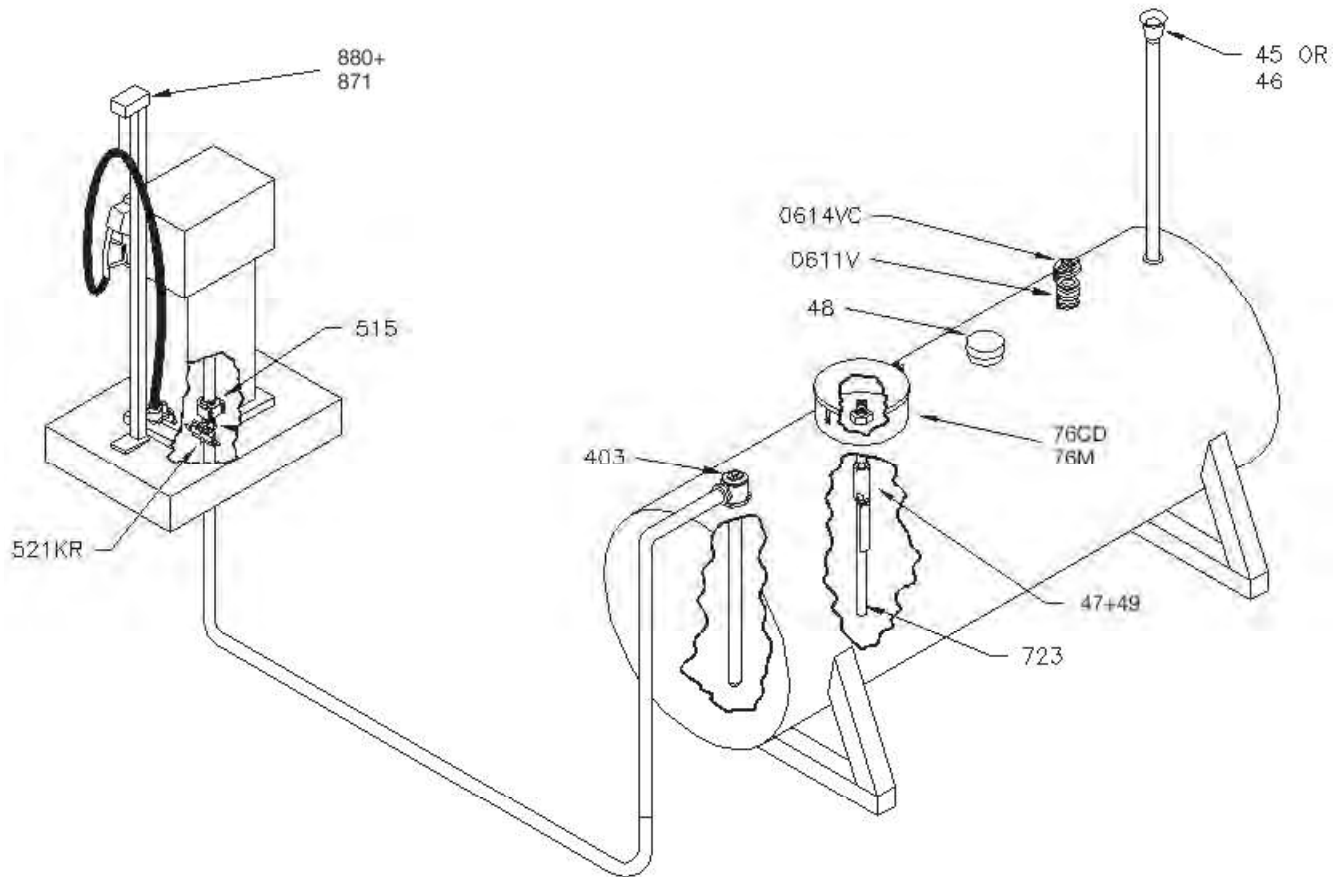
Simply The Best!

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.



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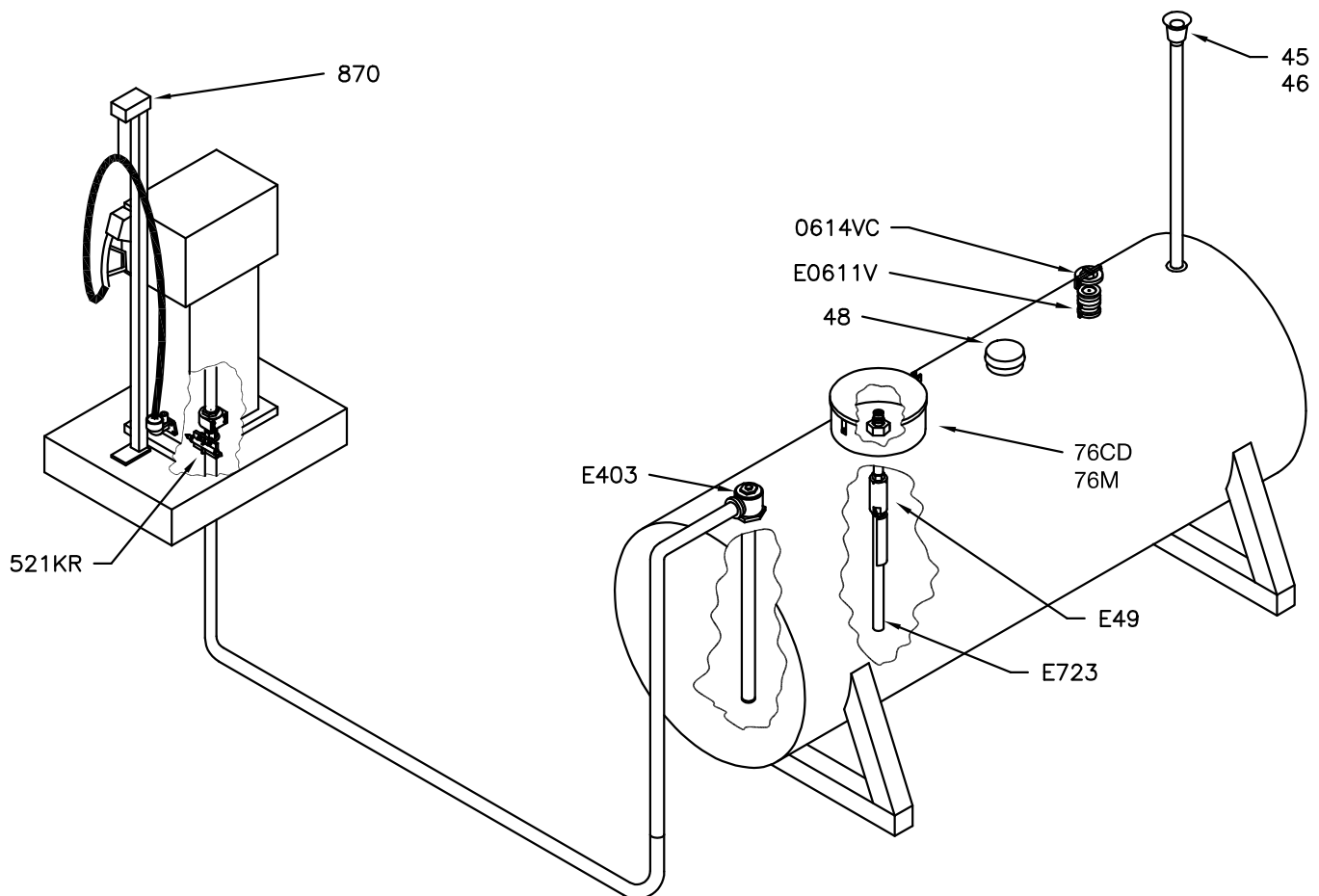


Simply The Best!

E-85 AST TANK DRAWING



45	2" Vent
46	2" Pressure Vacuum Vent
48	4", 6", 8" Tank Vent
E-49	Pressure Fill Overfill Valve
76CD	Spill Container
76M	Spill Container
E-403	Anti-Syphon Valve
521KR	Shear Valve Mount
E-723	Drop Tube
870	High Hose Retriever
0611V	Vapor Adapter
0613VC	Orange Vapor Cap



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ABSORBENTS

The Ultimate 20 Gallon Emergency Spill Response Kit

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

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

Shipping Dimensions:

23" w x 23" L x 19" H

23.2 lbs



The Ultimate 55 Gallon Emergency Spill Response Kit

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

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

Shipping Dimensions:

24" w x 24" L x 40" H

55.5 lbs



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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 variety 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



UNIVERSAL
Advantage

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

Features -

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

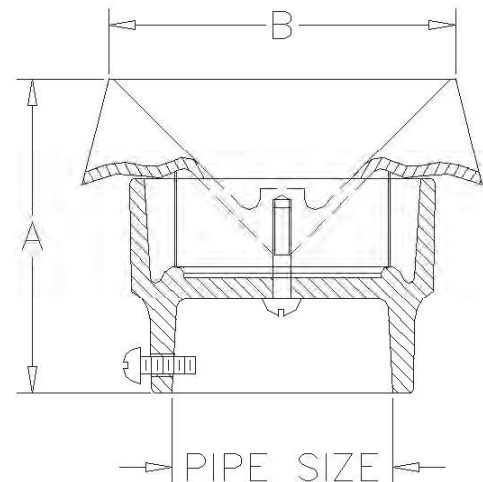
Construction -

- All metal body
- Bronze screen

Model	Pipe Size	Weight (lbs.)	A	B45-15
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)



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VAPOR VENTS

PRESSURE VACUUM VENT

Application -

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

Part Number - 46



UNIVERSAL
Advantage

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

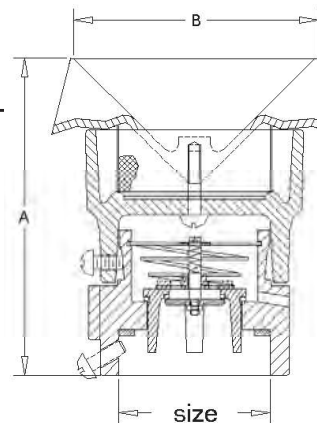
Construction -

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

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

Replacement Parts

Part Numbers	Description
200A-15-H	Cotter Pin
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 -

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

Part Number - 47-20



UNIVERSAL
Advantage

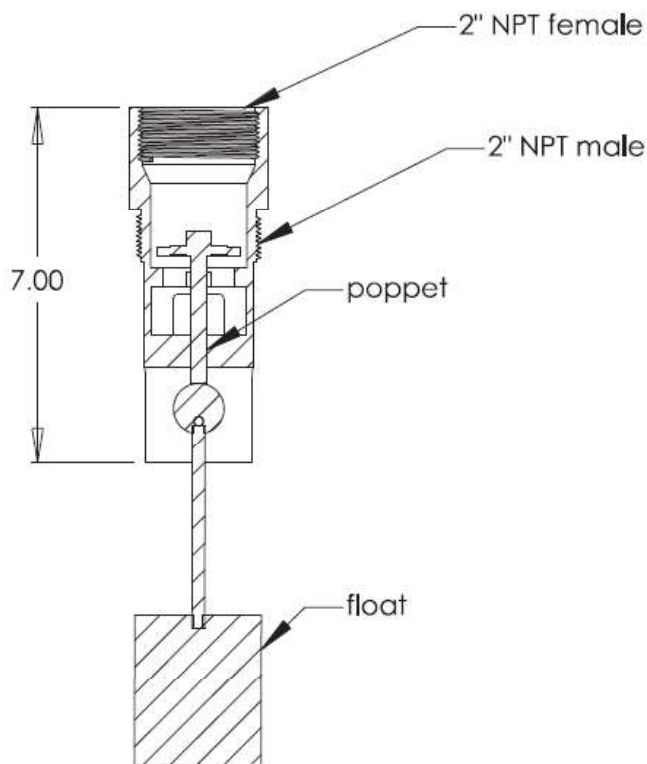
Only Universal Valve offers a 2" overfill valve designed to operate with no minimum flow rate. Making this valve the most versatile overfill on the market.

Features -

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

Construction -

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



Model#	Weight (lbs.)
--------	---------------

47-20	1.86
-------	------

Replacement Parts

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

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OVERFILL PROTECTION

UST WASTE OIL OVERFILL VALVE

Application -

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

Part Number - 47-20-USTWO



47-20-USTWO

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

Not included: Internal Riser Pipe-
contractor supplied length TBD by
installation instructions

Features -

- ✓ No minimum flow rate to operate
- ✓ No line shock, gradual shut-off
- ✓ No float hang up
- ✓ Prevents overfills in tanks reducing contamination and costly clean-up
- ✓ Completely automatic operations
- ✓ Easily retrofitted to existing tanks
- ✓ 4" NPT tank opening
- ✓ 55gpm at 3OPSI
- ✓ 1OPSI = 100gpm
- ✓ Max 10OPSI
- ✓ Max 150 Centistokes

Construction -

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



Optional funnel

Replacement Parts

Part Number Description

49-C	2" Fill Adapter
49-CAP	2" Fill Cap
49-D	2"x 4" Adapter Coupling
47-USTF	UST Waste Oil Funnel

Model#

Weight (lbs.)

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

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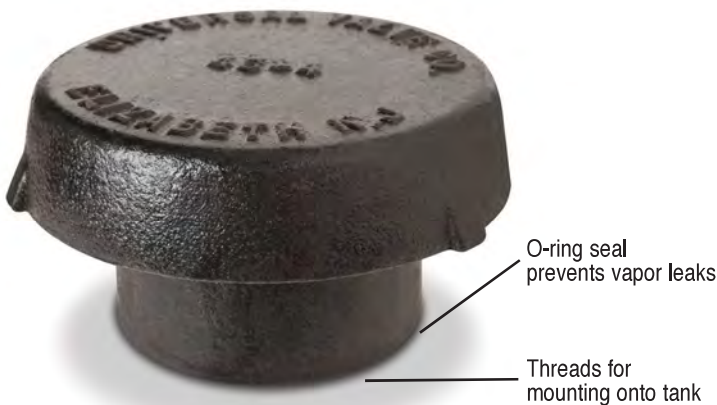
AST EMERGENCY VENTS

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



**UNIVERSAL
Advantage**

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

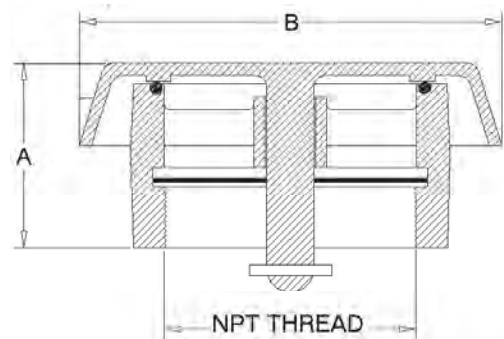
Features -

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

Construction -

- Rugged epoxy coated cast iron body

Model	Thread Size	Weight (lbs.)	CFH Chart	A	B
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"



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Simply The Best!

E85
85% Ethanol

OVERFILL PROTECTION VALVES

AST/UST VALVE

Application -

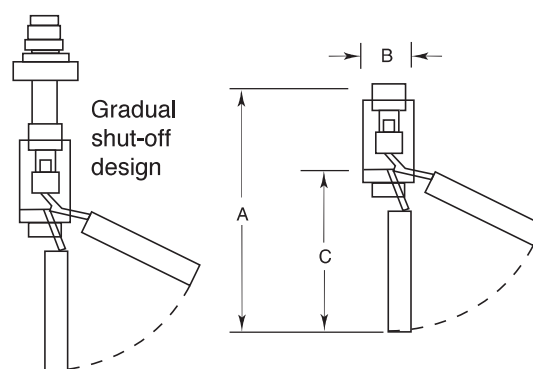
Prevent overfills in AST's and UST's.

Part Number - 49



UNIVERSAL
Advantage

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



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

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
- ✓ Compatible with E-85 (Model E-49)

Construction -

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

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

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.

Part Numbers - 213FP



Features -

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

Construction -

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

Model	Size
213FP-025	1/4" Brass Ball Valve
213FP-025-L	1/4" Brass Ball Valve Locking
213FP-0375	3/8" Brass Ball Valve
213FP-0375-L	3/8" Brass Ball Valve Locking
213FP-050	1/2" Brass Ball Valve
213FP-50-L	1/2" Brass Ball Valve Locking
213FP-50-SS	1/2" Stainless Steel Ball Valve Locking
213FP-10	1" Brass Ball Valve
213FP-10-L	1" Brass Ball Valve Locking
213FP-10-SS	1" 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

Model	Size
213FP-20	2" Brass Ball Valve
213FP-20-L	2" Brass Ball Valve Locking
213FP-20SS	2" Stainless Steel Ball Valve Locking
213FP-25	2-1/2" Brass Ball Valve
213FP-30	3" Brass Ball Valve
213FP-40	4" Brass Ball Valve
213FP-750	3/4" Brass Ball Valve
213FP-750-L	3/4" Brass Ball Valve Locking
213FP-750-SS	3/4" Stainless Steel Ball Valve Locking

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ANGLE CHECK VALVES

SUCTION SYSTEMS

Application -

Holds the prime in suction systems.

Part Number - 401



Bronze Poppet

Bronze Seat

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

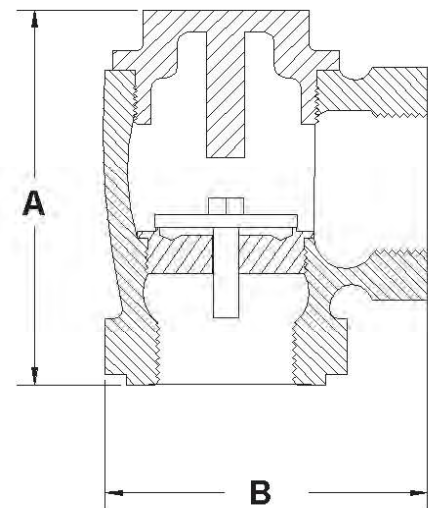
Construction -

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

Model	Thread Size	Weight (lbs.)	A	B
401-15	1-1/2"	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



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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



UNIVERSAL
Advantage

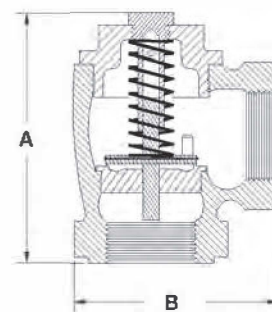
Only from Universal! – No need to specify head settings! Everything is included to cover an operating range of 0' to 20'.

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

Construction -

- Zinc plated cast iron body
- Buna-N seals



Model	Thread Size	Weight (lbs.)	A	B	Replacement Parts Part Numbers	Description
403-34	3/4"	5.0	4-3/4"	2-3/8"	403-10-A	1-1/2" x 1" Reducer Bushing
403PR-34	3/4"	5.0	4-3/4"	2-3/8"	403-15-E	Poppet Guide
403-10	1"	4.8	4-3/4"	2-3/8"	403-15-SK	Spring Kit (3/4", 1" & 1-1/2")
403PR-10	1"	4.8	4-3/4"	2-3/8"	403-20-SK	Spring Kit (2")
403-15	1-1/2"	4.6	4-3/4"	2-3/8"	403-34-A	1-1/2" x 3/4" Reducer Bushing
403PR-15	1-1/2"	4.6	4-3/4"	2-3/8"	403-15-CAP	1- 1/2" Cap Assembly
403-20	2"	7.2	5-3/8"	2-1/2"	403-20-CAP	2" Cap Assembly
403PR-20	2"	7.2	5-3/8"	2-1/2"		

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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.

Features -

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

Construction -

- Brass Body & Piston
- FKM seals



Other sizes and materials available. Call for more information.

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

Current Draw (amps):

Volt/Hz	120/60	24/DC
Holding	0.66	2.0
Inrush	2.23	2.0

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

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CAPS

PIPE CAP

Application -

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

Part Number - 412



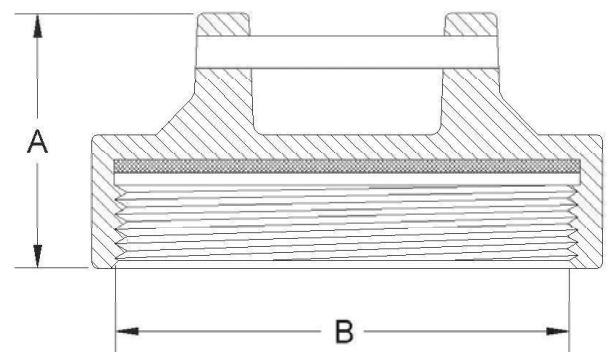
Features -

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

Construction -

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

Model	Thread Size	Weight (lbs.)	A	B
412-40	4"	1.2	2.5"	4"



Replacement Parts

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

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CAPS

DUST CAP FOR 4" PIPE

Application -

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

Part Number - 418



Model 418

Model 418TM



UNIVERSAL Advantage

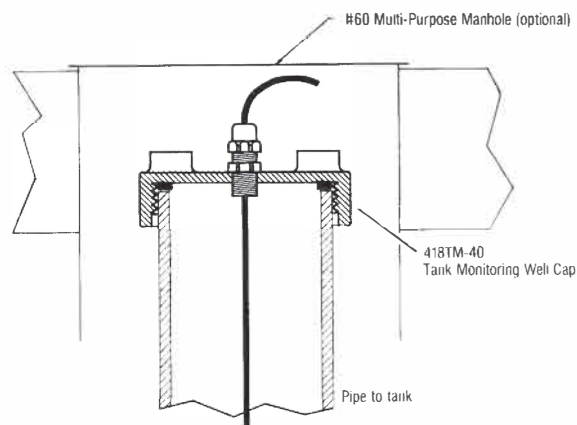
Only from Universal! – The 418TM-40 is easy to install and remove, because of the top ears configuration. Ribbing on the side allows easy hand tightening.

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



Model	Thread Size	Weight (lbs.)	Cable Gripping Range
418-40	4"	0.5	—
418TM-40	4"	0.5	.138-.315
418TM-40-125	4"	0.5	.079-.236
418TM-40-15	4"	0.5	.197-.472

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

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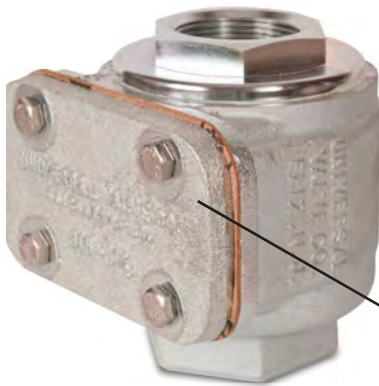
EXTRACTOR FITTINGS

EXTRACTABLE CHECK VALVES

Application -

Holds prime in suction system applications.

Part Number - 515



Removable front plate

UNIVERSAL
Advantage

Strategically used in place of foot valves.

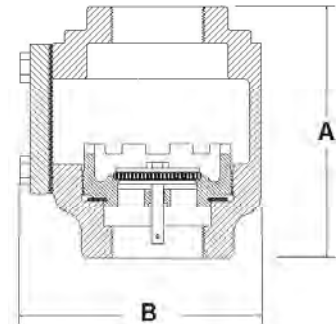
**ONLY UNIVERSAL HAS A
METAL-TO-METAL BRASS SEAL.**

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

Construction -

- Zinc plated cast iron body



Model	Thread Size	Weight (lbs.)	A	B	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	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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TIGHT FILL ACCESSORIES

VAPOR RECOVERY- ADAPTER CHECK VALVE

Application -

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

Part Number - 0611V



Features -

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

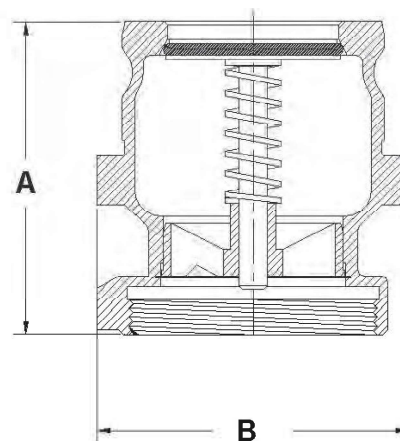
Construction -

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

Model	Size	Weight (lbs.)	A	B
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 Parts

Part Numbers	Description
724-44-B	Gasket



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TIGHT FILL ACCESSORIES

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



UNIVERSAL
Advantage

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

Features -

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

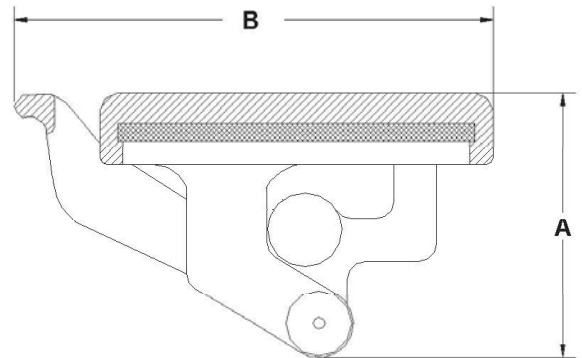
Construction -

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

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

Replacement Parts

Part Numbers	Description
0613VC-3-B	Gasket



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85% Ethanol

TIGHT FILL ACCESSORIES

VAPOR RECOVERY - TOGGLE LEVER CAP

Application -

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

Part Number - 0614VC



UNIVERSAL
Advantage

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.

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

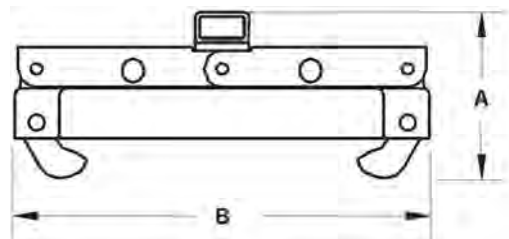
Construction -

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

Model	Size	Weight (lbs.)	A	B
0614VC-30	3"	1.7	2-7/8"	7"

Replacement Parts

Part Numbers	Description
731-4-C	Gasket



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DROP TUBES & ACCESSORIES

THE RAG STOPPER

Application -

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

Part Number - RAGSTOPPER



Features -

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

Construction -

- Carbon steel body
- Buna-N Seal

Model	Weight	Diameter
RAGSTOPPER	5oz.	4.25"

*Does not work with coaxial

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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

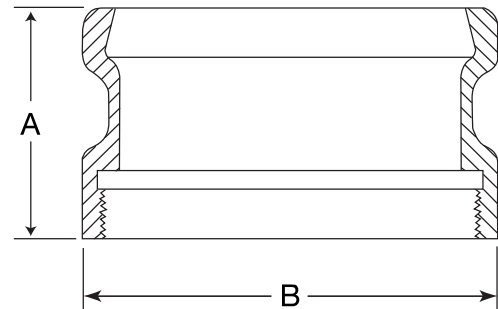


Features -

- ✓ 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.)	A	B
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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The Most Complete Line of UST/AST Products!

TIGHT FILL ACCESSORIES

COAXIAL ADAPTERS TOP SEAL

Application -

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

Part Number - 724CA



Features -

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

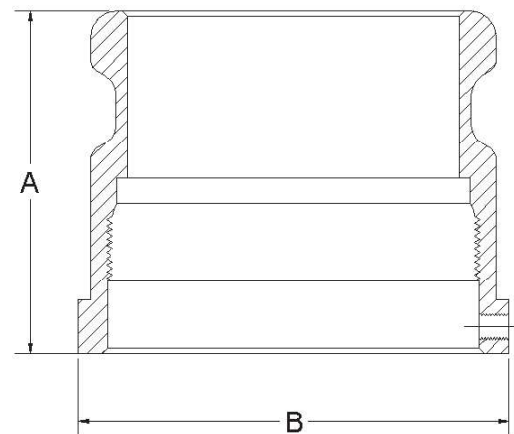
Construction -

- Hard coated aluminum casting
- Stainless steel set screw

Model	Size	Weight (lbs.)	A	B
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)



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TIGHT FILL ACCESSORIES

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"

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TIGHT FILL ACCESSORIES

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 -

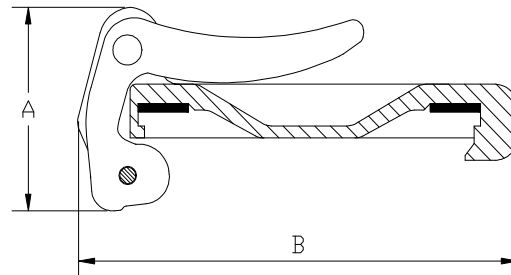
- Bronze construction
- Buna-N Gasket

Model	Size	Weight (lbs.)	A	B
726-30	3"	1.50	2.00"	5.00"

Replacement Parts

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

726-3-C	Gasket
---------	--------



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TIGHT FILL ACCESSORIES

FLAT TOP CAP TOP SEAL

Application -

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

Part Number - 731



UNIVERSAL
Advantage

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.

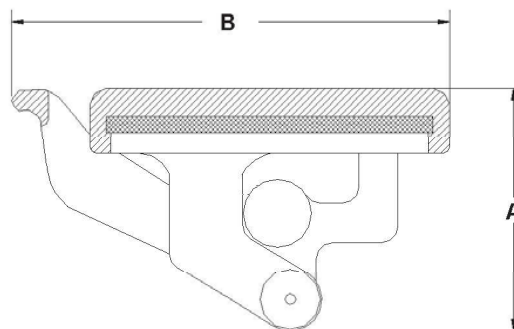
Features -

- ✓ 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.)	A	B
731-40	4"	3.5	4"	7"



Replacement Parts

Part Numbers	Description
731-4-C	Gasket

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TIGHT FILL ACCESSORIES

TANK MONITOR CAP AND ADAPTER KITS

Application -

Cap and adapter for leak detection systems. Available with 3/8" or 1/2" thread hole. Kit comes equipped with 731 Flat Top Cap or 733 Toggle Cap, 725 adapter and your choice of cord connectors...The Cap is lockable and the adapter has no lugs for full riser access.

Part Number - 731TMK & 733TMK



UNIVERSAL
Advantage

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

Features -

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

Construction -

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

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

*Available Cap only 731TM - & 733TM-

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TIGHT FILL ACCESSORIES

TOP SEAL/TOGGLE LEVER CAP

Application -

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

Part Number - 733



**UNIVERSAL
Advantage**

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.

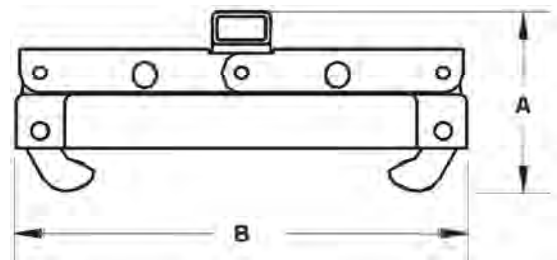
Features -

- ✓ 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.)	A	B
733-40	4"	1.7	2-7/8"	7"



Replacement Parts

Part Numbers	Description
731-4-C	Gasket

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Simply The Best!

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



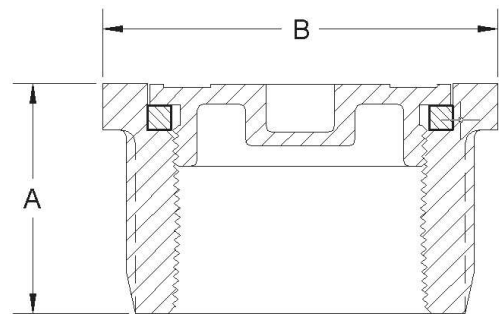
Features -

- ✓ 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 (lbs.)	A	B
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

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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



UNIVERSAL
Advantage

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

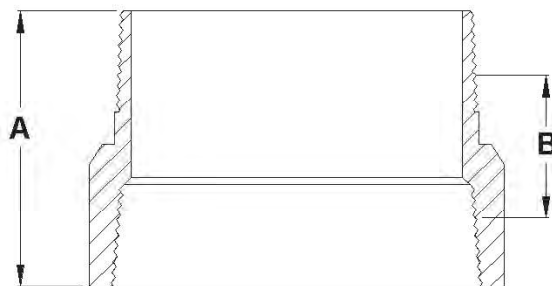
Features -

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

Construction -

- Cast iron body

Model	Size	Weight (lbs.)	A	B
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"



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The Best For Over 85 Years!

VALVE FITTINGS & ACCESSORIES

DOUBLE POPPET SAFETY VALVES

Application -

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

Part Number - 521DP, 522DP



UNIVERSAL
Advantage

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

Features -

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

Construction -

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

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VALVE FITTINGS & ACCESSORIES

DOUBLE POPPET SAFETY VALVES (CONTINUED)

Model	Top Thread	Size	Weight (lbs.)	A	B	C
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 -

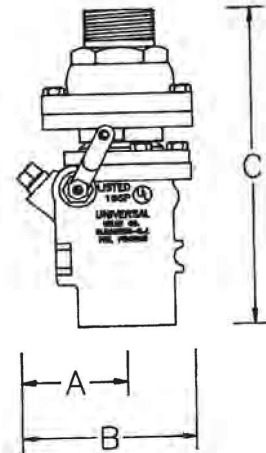
Model	Description
521DP-RF-15-C	Female Double Poppet Top
521DP-RM-15-B	Male Double Poppet Top
521DP-SS-15	Double Poppet Shear Section

Accessories -

Universal also offers the model #521KR "Sure Shear"™ U-Clamp Anchor, which conforms to NFPA-30, and assures positive shearing action upon severe impact. 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



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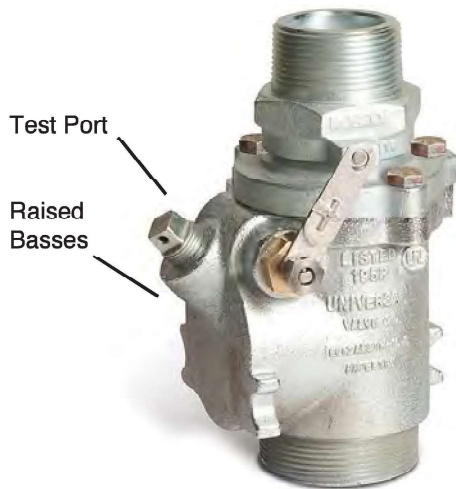
VALVE FITTINGS & ACCESSORIES

SINGLE POPPET SAFETY VALVES

Application -

Maximizes safety, and prevents fuel spillage and fire hazard.

Part Number - 521, 522



**UNIVERSAL
Advantage**

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

Features -

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

Construction -

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

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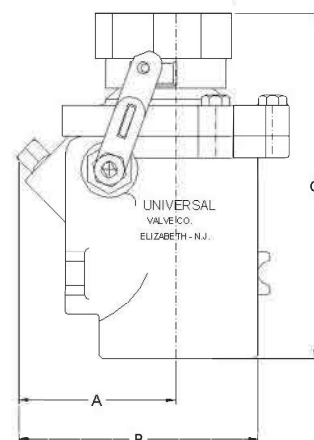


The Most Complete Line of UST/AST Products!

VALVE FITTINGS & ACCESSORIES

SINGLE POPPET SAFETY VALVES (CONTINUED)

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



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

Replacement Tops -

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

Replacement Parts

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

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SAFETY VALVES

“SURE-SHEAR” U-CLAMP ANCHOR

Application -

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

Part Number - 521KR

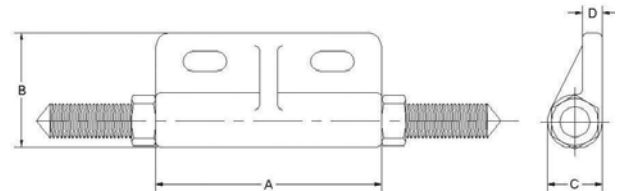
UNIVERSAL
Advantage

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



Features -

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



Construction -

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

Model	Size	Min.	Max.	Weight (lbs.)	A	B	C	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.

Part Number - 76CD



Features -

- ✓ An internal drain design, no external connections
- ✓ All steel construction and polymeric coating provide added protection
- ✓ A lightweight watershed cover is lockable for added security
- ✓ 7 gallon capacity
- ✓ Low profile design
- ✓ Threads onto a 4" riser
- ✓ V model without drain

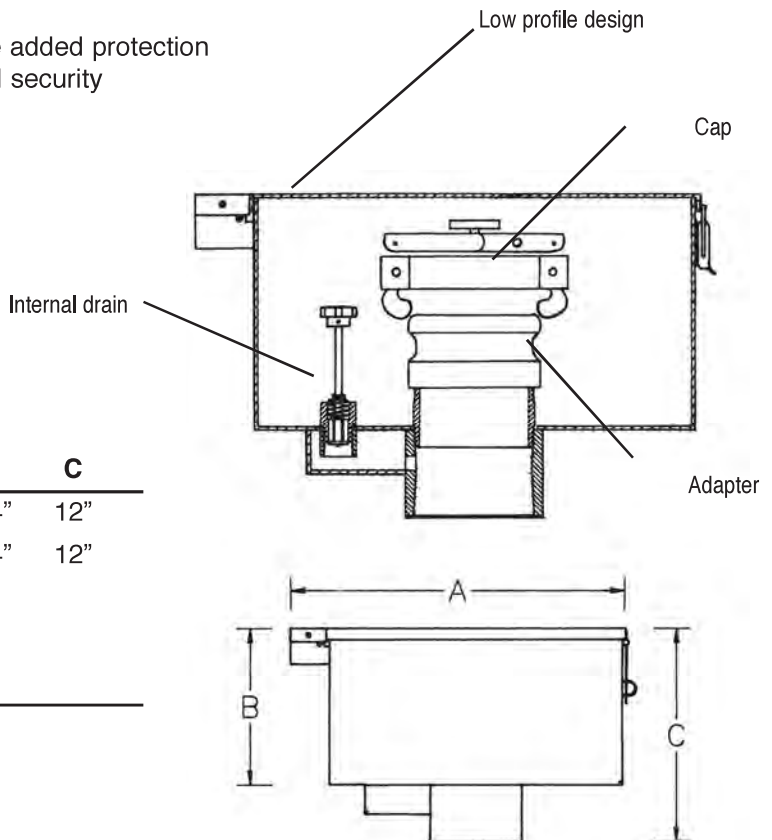
Construction -

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

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

Replacement Parts

Part Numbers	Description
70CD-12-15	Screen
70CD-12-DA	Drain Valve Assembly
70CD-12-L	Knob for Drain Valve
76-A	Tank



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OVERFILL PROTECTION

AST 3¹/₂ GALLON CONTAINMENT

Application -

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

Part Number - 76

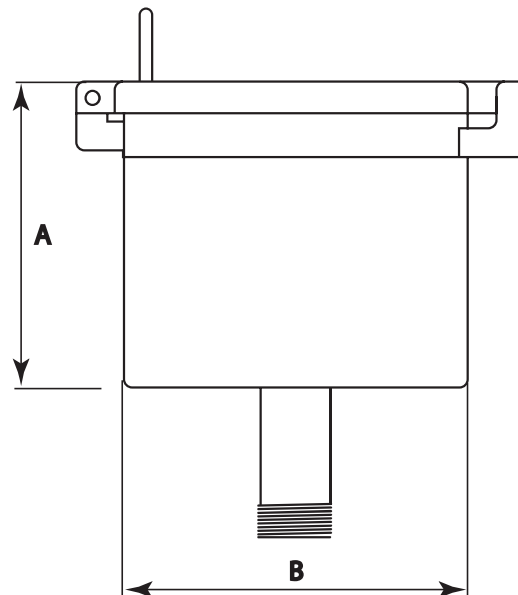


Features -

- ✓ 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.)	A	B
76-35M	3-1/2	11	10.5"	11.5"
76-35MS	3-1/2	11	6"	13"

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ABOVE GROUND MANHOLES

REMOTE FILL/LOCKING FILL BOX

Application -

AST remote fill requirements.

Part Number - 76RF



UNIVERSAL
Advantage

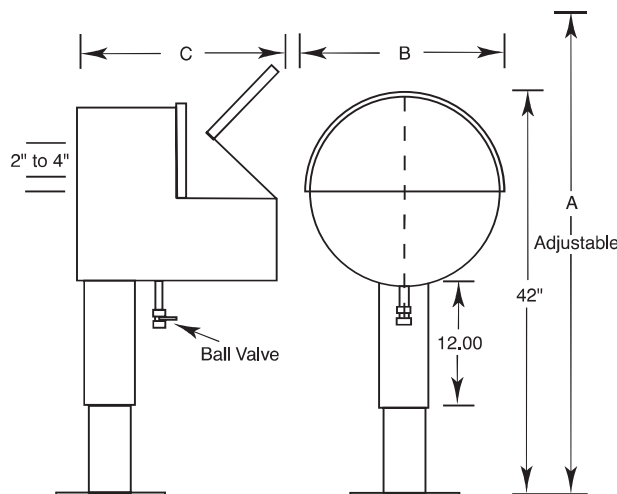
Only from Universal! - A superior single post design allows for easy adjustment during installation. A round top structure eliminates snow and rain build-up.

Features -

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

Construction -

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



Model	Pipe	Gallon Capacity	Weight (lbs.)	A	B	C
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

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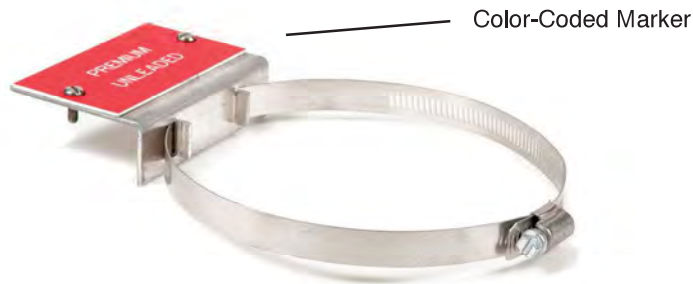
IDENTIFICATION MARKERS

PIPE CLAMP MARKER

Application -

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

Part Number - 56

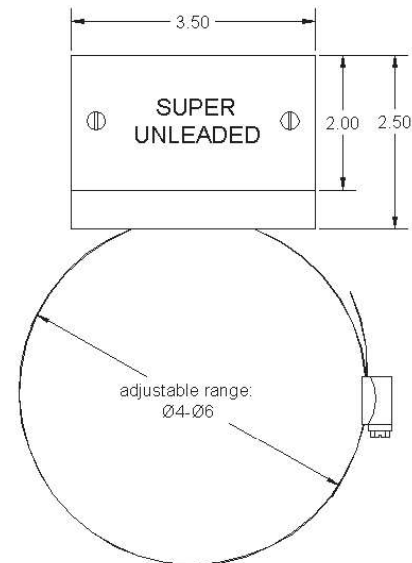


Features -

- ✓ 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.)
56-B	Blank	0.5
56-D	Diesel	0.5
56-E	Ethanol	0.5
56-E85	"E85" Pipe Clamp Marker	0.5
56-FO	Fuel Oil	0.5
56-HO	Heating Oil	0.5
56-K	Kerosene	0.5
56-P	Premium	0.5
56-PU	Premium Unleaded	0.5
56-R	Regular	0.5
56-SU	Super Unleaded	0.5
56-U	Unleaded	0.5
56-M	Midgrade	0.5
56-MU	Midgrade Unleaded	0.5
56-RU	Regular Unleaded	0.5

Model	Description	Weight (lbs.)
56-RUE	"Regular Unleaded w/Ethanol"	0.5
56-S	Custom Marker	0.5
56-+	"+" Marker	0.5
56-UE	"Unleaded w/Ethanol"	0.5
56-ULT	Ultra	0.5
56-UP	Unleaded Plus	0.5
56-VR	Vapor Recovery	0.5
56-WO	Waste Oil	0.5

Replacement Parts

Part Numbers	Description
56-1-A	Bracket
56-C1	Screw For Marker
56-D1	Band

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sales@universalvalve.com

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 smaller 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

Pimento/White Ruby/White Tangerine/White Acid Yellow/Black Acid Yellow/Dark Brown Jungle Green/White

Teal/White Royal Blue/White Sapphire/White Bermuda Tan/Dark Brown Desert Sand/Black Coffee Bean/White White/Red Winter White/Blue Winter White/Black Ash Grey/White

Ash Grey/Black Coal Black/White

53 Marker

56 Marker



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DROP TUBES AND ACCESSORIES

STICK PORT FLAPPER

Application -

Protects stick ports from accidental product drops.

Part Number - JH69



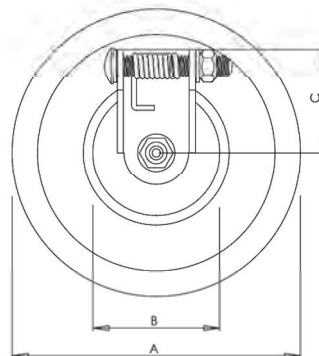
Features -

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

Construction -

- Stainless Steel
- Buna-N

Model	Weight (lbs.)	A	B	C
JH69-4	1.25	4.25"	1.5"	1.5"



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ACCESSORIES - TRUCK STOPS

HOSECRADLE

Application -

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

Part Number - 100HC



**UNIVERSAL
Advantage**

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

Features -

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

Construction -

- Durable polyurethane construction
- Metal clamps included

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

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Simply The Best!

E85
85% Ethanol

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.

Part Number - 870



UNIVERSAL
Advantage

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.

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

Compatible with our optional Universal 100HC HoseCradle

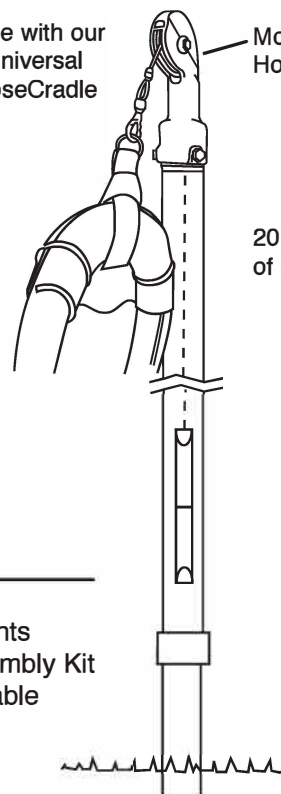
Model 870
Hose Retriever

20' Length
of pipe

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

Replacement Parts

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



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

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Quality and Reliability, Since 1932!

E85
85% Ethanol

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

$$871\text{-Base} + 870 = 871$$



Features -

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

Construction -

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

Model Weight (lbs.)

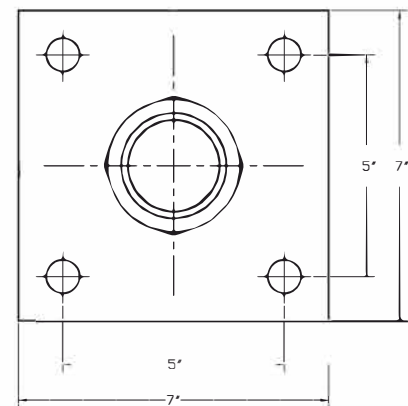
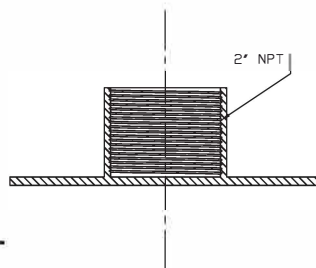
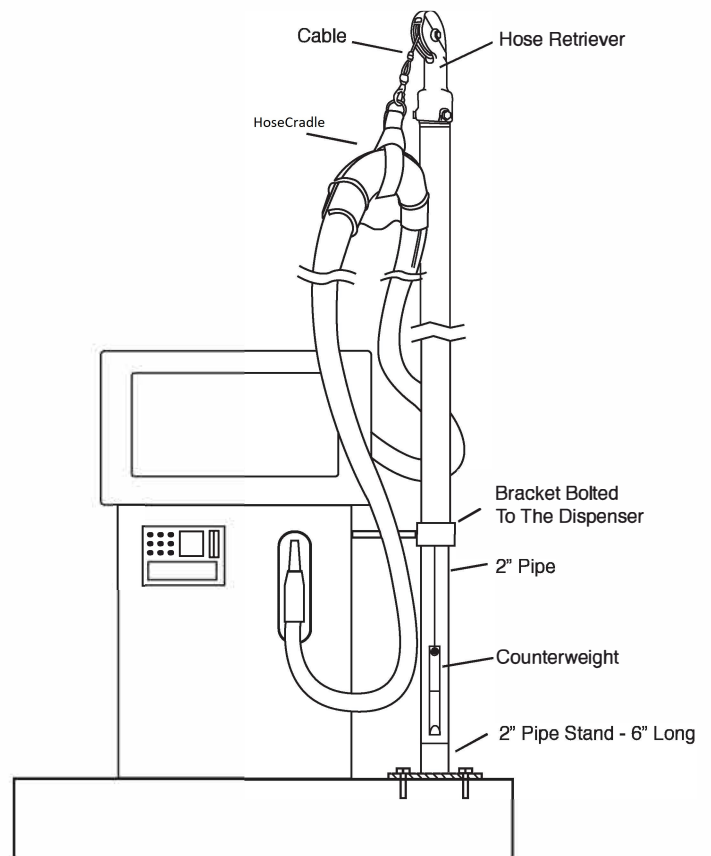
871 30

Replacement Parts

Part Numbers Description

871-BASE	Foot Base
871-BRACKET	Dispenser Bracket

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



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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.

Part Number - 880/882



Optional Hose Clamp



UNIVERSAL
Advantage

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
- ✓ Plastic bushing minimizes cable wear
- ✓ CARB certified
- ✓ Compatible with E-85

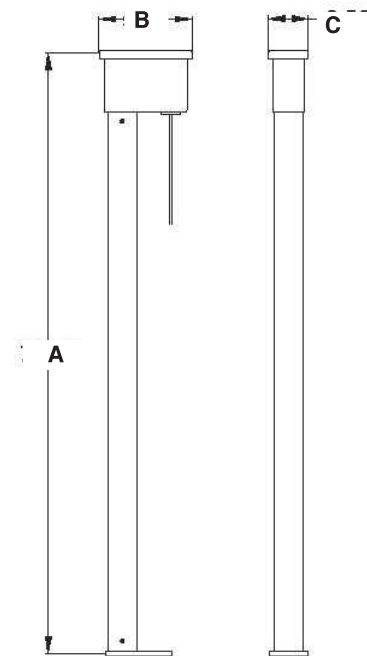
Construction -

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

Now Available with Hose Clamps

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

Model	Weight (lbs.)	A	B	C	Counter 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 Bracket
880-8	Bushing	880-WA	Weight Assembly (1-1/2" x 1-1/2")
880-8A	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		

Optional Hose Clamp Also Sold Separately

100-CS10	1" ID Hose
100-CS34	3/4" ID Hose

*Custom heights and counterweights available. Call for options.

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PIPE GUARDS

U-SHAPE GUARDS

Application -

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

Part Number - 1983



Features -

- ✓ Cost effective property and equipment protection

Construction -

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

Model	Description (Width is outside pipe dimension)	Weight (lbs.)
1983-353656	U-Shape Pipe Guard 3.5" OD x 36"w x 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

*Custom sizes available

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PIPE GUARDS

U-SHAPE GUARDS WITH BASE PLATES

Application -

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

Part Number - 1983-PP



Features -

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

Construction -

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

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

*Custom sizes available

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ACCESSORIES

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)

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

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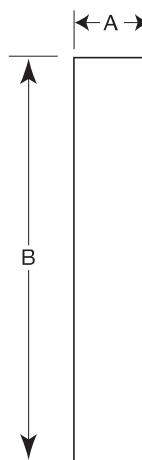
ACCESSORIES

BOLLARDS WITH BASE PLATES

Application -

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

Part Number - 1984-BP



Features -

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

Construction -

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

Model	Description	Weight (lbs)	A	B
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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ACCESSORIES

BOLLARD COVERS

Application -

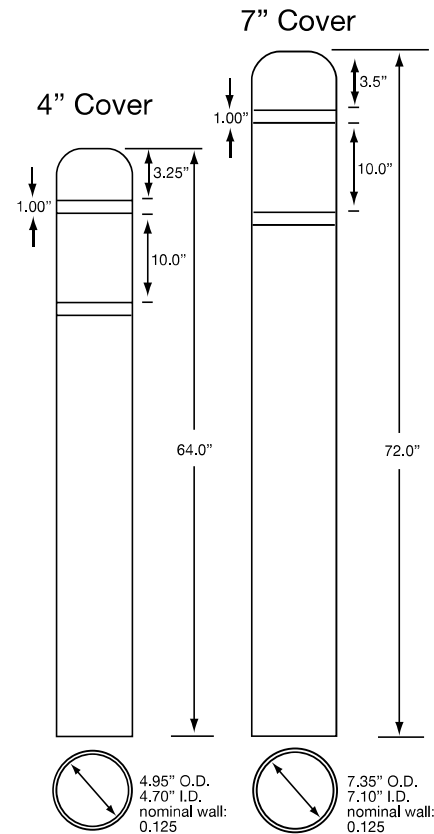
Bollard covers enhance and protect the appearance of bumper post steel bollards in all indoor and outdoor applications.

Part Number - 1984-BC



Features -

- ✓ 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

Colors Available

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

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)		

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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:

CK-			
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

(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

(example: 3EC-4830-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)



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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:

_____ CK-FR _____	_____	_____	_____
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

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



End Caps:

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

(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)



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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" 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- _____ - _____
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)



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UNIVERSAL SIGNAGE SYSTEMS

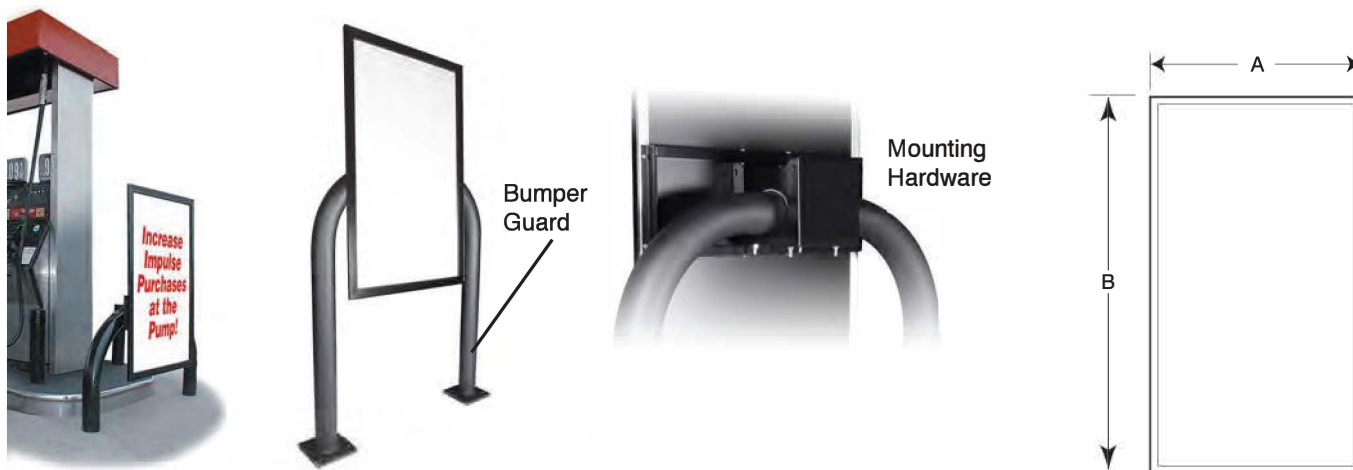
BUMPERBOARD™ U-Shaped Guard Mount

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



Features -

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

Construction -

- Powder coated aluminum frames
- Heavy duty spring clips

Model	Description	Weight (lbs)	A	B	Poster 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			

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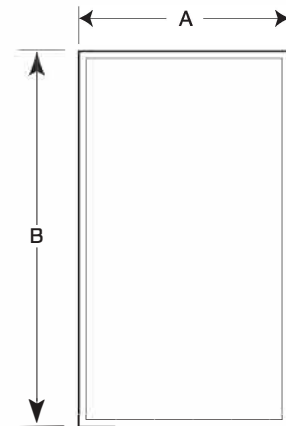
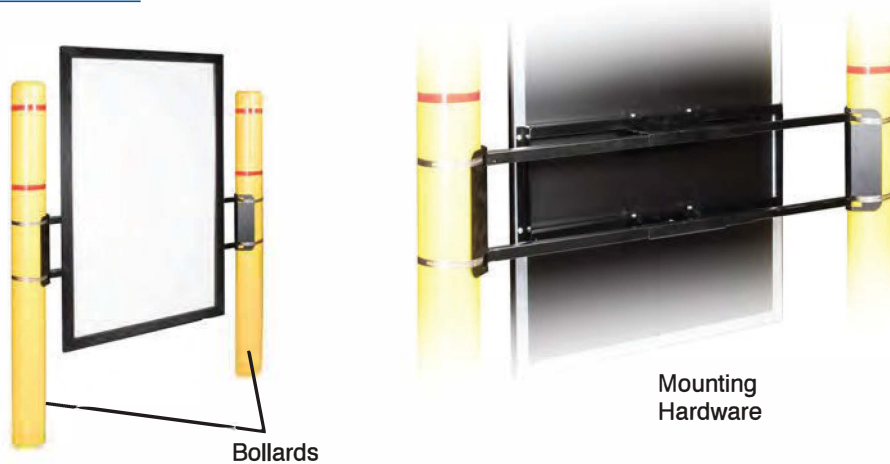
UNIVERSAL SIGNAGE SYSTEMS

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

Model	Description	Weight (lbs)	A	B	Poster 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			

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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.

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	Weight (lbs)	A	B	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/ubolt 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 (formerly 1999-2844-U-MO) Up to 4.5" OD Pipe	8			

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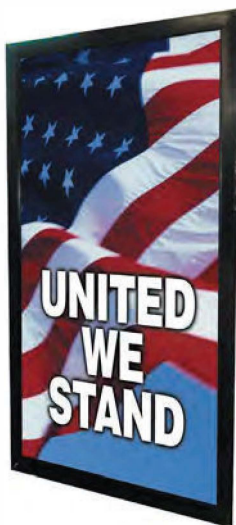
UNIVERSAL SIGNAGE SYSTEMS

THE WALLI™

Application -

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

Part Number - 1999-Walli



UNIVERSAL
Advantage

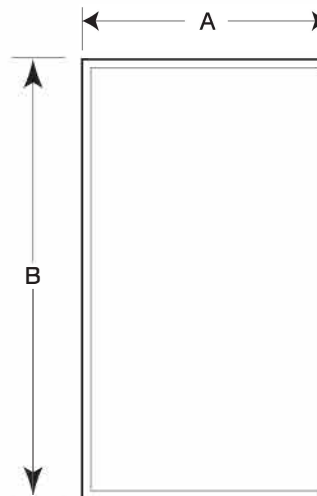
The Universal Sign System Strategically Brings Your Customer Into The Store...Ready To Spend... Because It's The **ONLY** Sign System That Starts At The Pump, And Finishes In The Store.

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	14

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Quality and Reliability, Since 1932!

AIR INFLATORS

AIR TOWERS - FREE AIR

Application -

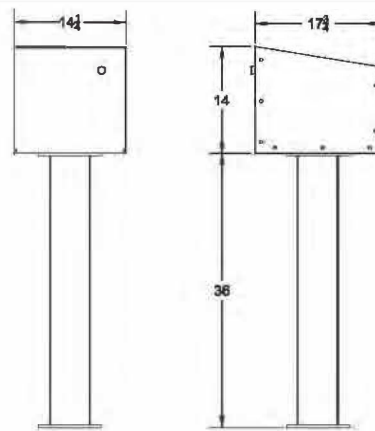
An Air Tower that is customizable to compliment all store designs.

Part Number - 1975-, 1975W



**UNIVERSAL
Advantage**

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 resistant 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

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

1975W-FA34-SS
1975W-FASV-SS

Description

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

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AIR INFLATORS

AIR TOWERS - COIN OPERATED

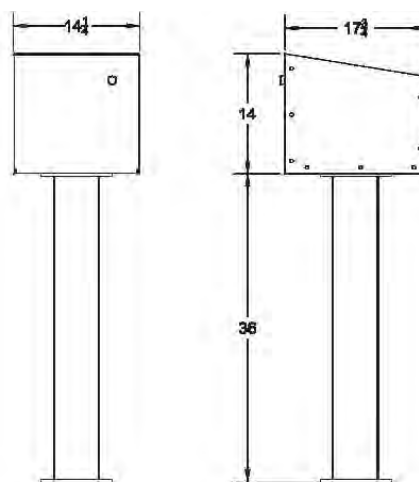
Application -

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

Part Number - 1975-, 1975W

**UNIVERSAL
Advantage**

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 resistant 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

Coin Operated

<u>Description</u>	
1975-CO34-SS	Post mount Stainless Steel (painted hd-post)
1975-CO34-HR-SS	Post mount Stainless Steel (painted hd-post)w/ Hose Reel
1975-CO34-HR-GSS	Post mount Stainless Steel (Galvanized hd-post)w/ Hose Reel
1975W-CO34-SS	Wall mount Stainless Steel
1975-CO34-SS-C	Post mount Stainless Steel w/ counter (painted hd-post)
1975W-CO34-SS-C	Wall mount Stainless Steel w/ counter

Construction -

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

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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 Compressor
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

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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.

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- Composite: Fuel Resistant Resins
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- All Manholes: Steel construction ring eliminates oblong ring during concrete pour.
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