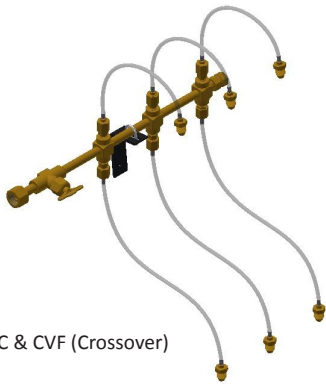


Submittal Data Sheet

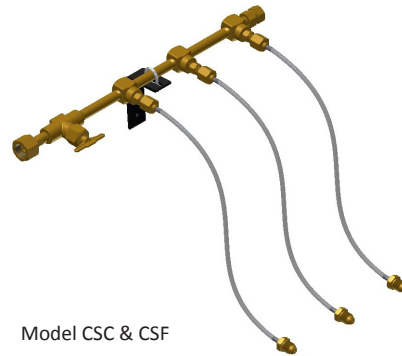
Features

- Manifold outlet is 1" -11-1/2 NPSM RH-INT
- High quality brass master shut-off valve included
- Rigid copper pigtailed standard in oxygen service (single loop design) optional in all other gas services
- Flexible stainless steel Teflon lined pigtailed 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

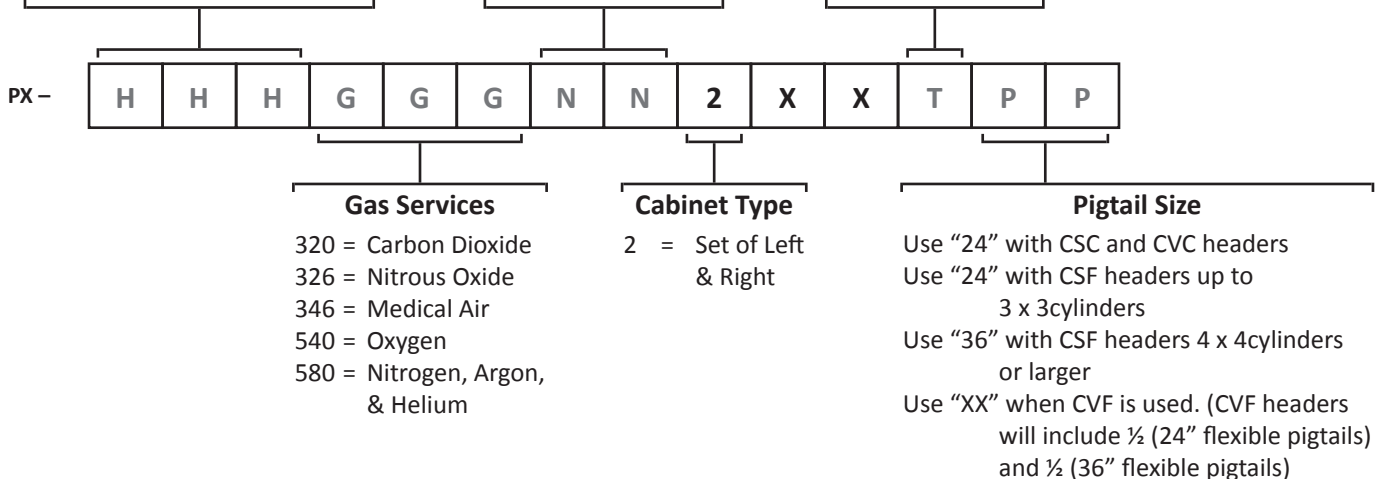
Ordering Information

Header Type (all 5" centers)

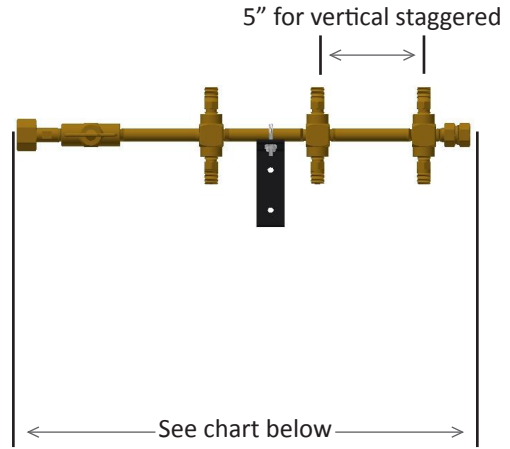
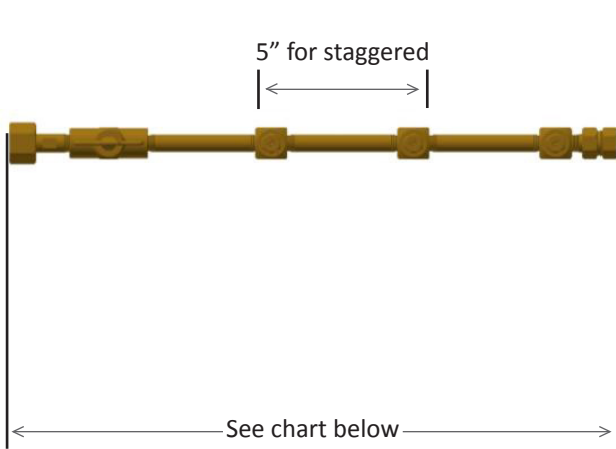
- CSC = Staggered w/ Copper Pigtailed
- CVC = Vertical Crossover w/ Copper Pigtailed
- CSF = Staggered w/ Stainless Steel Flex Braided Pigtailed
- CVF = Vertical Crossover w/ Stainless Steel Flex Braided Pigtailed

Number of Ports per Side
 02 through 99

Pigtail Type
 C = Copper
 F = Stainless Steel Flexible



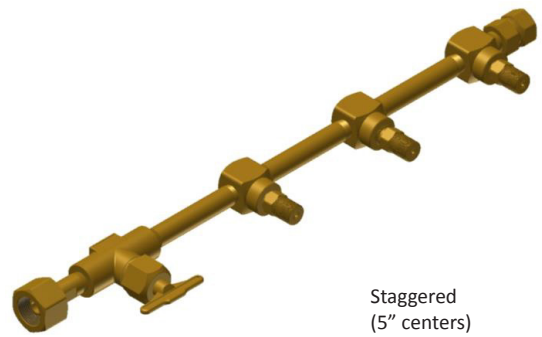
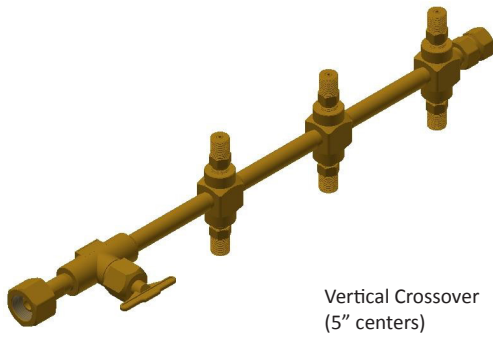
Dimensional Drawings



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: N₂O and CO₂ 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.