

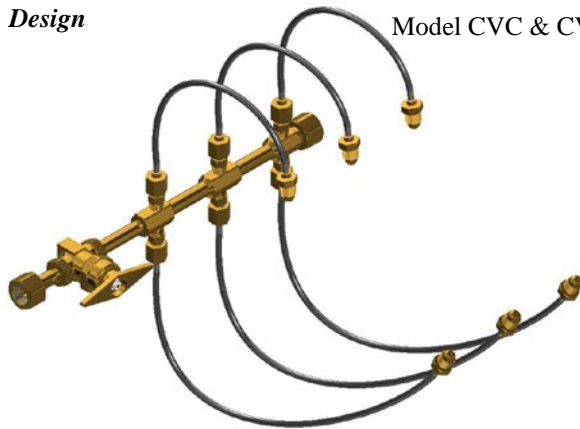
Manifold headers are cleaned for use with oxygen in accordance with CGA G4.1, tested and built-in accordance to Compressed Gas Association (CGA) and National Fire Protection Association (NFPA 99) guidelines.

Specifications

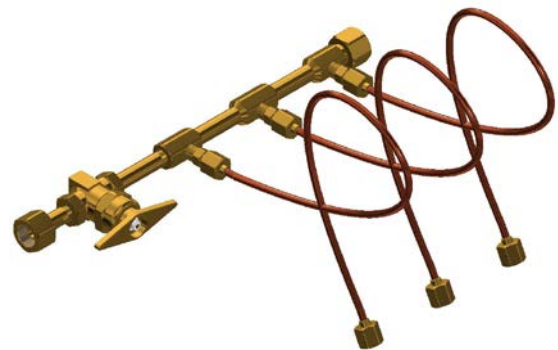
- **Five-year parts and one year labor limited warranty***
- Connection to manifold outlet (CGA 1340 female)
- High quality brass master shut-off valve included
- Rigid copper pigtailed standard in oxygen service (single loop design) optional in all other gas services
- Flexible stainless-steel Teflon lined pigtailed standard with most gas services.
- Maximum pressure 3,000 psi
- Wall mounting brackets included
- Built to accommodate future expansion by adding optional header extensions
- Made in the U.S.A.

* See terms and Conditions, Document No. 99-0477, on our website at: www.tri-techmedical.com for complete details.

Design



Model CVC & CVF (Vertical) shown with Flexible Pigtailed



Model CSC & CSF (Staggered) shown with Copper Pigtailed

How to Order: Easy to use modular ordering system. Fill in the 4 blanks to specify the header that meets **your** needs.

HHH | GGG | NN | 2 | XX | T | XX

H = Header Type
 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

G = Gas Service
 280 = Medical Breathing Mixtures/Carbogen Mixture (CO2 7% max) 320 = Carbon Dioxide
 326 = Nitrous Oxide 346 = Medical Air 500 = Tri-Gas
 540 = Oxygen or Hyperbaric Oxygen 580 = Nitrogen, Argon & Helium 590 = Instrument Air

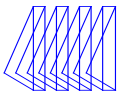
N = Number of Ports per side
 02 through 99

2 = Cabinet Header Location
 2 = Header Locations 2 and 3 (Set of Left & Right Headers)

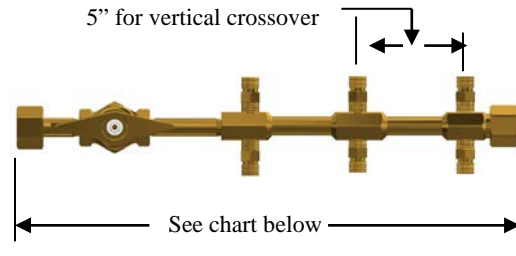
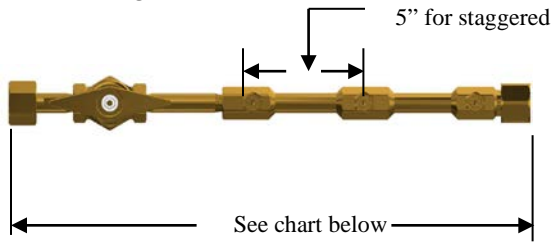
T = Pigtail Type
 C = Copper F = Stainless Steel Flexible

Examples

CSC540032XXCXX = Staggered Header with Copper Pigtailed, with Oxygen service, 3 port per side
CVF540062XXFXX = Vertical Crossover Header with Flexible Pigtailed, with Oxygen service 6 port per side



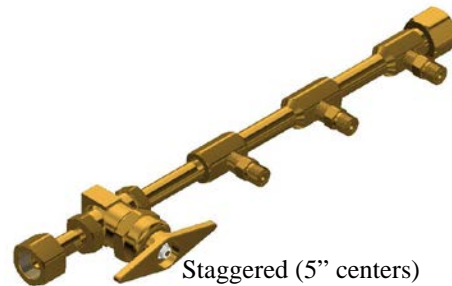
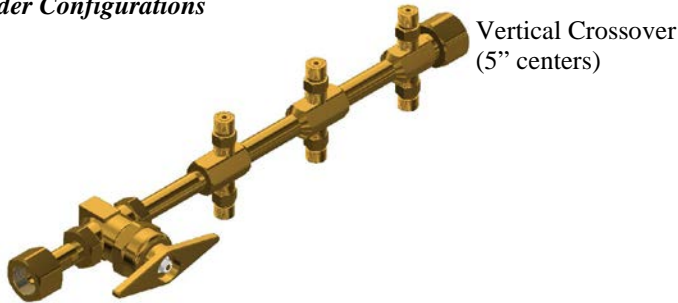
Dimensional Drawings



Design Lengths per side

<i>Total Number of cylinders per side</i>	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.

Header Locations

Location 3 (Left Bank)



Location 2 (Right Bank)