

# Natural Gas Solutions

## CNG High Pressure Valves



## Customer Value Proposition:

Parker Fluid Control Division (FCD) is actively involved in providing system solutions for the transportation market that support alternative fuel applications.

Parker FCD's current product offering features both high and low pressure valves for CNG applications. Our in house design, test, and validation capabilities also allow us to offer more complex, customized solutions to meet unique customer requirements. Our valve plus filter package shows the division's ability to design a customized solution, which not only enhances product performance but combines two products into one for ease of assembly.



## Contact Information:

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## Product Features

- 2 Way Normally Closed
- Stainless Steel Body
- 12VDC and 24VDC
- Maximum Pressures: See Chart
- Media Temperature: -10°F to 180°F
- Power Consumption: 22 Watts
- Optional Coalescing Filter: 99.97% coalescing efficiency

ENGINEERING YOUR SUCCESS.

## High Pressure CNG Valve

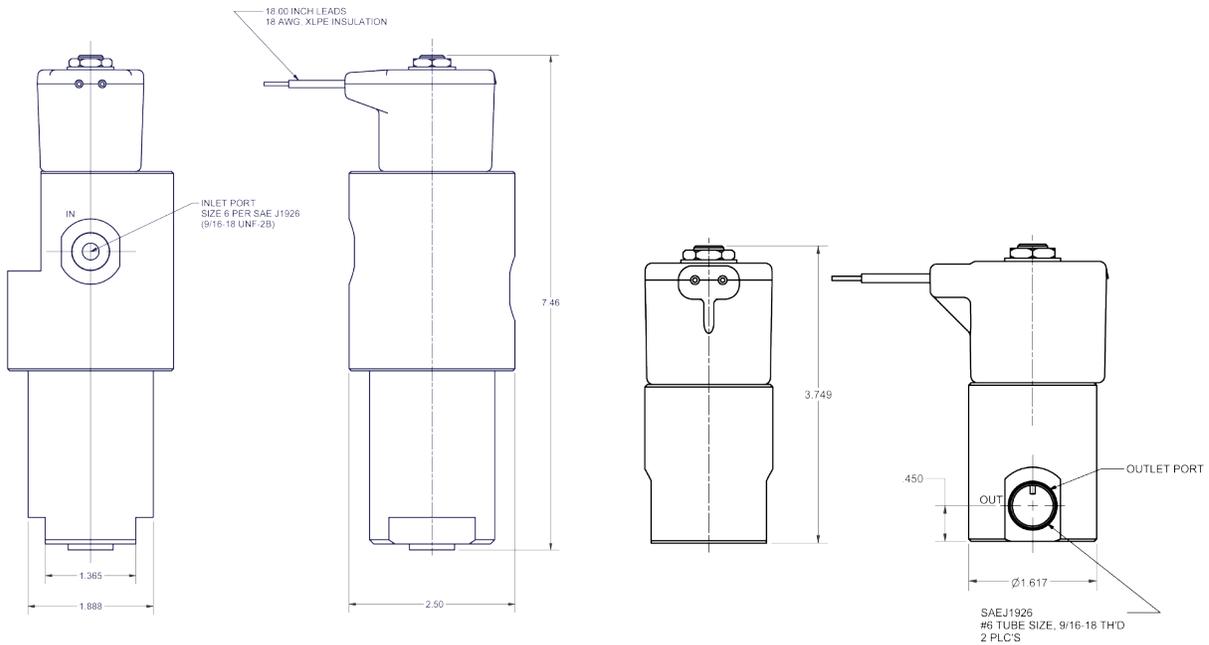
Port Size	Orifice Size in.		Flow Factor Cv		Operating Pressure Differential (MOPD) PSI		Min. Media Temp. °F	Max. Media Temp. °F	Power (Watt)	Seal	Valve Number
	Pilot	Body	Pilot	Body	Min.	Max.					
SAE-6	0.031"	0.109"	0.021	0.2	0	4500	-10	180	22	HNBR*	7121Z033N0L322**
1/8" NPT	0.031"	0.109"	0.021	0.2	0	4500	-10	180	22	HNBR*	7121Z034N0L322**
SAE-4	0.031"	0.109"	0.021	0.2	0	4500	-10	180	22	HNBR*	7121Z037N0L322**
M12	0.031"	0.109"	0.021	0.2	0	4500	-10	180	22	HNBR*	7121Z041N0L322**
1/4" NPT	0.031"	0.109"	0.021	0.2	0	4500	-10	180	22	HNBR*	7121Z042N0L322**
1/4" NPT	0.031"		0.021		0	4500	-10	170	22	Nylon	7121Z015N0L322**

## CNG Valve + Coalescing Filter

Port Size	Orifice Size in.		Flow Factor Cv		Operating Pressure Differential (MOPD) PSI		Min. Media Temp. °F	Max. Media Temp. °F	Power (Watt)	Seal	Valve Number
	Pilot	Body	Pilot	Body	Min.	Max.					
SAE-6	0.031"	0.109"	0.021	0.2	0	3600	-10	180	22	HNBR*	7121Z035N0L322**

\* HNBR = Hydrogenated Nitrile

\*\* Valve number ending in "C1" = 12VDC  
Valve number ending in "C2" = 24VDC



Dimensions for Reference Only.

The valve with filter is shown to the left and the stand alone configuration is shown to the right