Liquified Natural Gas Refueling System

The Right Connection®

Oil companies are offering LNG as an alternative fuel for heavy duty vehicles at gas stations more and more. To satisfy this growing demand, we are now offering LNG components for fill and vent lines, to safely refuel buses and trucks.

LNG Fill Line Nozzle

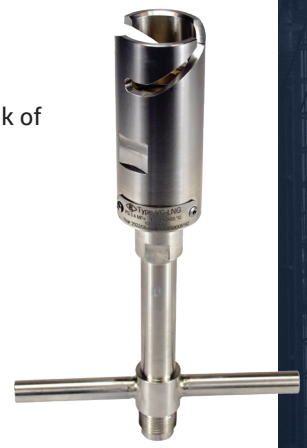
Application
- For refueling of heavy vehicles

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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