OMNI SERIES™ VAPOUR RECOVERY NOZZLE

Omni Series™ vapour recovery nozzles are available in both ON/OFF vapour path (for multi-nozzle dispensers) and open vapour path (for single nozzle dispensers) model options. Serviceability of the nozzle is made easy with the modular two-cartridge system which allows all internal-wear components of the nozzle to be quickly and easily removed from the nozzle for servicing. Standard features including no pressure-no flow, over-horizontal automatic shutoff, and full-tank shutoff ensure safe user operation as well as facilitate easy nozzle testing and servicing. Compatible with most European-style dispensers, hanging hardware and vapour recovery vacuum sources, Omni Series™ vapour recovery nozzles are easily interchangeable with most existing installations.

Highlights
- Familiar, user-friendly and light-weight design.
- Modular design allows quick and easy repair and servicing.
- No pressure-no flow feature makes compliance testing quick and clean without the use of special tools or the dispensing of fuel.
- Over-horizontal automatic shutoff feature helps to prevent unintentional spills.
- Custom scuff guard colour options.
- Full range of hand guard and hand guard magnet options to fit the most popular dispenser models.
- Standard and cold-weather model options available.
- Latching pin option for full-service refueling available.
- The ON/OFF vapour path model is for use with multi-nozzle dispensers. This model will automatically sense which nozzle is in use and close the vapour return path in the idle nozzles, preventing clean air from being pulled into the system.
- The Open Vapour Path model is for use with single-nozzle dispensers equipped with vapour recovery equipment.

Specifications
- Flow rate capability: Up to 45 lpm
- Working pressure: Up to 3.5 bar
- Low temperature rating: -25 °C (Standard), -40 °C (Low Temp)
- Fuel compatibility: Motor fuels including petrol up to 15% ethanol
- Electrical conductivity: Factory tested to <100k Ohm
- Internal pressure: 14 bar
- Body material: Aluminium
- Spout material: Aluminium with stainless steel tip
- Lever material: Glass-filled Nylon
- Inlet size: M34
- Weight: 1,035 grams

Approvals/Certifications
- ATEX certified per the EN13012 standard.
-TÜV approval.
Specifications

Components/Dimensions

1. Spout
2. Hand guard
3. Latch pin (optional)
4. Hand guard magnet (optional)
5. Handle cover
6. Scuff guard
7. Badge graphic (optional)

Flow vs. Pressure Drop

<table>
<thead>
<tr>
<th>Flow (lpm)</th>
<th>Pressure Drop (mbar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
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<tr>
<td>10</td>
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<tr>
<td>40</td>
<td>800</td>
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<tr>
<td>50</td>
<td>1000</td>
</tr>
<tr>
<td>60</td>
<td>1200</td>
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Omni Series Vapour Recovery Nozzle
Ordering Information

Ordering Guide
Complete part numbers have a specific order and are created using the following guidelines and ordering diagrams:

**OS - V A - B C D E - F G - H**
**OS = Omni Series™ base model**
**V = Vapour recovery nozzle**
**A = Model options**
- **O = Open path (no vapour valve)**
- **C = Check valve (on/off vapour valve)**
- **OL = Low temp. open path (-40 °C)**
- **CL = Low temp. check valve (-40 °C)**
- **OR = Open path w/ prepay restriction**
- **CR = Check valve w/ prepay restriction**
- **OLR = Low temp. open path (-40 °C) w/ prepay restriction**
- **CLR = Low temp. check valve (-40 °C) w/ prepay restriction**
**B = Fuel Type**
- **U = Unleaded**
**C = Hand guard options**
- **A = #1 (Gilbraco™, Scheidt & Bachmann™)**
- **C = #3 (Gilbraco™, Pumptronics™, Scheidt & Bachmann™)***
- **E = #4 (Adast™, Dresser Wayne™, Gilbraco™, Pumptronics™, Tatsuno Benc™, & Tokheim™)***
- **G = #6 (Tokheim™)***
- **H = #6B (Tokheim™)***
- **J = #8 (Dresser Wayne™, Gilbarco™, Hmag™, Instrumentointi™)***
- **K = #8D (Dresser Wayne™)***
**D = Hand guard magnet options**
- **M = Magnet block**
- **R = Round magnet**
- **T = Two magnets (round & block)**
- **W = Without magnets**
**E = Hand guard latch pin options**
- **N = No latch (self-service)**
- **L = Latching (full-service)**
**F = Scuff guard colour options**
- **00 = None**
- **01 = Black**
- **02 = Blue**
- **03 = Green**
- **04 = Gold**
- **05 = Orange**
- **06 = Red**
- **07 = Silver**
- **08 = White**
- **09 = Yellow**
- **10 = Light Blue**
- **11 = Light Green**
**G = Handle cover options**
- **N = Not imprinted**
- **F = FFS logo imprinted**
**H = Badge graphic options**
- **000 = No badge**
- **502 = Plain white badge graphic**

Example: OS-V0-UAMN-01N-502 = Omni Series™ vapour recovery nozzle, open path, unleaded, with #1 hand guard, magnet block hand guard, no latch, black scuff guard, not imprinted handle cover, no badge graphic.

Ordering Diagrams

See Badge Graphic Library on following page for additional badge options or contact Franklin Fueling Systems to have a custom badge graphic created.
Ordering Information

Omni Series™ Nozzle Badge Graphic Library

With each Omni Series™ nozzle you have the option to choose from a selection of badge graphics to fit the use of the nozzle. Use the part number suffixes below in conjunction with the Ordering Guide on the previous page to create custom Omni Series™ nozzle part numbers.
### Omni Series™ Replacement Parts

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<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Drawing</th>
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<tbody>
<tr>
<td>405655901</td>
<td>Vapour recovery nozzle filter screen</td>
<td>A</td>
</tr>
<tr>
<td>405655912</td>
<td>Handguard #1 (Gilbraco™, Scheid &amp; Bachmann™)</td>
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</tr>
<tr>
<td>405655913</td>
<td>Handguard #3 (Gilbraco™, Pumptronics™, Scheid &amp; Bachmann™)</td>
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<td>Handguard #6 (Tokheim™)</td>
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<td>Handguard #8 (Dresser Wayne™, Gilbarco™, Hmag™, Instrumentointli™)</td>
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<td>Handguard #BD (Dresser Wayne™)</td>
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<tr>
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<td>Black scuffguard</td>
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<tr>
<td>H117002R</td>
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<td>H117002GD</td>
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<td>Silver scuffguard</td>
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<td>H118003</td>
<td>Handle boot</td>
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<td>405655919</td>
<td>Magnet block with cover</td>
<td>E</td>
</tr>
<tr>
<td>405655920</td>
<td>Round magnet with fastener</td>
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