Liquified Natural Gas Refueling System

The Right Connection®

With the increasing shift toward cleaner fuel options, many oil companies are now providing LNG at fueling stations for heavy-duty vehicles. In response to this trend, we've introduced a new line of LNG components designed for fill and vent systems, ensuring safe and efficient refueling for trucks and buses.

LNG Fill Line Nozzle

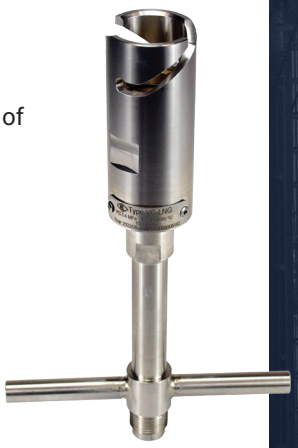
Application
- For refueling of heavy vehicles

Materials
- Body: stainless steel and brass alloy components
- Seals: PTFE

Specifications
- Flow Rate: **50 GPM**
- Max PSI: **490 PSI**
- Temperature range: **-320° F** to **185° F**

Part #	Description
LNGN16	1 5/16"-12 Male JIC fill line connection with swivel function

LNG Vent Coupling



Application
- Vent coupling for overpressure regulation in the LNG tank of heavy vehicles, especially trucks, to enable refueling

Materials
- Body: stainless steel construction
- Seals: PTFE

Specifications
- Flow rate: **10 GPM**
- Max PSI: **490 PSI**
- Temperature range: **-320° F** to **185° F**

Part #	Description
LNGVC10	7/8"-14 male JIC connection to vent line

Dixon

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Safety Breakaways

The Right Connection®

Application
- Protects LNG dispensers from drive-away incidents by separating and stopping the flow

Feature
- Separation in axial and angular direction (up to 90°) at a pull force of 7kN

Materials
- Body: stainless steel body and internals
- Seals: PTFE

Specifications
- Flow Rate: **50 GPM**
- Max PSI: **490 PSI**
- Temperature range: **-320° F** to **185° F**

LNGSBCVL10X25

LNGSBCVL10X75

LNGSBCFL16X25

LNGSBCFL16X16

Vent Line Connections	
Part #	**Description**
LNGSBCVL10X25	7/8”-14 male JIC X DN25 flange
LNGSBCVL10X75	7/8”-14 male JIC X 3/4” male NPT

Fill Line Connections	
Part #	**Description**
LNGSBCFL16X25	1-5/16”-12 male JIC X DN25 flange
LNGSBCFL16X16	1-5/16”-12 male JIC X 1” male NPT

Replacement Parts

Part #	Description
LNGN16-SEAL	replacement seal for LNGN16 nozzle
LNGVC10-SEAL	replacement seal for LNGVC10 vent coupling
LNGSBC-BOLTKIT	breaking bolt kit for LNGSBC breakaways
LNGSBC-SEAL	replacement seal for LNGSBC breakaways

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