



m. Carder
INDUSTRIES, INC.



Serving the Petroleum Industry
Since 1970



New Automatic Nozzles

5-Star

This New lightweight automatic gasoline nozzle is ideal for full / self-service. "One hand" hold open clip with patented "Kicker" feature provides positive clip release with automatic shut off. Micro-Touch valve offers precise - to the penny flow control.

N7U - Unleaded 3/4" inlet UL Listed

N7L - Leaded 3/4" inlet UL Listed



5-Star S

This new lightweight automatic gasoline nozzle is ideal for prepaid locations. Has a pressure activated secondary shut-off that prevents fuel flow until system is pressurized. Micro-Touch valve offers precise - to the penny flow control.

N8U - Unleaded 3/4" inlet UL Listed

N8L - Leaded 3/4" inlet UL Listed



Micro-Flo 1000

This automatic gasoline nozzle is a traditional styled nozzle with M. Carder refinements. Our Micro-Touch valve offers precise flow control. Rotomatic latch pin for positive automatic shut off.

N1U - Unleaded 1" inlet UL Listed

N1L - Leaded 1" inlet UL Listed



Farm & Consumer

This F&C automatic nozzle is designed for use with small 12 volt and AC utility pumps, as well as larger Farm & Consumer pumps. The hook is the toughest available - will always maintain its shape.

N7UF - Unleaded 3/4" inlet UL Listed

N7LF - Leaded 3/4" inlet UL Listed

N1UF - Unleaded 1" inlet UL Listed

N1LF - Leaded 1" inlet UL Listed

N3F - Diesel 1" inlet UL Listed



New Automatic Diesel Nozzles

Big Mouth

The lightweight Big Mouth automatic diesel nozzle provides efficient refueling and durability at an economical price. Classic rear hold-open clip.

N3 - 1" inlet UL Listed



FuelMaster

The FuelMaster provides the higher flow capacity required for efficient refueling at many truck stops and terminal operations.

N4 - 1" inlet UL Listed

MCD/MCDS

High-Flow automatic diesel nozzle. Ideal for truck stops and fleet fueling. Offers "one-hand" hold open clip with patented safety Kicker.

The "Kicker" is designed to assure the hold-open clip will **always** release when automatic shut-off occurs.

Two models available - **MCD** for standard installations and **MCDS** for pre-pay installations.



N9 (MCD) 1" inlet

N2 (MCDS) 1" inlet



Fueler 100

A Heavy Duty High-Flow automatic nozzle with 1-1/2" inlet. It is tough, reliable and easy to operate. High strength aluminum casting for greater durability.

N6 1-1/2" inlet

1.888.814.0094

Remanufactured Nozzles

5-Star / 5-Star S

These nozzles are assembled to the same standard as the new nozzles using 30 new parts.

R9SL

R9SU

R9U

R9L

UL Listed



11A / 11B

These nozzles are remanufactured using the M. Carder refinements to improve reliability. At least 30 new parts are used in the assembly.

R7L

R7U

R6U

R6L



Micro-Flo 1000 / 1A

Specifications and assembly standards are the same as the new nozzle.

At least 30 new parts are used in the assembly.

R1U

R1L

UL Listed



Big Mouth

Specifications and assembly standards are the same as the new nozzle. Equipped with an extra large spout to help minimize diesel foam. At least 30 new parts are used in the assembly.

R3

UL Listed



FuelMaster / 7H / 7HB

Specifications and assembly standards are the same as the new nozzle.

At least 30 new parts are used in the assembly.

R8B

R8

R4

UL Listed



Fueler 100 / 1290

Specifications and assembly standards are the same as the new nozzle. Machine grooves in the spout are designed to hold the nozzle more securely in the fill pipe.

R5 / R11



Swivels & Breakaways

BRASS IS BEST

NEW Multi-Plane Swivel

To provide the best surfaces for O-ring seal rotation we have inserted a precisely machined sleeve into the aluminum castings. The sleeve is made from solid brass bar stock - turns easily and will not leak.



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Swivels

All M. Carder single plane swivels are made from machined aluminum and brass bar stock to provide the best sealing surfaces. No leaks.

Brass nuts are used to prevent galling in aluminum nozzle castings.



AWS10
1"

AWS34
3/4"

Breaktime Breakaways

Gas and Diesel. Unique break-ring design provides consistent and reliable performance. Compact, light-weight and easily repaired. Ball check-valves, seal both ends upon separation. UL Listed



AB34
3/4"

AB1
1"



AWS22
2" x 2"

AWS1414
1/4" x 1/4"

AWS1515
1/2" x 1/2"

AWS1514
1/2" x 1/4"

AWSCL15
1/2" x 1/2"



AWSP349
3/4" x 3/4"

AWSP1349
1" x 3/4"

AWSP119
1" x 1"

45°

90°

AWSP11
1" x 1"

AWSP134
1" x 3/4"

AWSP34
3/4" x 3/4"

HV Breaktime Breakaways

Safety comes in all sizes. The HV Breaktime uses the same break-ring technology and ball check-valves used in the smaller sizes. Providing protection for all high-capacity fueling operations - marinas, mining operations, truck and bus terminals, off-road refueling and fuel oil delivery.



AB14
1-1/4"

AB15
1-1/2"

AB3
3"

AB2
2"

1-888-814-0094

Nozzle Accessories

Conversion Adapters



Some states have determined there is no longer a need for Stage II Vapor Recovery. The canisters on the cars now capture the vapors when fueling.

The M.Carder adapters will allow for quick and easy conversion to conventional equipment.

Transitional Conversion Adapter

This adapter allows the use of a standard 3/4" 5-Star nozzle with the existing vapor recovery hose and other equipment. Extend the life of your current equipment.

AV34VT - Vacuum Assist



Conversion Kit



M. Carder's conversion kit makes it easy to switch from stage II vapor to standard. Kit includes: conversion adapter, breakaway coupling, breakaway hose, swivel, curb pump hose and nozzle.

AV34BK AV34VHK AV34VK

Flow Regulator

EnviroFlow Regulator. Pressure-sensitive valve adjusts to any line pressure to meet the EPA's 10 GPM ruling.

AEF34 - Nozzle
AEF34P - Pump



Spout Assemblies



Replacement Spouts for all standard and diesel nozzles.

DEF/E85

Swivels and Breakaways
All Stainless Steel Breakaways and Swivels available for DEF and electroless nickel plated aluminum for E85.



Covers & Replacement Parts

Cappers

The BEST splash guard. It is made of molded rubber and will maintain its shape in hot or cold temperatures.

Fits any style nozzle.

GO15

Colors Available:

- Black
- Green
- Red
- Blue
- Yellow



Covers

Vinyl scuff guards are available for all popular nozzles.



Smart Guard

GO78 (11A)

GO77 (11B)

Snap-on
scuff guard.

No need to remove
the nozzle from the hose. No ties required.
Easy to install.



Maintenance Kit



For Automatic Nozzles.
K11A

RE-NUIT Kit



It is easy to make your old nozzle look new
without taking the nozzle off of the hose.

Tools & Parts



Easy to install hold-open clip kit.
Spout Wrench and whip hoses.

1-888-814-0094

Q.S.I.

The customer's expectations of a product's performance is never average or just satisfactory. That is why we do not, and will not just produce "another" nozzle, swivel, breakaway, or splash guard... with us you can expect:

Quality products made to rigid component and assembly standards to provide superior reliability. This is backed up by our 100% testing procedure for all new and re-manufactured products.

Unmatched **Service**; our policy is to ship orders within five (5) days. On the rare occasion that we cannot, we will advise you by telephone.

To get **Innovative** "state of the art" products incorporating the latest engineering developments in the fuel handling equipment.

The best materials available for each application... high strength aluminum allows for castings, molded Nitrile Rubber for splash guards and high grade Viton for seals.

If you are not currently using M. Carder Industries equipment, consider this an invitation. This is your opportunity to start using the best.

Expect more...

Inside M. Carder



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