

# Cryogenic Fill Manifold CFM, AFM & PFM Series

## Application

RegO® Goddard high quality brazed and welded assemblies are ideally suited for the original equipment manufacturer of bulk cryogenic vessels. A wide variety of valve types including union or bolted bonnet, bronze bodies & top works and piping of stainless steel or copper construction are available as production unit.

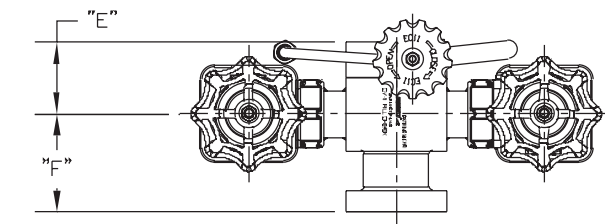
Ideal for all cryogenic liquids including Liquefied Nitrogen, Oxygen, Argon, and CO2. In addition RegO® can custom design configurations that are welded and brazed in a factory setting.

## Features

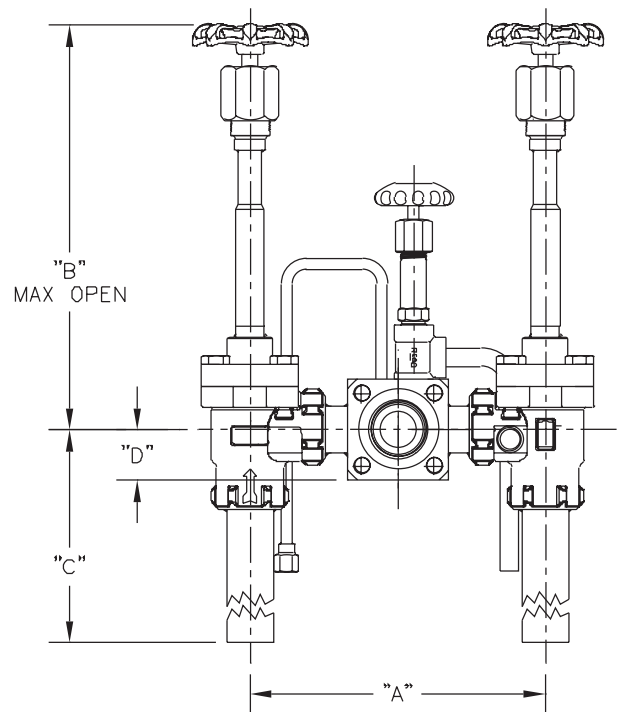
- Unitized construction eliminates leaks and provides easy fit-up to tank piping
- Modules commonly include top and bottom fill valves, fill check with strainer and hose bleed and relief valve
- Many options are available which can include specific end user dimensions and specifications
- Our valve products stand up to high cycle environments, without the need for field adjustment of valve packing
- Available alone or as a unitized welded assembly for bulk tank filling
- Repeatable performance and geometry
- Precision silver brazed and welded assembly
- Cleaned for Oxygen Service per CGA G-4.1
- Pressure Rating: CFM, AFM & PFM Series 600 psig (41 barg)
- Temperature Rating: -320°F (-196°C) to +165°F (+74°C)
- 100% Factory tested

## Materials

Globe Valve .....Brass ASTM B16  
 Check Valve .....Brass ASTM B16 "F Bleed Valve  
 Valve .....Brass ASTM B16  
 Tube .....304L Stainless Steel or Copper



**CFM4E**



## Ordering Information

Part Number	Size Inches	Size DN	Pipe Material	Bonnet Type	Dimensions						Cv (Kv)	
					A Inches	A mm	B Inches	B mm	C Inches	C mm	One side open	Both sides open
CFM2D	1"	25	Stainless Steel	Union	10.25	260.35	14.64	371.85	7.5	190.5	10.8 (9.34)	20.8 (17.99)
CFM4D	1½"	40					Bolted	15				
CFM4E				13	330.2							
AFM4D				15	381	14.64		371.85	20	508		
PFM4D			Copper									