



STANDARD PRODUCT

CATALOG

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www.catlow.com

REV.9.11

CATLOW, INC.
2750 US RT 40
TIPP CITY, OHIO 45371 USA
Phone (800) 222-8569 Fax (937) 898-8631
www.catlow.com

ALL PRODUCTS MADE IN USA

Please reference individual product sheets for ordering specifications



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The Classic 1A nozzle is the most durable aluminum nozzle in petroleum history. The design of this nozzle was the forerunner of all standard gasoline dispensing nozzles.

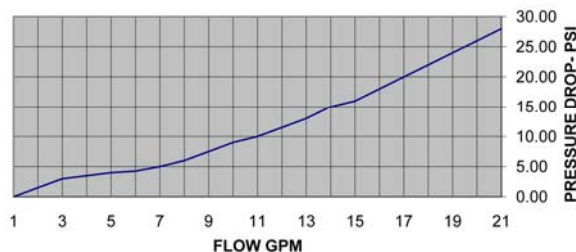
Utilizing a single poppet in this nozzle affords smooth flow from high GPM's to minimal flow rates. This true 1" NPT nozzle is completely rebuildable and can be used for unleaded fuel as well as diesel refueling.

FEATURES and BENEFITS:

- *Available as full serve or self serve
- *Unleaded or Leaded (diesel) spout assembly
- *Automatic shut-off
- *UL/ULC Listed
- *Custom logo available upon request
- *BSPP and BSPT threads available upon request
- *Attitude Device available upon request
- *Spout assembly easily replaced
- *Full Cover provided for added protection
- *Unleaded spout is 13/16" OD aluminum
- *Leaded (diesel) spout is 15/16" OD aluminum
- * 1 year warranty

MATERIALS:

- *BODY Aluminum sandcast
- *LEVER Plated steel
- *HANDGUARD Nylon glass filled
- *DISC & SEALS Nitrile and Viton



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CLASSIC 1A

Automatic Nozzle



CLASSIC 1A Automatic Nozzle

STANDARD

ORDERING SPECIFICATIONS

PART NUMBER	DESCRIPTION
N1AL	NEW, LEADED
N1ANL	NEW, UNLEADED
N1ALS	NEW, LEADED SELF-SERVE
N1ANLS	NEW, UNLEADED SELF-SERVE
R1AL	REBUILT, LEADED
R1ANL	REBUILT, UNLEADED

Accessories

PART NUMBER	DESCRIPTION
1ALS	1" LEADED SPOUT ASSEMBLY
1ANLS	1" UNLEADED SPOUT ASSEMBLY
C071 xx	1" COVER xx identifies color i.e. BK Black



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The Twister Swivel from Catlow raises the level of swivel flexibility with two (2) high flow 360 degree rotating swivel ends. Special seals protect this heavy duty swivel from extreme cold weather conditions and is designed for blended fuels.

Its high tech engineering, durable construction and economical price will not only "Twist & Turn" your hoses, but your profits as well

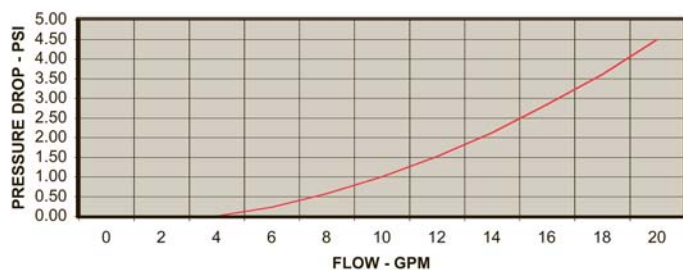
FEATURES and BENEFITS:

- *Lightweight and maintenance free
- *UL/ULC listed
- *360 degree swivel rotation in middle joint & male end
- *Mates with all standard and diesel hoses
- *Fluorosilicone seals perform to -40 degree F
- *Does not affect existing hose length
- *BSPP & BSPT threads available upon request
- *Minimal flow restriction
- *Both swivel joints have double o'rings
- * 1 year warranty

MATERIALS:

- *Swivel elbow Cast Aluminum
- *Swivel body Cast ZA-12 Zamak
- *Bearing is Acetal
- *Seals are Viton and Fluorosilicone

C720-3/4 SWIVEL



C720

Twister Swivels



C720 TWISTER SWIVELS

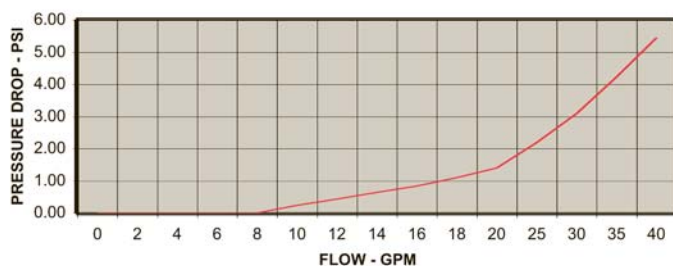
Standard

Diesel

ORDERING SPECIFICATIONS

PART NUMBER	DESCRIPTION
C720 3/4	3/4"M x 3/4"F
C720 1x3/4	1"M x 3/4"F
C720 1x1	1"M x 1"F
C720 1X1B100	1"M X 1"F 100% BIO DIESEL FUEL
C720 1X1BP	1"M X 1"F BRITISH THREAD
C720 3/4BP	3/4"M X 3/4"F BRITISH THREAD
C720 3/4E85	3/4"M X 3/4"F E85 FUEL
C720 1X1E85	1"M X 1"F E85 FUEL

C720-1 SWIVEL



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The C860S 3/4" IN-Line Breakaway with the snap-back technology makes this product extremely user friendly.

Experience high flow rates, easy maintenance and protection against costly repairs and down time.

Avoid potentially costly gas spills and dispenser damage while allowing you to be up and running within minutes. If a drive off occurs, the dual poppets close trapping the fuel inside of the hoses at both ends.

FEATURES and BENEFITS:

- *Mates with all 3/4" & 5/8" hoses
- * UL/ULC Listed
- *Meets NFPA 30A Codes
- *BSPP and BSPT Threads available upon request
- *Designed to pull apart maximum 300 lbs. pull force
- *Durable Hytrel cover prevents damage to your customers vehicle and to the breakaway during a drive off
- *Seals both ends of the breakaway
- *Spring technology snap-back system
- *Minimal flow restriction
- *No repair kit necessary
- *Reconnects on site in minutes
- * 1 year warranty

MATERIALS:

- *Body is Aluminum
- *Seals are Viton
- *Protective cover is Hytrel

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C860S

In-Line Snap-Back Breakaway



C860S SNAP-BACK BREAKAWAY

STANDARD

DIESEL

ORDERING SPECIFICATIONS

PART NUMBER	DESCRIPTION
C860S	3/4" SNAP BACK BREAKAWAY

Accessories

PART NUMBER	DESCRIPTION
A13	8" WHIP HOSE
	REPLACEMENT HYTREL COVER



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The CATLOW C86NT 3/4" In-Line Breakaway is the industry leader. Small & lightweight with minimal flow restriction and easy to repair makes the breakaway a winner.

The C86NT breakaway is designed to be installed between the fuel dispenser and the nozzle. When a drive off occurs the breakaway allows the nozzle end of the hose to separate from the hose to the dispenser. The C86NT dual poppets close when a drive off occurs trapping the fuel inside of the hoses at both ends preventing costly fuel spills and possible damage to the environment.

FEATURES and BENEFITS:

- *Mates with all 3/4" & 5/8" hoses
- * UL/ULC Listed
- *Meets NFPA 30A Codes
- *BSPP and BSPT Threads available upon request
- *Designed to pull apart maximum 300 lbs. pull force
- *Durable Hytrel cover prevents damage to your customers vehicle and to the breakaway during a drive off
- *Seals both ends of the breakaway
- *Minimal flow restriction
- *Repair kit available
- *Reconnects on site in minutes
- * 1 year warranty

MATERIALS:

- *Body is Aluminum
- *Seals are Nitrile
- *Protective cover is Hytrel

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C86NT

In-Line Shear Pin Breakaway



C86NT SHEAR PIN BREAKAWAY

STANDARD

DIESEL

ORDERING SPECIFICATIONS

PART NUMBER	DESCRIPTION
C86NT	3/4" SHEAR PIN BREAKAWAY

Accessories

PART NUMBER	DESCRIPTION
A13	8" WHIP HOSE
C86R	SHEAR PIN & O'RING REPAIR KIT
C86R-2	SHEAR PIN ONLY KIT
C86BN-1	REPLACEMENT HYTREL COVER



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CAM TWIST MAGNETIC

In-Line Breakaway



CAM TWIST Magnetic BREAKAWAY

Standard

Vapor Recovery

The CAM TWIST Breakaway is the only breakaway that gives you the option to easily disconnect, inspect and reconnect while installed. With a twist the breakaway can be taken apart and inspected for damage, corrosion, and wear without removing the breakaway from service.

Designed to be installed between the dispenser and the nozzle. It is simple to inspect the unit. Our unique design seals the internal components before a separation is complete, thus reducing any exposure to product and any environmental impact. With the CAM TWIST alignment and reconnection is easy. Align the two halves together & let the magnets do the work while pushing the unit back together. It's that easy!

CATLOW'S CAM TWIST MAGNETIC IN-LINE DESIGN IS THE FUTURE OF BREAKAWAY TECHNOLOGY!

As a cost saving feature, Catlow has designed a replacement lower half unit so in the event of a drive off, you only have to replace the lower half!

FEATURES and BENEFITS:

- * Inspectable, No 'Remove By' date
- * Patented Magnetic Snap-back Technology
- * Resists "Hydraulic Hammer" problems
- * UL/ULC Listed, CARB Certified, Meets NFPA 30A Codes
- * BSPP & BSPT threads available upon request
- * Separation force designed at 230 or 300 lbs.
- * Durable plastic cover prevents damage during a driveoff
- * Replacement "Lower" half of Breakaway available
- * Reduces Environmental Impact. No need to drain assemblies to change nozzle
- * One year warranty

MATERIALS:

- * Body is Aluminum
- * O-Ring & Seals are Viton
- * Cover is Nylon

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ORDERING SPECIFICATIONS

PART NUMBER	DESCRIPTION
CTM75	3/4" NPT (230 LBS PULL FORCE)
CTM100	1" NPT (300 LBS PULL FORCE)
CTMVA	VAC-ASSIST M34 X 1.5 (230 LBS PULL FORCE)
CTM75-HD	3/4" NPT (300 LBS PULL FORCE)
CTM75-L	3/4" LOWER UNIT
CTM75HD-L	3/4" LOWER UNIT, HEAVY DUTY
CTM100-L	1" LOWER UNIT
CTMVA-L	VAC-ASSIST LOWER UNIT

Accessories

PART NUMBER	DESCRIPTION
A13-SW	8" WHIP HOSE FOR CTM75
B9-SW	12" WHIP HOSE FOR CTM100
V1012-1-SW	12" WHIP HOSE FOR CTMVA
2976	O'RING KIT CTM75
2978	O'RING KIT CTM75-HD/CTM100
2977	O'RING KIT CTMVA



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THE CONTROLLER II

SBS-MAG Swivel with MAGNETIC Breakaway



THE CONTROLLER II Swivel BREAKAWAY

Standard

Diesel

Designed with the same features as CATLOW'S "Controller" Swivel Breakaway combination and now updated with our proven Magnetic Technology. The SBS-MAG unit connects directly to the fuel nozzle eliminating the need for a whip hose assembly.

Reconnection is easy as a snap as internal magnets pull the unit back together.

FEATURES and BENEFITS:

- * 2-360 degree swivels give flexibility and ease in awkward fueling positions
- * UL/ULC Listed
- * Does not effect existing hose length
- * Fluorosilicone seals perform to - 40 degrees
- * Meets NFPA 30A Codes
- * Installs directly to the nozzle
- * No need for whip hose
- * Easy to reconnect
- * Eliminates leak points
- * Durable plastic cover prevents damage during a drive-off
- * One year warranty

MATERIALS:

- * Body is Aluminum & zinc die cast
- * Seals are Viton, Fluorosilicone & Nitrile
- * Breakaway Cover is glass filled Nylon

ORDERING SPECIFICATIONS

PART NUMBER	DESCRIPTION
MCSB75	3/4" Magnetically coupled swivel Breakaway (190 lbs pull force)
MCSB100	1" Magnetically coupled swivel Breakaway (210 lbs pull force)

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This series of automatic nozzles establishes a new standard for vehicle refueling. The lightweight construction produces a smooth working, rugged nozzle designed for endurance.

The Elite Prepay is specifically designed for self-service or card-lock systems. The no-pressure/no-flow feature enables the station operator to control the dispensing of fuel while the customer has the convenience of a one hand hold-open mechanism for effortless dispensing.

FEATURES and BENEFITS:

- *UL/ULC Listed
- *Automatic shut off
- *Splash shield included with each new nozzle
- *Mates with all standard 5/8" & 3/4" hoses
- *BSPT and BSPP threads available upon request
- *Available in self-serve upon request (S)
- *Available with an Attitude Device upon request (AD)
- *Full cover provided for added protection
- *Spout assembly easily replaced
- *Completely rebuildable
- * Custom logo available upon request
- * 1 year warranty

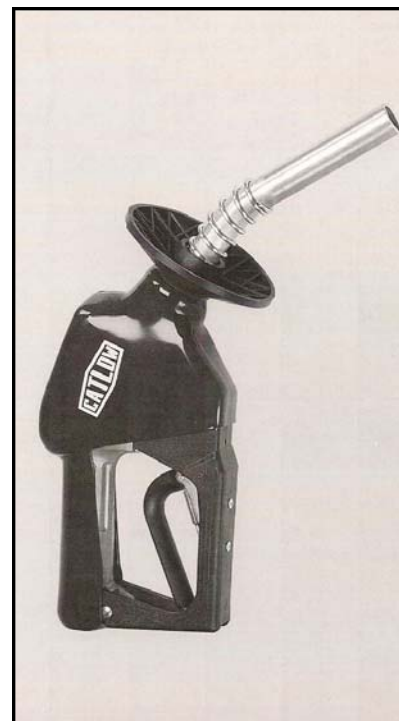
MATERIALS:

- *3/4" Single body, sand cast aluminum
- *Lever & handguard is Super-Tuff Glass Filled Nylon
- *O'rings and Seals are Viton
- *Unleaded Spout Assembly 13/16" OD
- *Leaded Spout Assembly 15/16" OD
- *Weight 2.2 lbs.

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ELITE

Automatic Nozzle 3/4" NPT



ELITE Automatic Nozzle 3/4" NPT

STANDARD

ORDERING SPECIFICATIONS

PART NUMBER	DESCRIPTION
NENL	NEW, UNLEADED
NEL	NEW, LEADED
NEPNL	NEW, PREPAY UNLEADED
NEPL	NEW, PREPAY LEADED
RENL	REBUILT, UNLEADED
REL	REBUILT, LEADED
REPNL	REBUILT, PREPAY UNLEADED
REPL	REBUILT, PREPAY LEADED

Accessories

PART NUMBER	DESCRIPTION
CNLS	ELITE UNLEADED SPOUT ASSEMBLY
CLS	ELITE LEADED SPOUT ASSEMBLY
CNLS P	PREPAY UNLEADED SPOUT ASSEMBLY
CLSP	PREPAY LEADED SPOUT ASSEMBLY
CFCxx	ELITE COVER xx
C11Bxx	ELITE PREPAY COVER xx
C376xx	ROUND SPLASH SHIELD xx

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STRAIGHT SWIVEL

Standard ~ Diesel ~ Commercial



STRAIGHT SWIVEL

STANDARD

DIESEL

COMMERCIAL

Catlow's straight swivel eliminates kinking and twisting of the hose making it easier to manipulate the nozzle while dispensing fuel. This straight swivel offers ease of operation for the customer and will extend the life of your hoses.

Recommended installation at the back of the nozzle

FEATURES and BENEFITS:

- *Increases hose life
- *Install either at the nozzle or the dispenser
- *360 degree swivel on the bushing end
- *Minimal flow restriction
- *Mates with all standard, diesel and high-flow bulk fueling hoses with NPT threads
- *Does not affect existing hose length
- *One year warranty

MATERIALS:

- *O'rings Viton and Fluorosilicone
- *Spring Stainless Steel
- *Body Aluminum
- *Body Aluminum & Brass on 1-1/2"

ORDERING SPECIFICATIONS

PART NUMBER	DESCRIPTION
3/4-SS	3/4"M X 3/4"F
1-SS	1"M X 1"F
CV90SW	1-1/2"M X 1-1/2"F

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