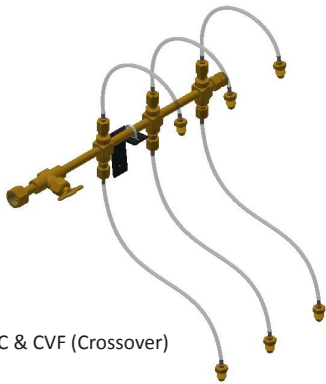


## Submittal Data Sheet

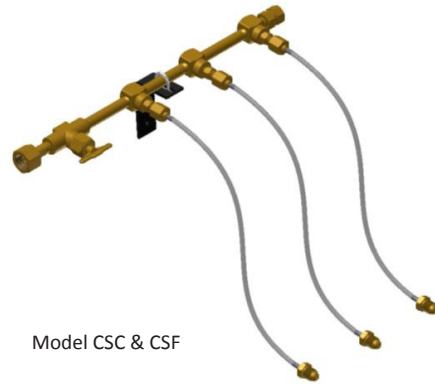
### Features

- Manifold outlet is 1"-11-1/2 NPSM RH-INT
- High quality brass master shut-off valve included
- Rigid copper pigtails standard in oxygen service (single loop design) optional in all other gas services
- Flexible stainless steel Teflon lined pigtails standard with most gas services.
- Maximum pressure 3,000 psig
- Wall mounting brackets included
- Built to accommodate future expansion by adding optional header extensions
- Made in the USA.

### Design



Model CVC & CVF (Crossover)



Model CSC & CSF

## Ordering Information

### Header Type (all 5" centers)

CSC = Staggered w/  
Copper Pigtails  
CVC = Vertical Crossover  
w/ Copper Pigtails  
CSF = Staggered w/ Stainless  
Steel Flex Braided Pigtails  
CVF = Vertical Crossover w/  
Stainless Steel Flex  
Braided Pigtails

**Number of Ports  
per Side**  
02 through 99

### Pigtail Type

C = Copper  
F = Stainless  
Steel Flexible

PX –

H	H	H	G	G	G	N	N	2	X	X	T	P	P
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### Gas Services

320 = Carbon Dioxide  
326 = Nitrous Oxide  
346 = Medical Air  
540 = Oxygen  
580 = Nitrogen, Argon,  
& Helium

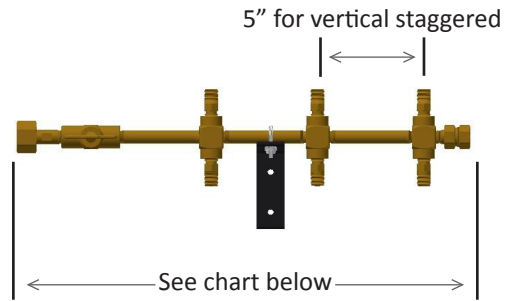
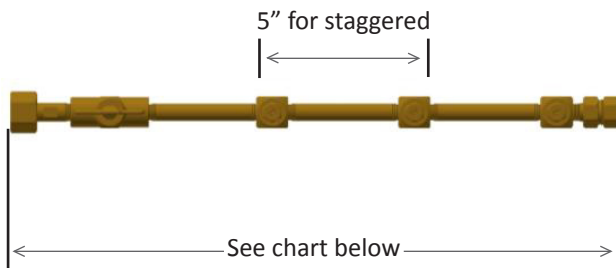
### Cabinet Type

2 = Set of Left  
& Right

### Pigtail Size

Use "24" with CSC or CSF headers  
up to 3x3 cylinders  
Use "36" with CSC or CSF headers  
4 x 4 cylinders or larger  
Use "36" when CVC or CVF headers are used.

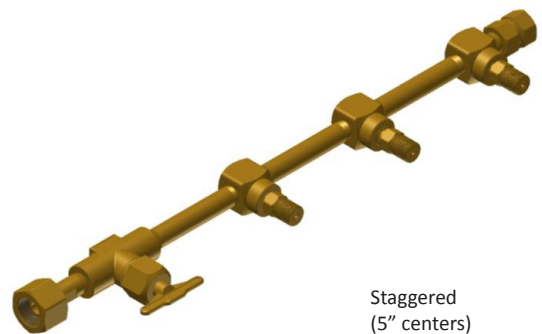
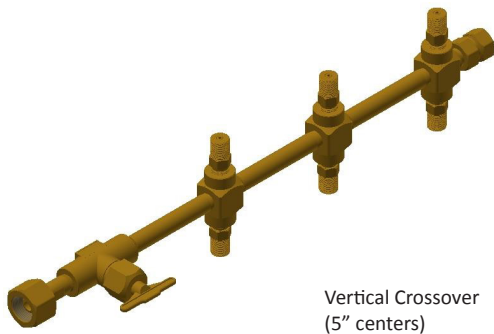
## Dimensional Drawings



## Design Lengths

# of cylinders per side	2	3	4	5	6	7	8	9	10
CSC & CSF – staggered (5" centers)	18"	23"	28"	33"	38"	43"	48"	53"	58"
CVC & CVF – vertical crossover (5" centers)	13"	N/A	18"	N/A	23"	N/A	28"	N/A	33"

## Header Configurations



## Ambient Temperature Limits

Maximum Temperature:	130°F / 54.4°C
Minimum Temperature:	
Nitrous Oxide	20°F / -6°C
Carbon Dioxide	20°F / -6°C
All other gases	0°F / -17°C

Note: N<sub>2</sub>O and CO<sub>2</sub> limits are due to diminishing vaporization rates and vapor pressures of cylinders at colder ambient temperatures. Other limits are based on elastomer manufacturers' working temperature limits.