



# 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 Lised

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.





#### 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



### **Remanufactured Nozzles**

#### 5-Star / 5-Star S

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



#### 11A / 11B

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



#### Micro-Flo 1000 / 1A

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

At least 30 new parts are



#### **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



#### FuelMaster / 7H / 7HB

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

At least 30 new parts are



#### 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.





### Swivels & Breakaways

### BRASS IS BEST

#### **NEW Multi-Plane Swivel**

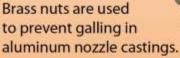
To provide the best surfaces for O-ring seal rotation we have inserted a precisely machined sleeve into the aluminum castings.





#### **Swivels**

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





AWS10



AWS34 3/4"

### AWSP349 AWSP1349 3/4" x 3/4" AWSP134 90° AWSP34

45°

AWSP119

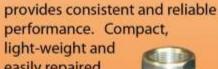
### **HV Breaktime Breakaways**

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.







easily repaired. Ball check-valves, seal both ends upon separation. **UL Listed** 



**Breaktime Breakaways** 

Gas and Diesel. Unique break-ring design

**AB34** 3/4"



AB1 1"





### **Nozzle Accessories**

#### **Converstion 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

#### **Spout Assemblies**



Replacement Spouts for all standard and diesel nozzles.

#### **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



#### 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





#### **RE-NUIT Kit**



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



#### **Maintenance Kit**



For Automatic Nozzles. K11A

#### **Tools & Parts**



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



## 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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