

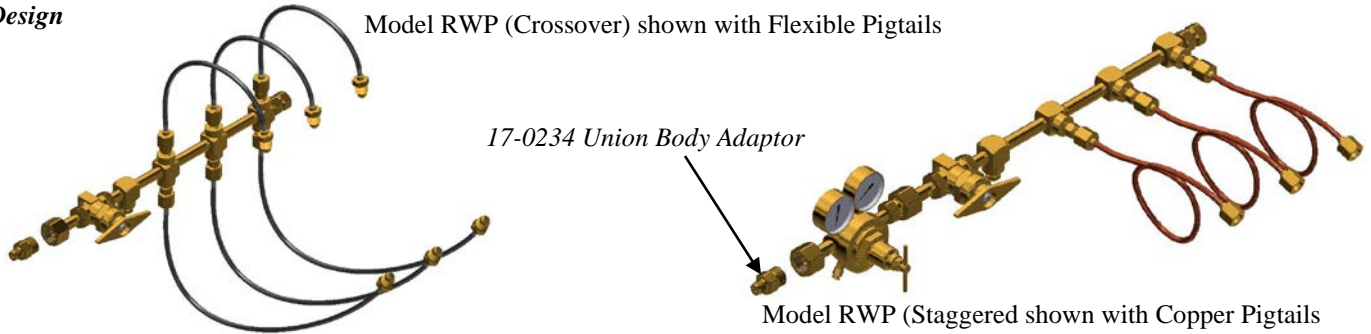
**Submittal Data Sheet**

**Specification:** RWP systems are designed for level I and level II installations requiring a permanent back-up (IBER in building emergency reserve) or emergency reserve system. All systems 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.

**Features and Benefits**

- **Five-year parts and one year labor limited warranty\***
  - High flow series regulator included
  - Manifold outlet is 1/2" Male NPT
  - High quality brass master shut-off valve included
  - Oxygen models include rigid copper pigtails single loop design
  - Flexible stainless-steel Teflon lined pigtails provided with all other gas services.
  - Staggered & vertical crossover headers includes flexible stainless-steel pigtails
  - 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](http://www.tri-techmedical.com) for complete details.

**Design**



**How to Order:** Easy to use modular ordering system. Fill in the 7 blanks to specify the header that meets **your** needs.

**RWP & RWPHP = 1 Order for Header Only - All Headers Pigtails are included in variable lengths.**

<b>TTT</b>	<b>GGG</b>	<b>NN</b>	<b>C</b>	<b>H</b>	<b>E</b>	<b>P</b>	<b>XX</b>
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**T = Control Type**  
**RWP** = Standard 0-125 psi      **RWPHP** = High Pressure 0-200 psi

**G = Gas Service**  
**280** = Medical Breathing Mixtures/Carbogen (CO<sub>2</sub> 7% max)      **320** = Carbon Dioxide      **326** = Nitrous Oxide  
**346** = Medical Air      **500** = Tri-Gas      **540** = Oxygen, or Hyperbaric Oxygen  
**580** = Nitrogen, or Argon or Helium      **590** = Instrument Air

**N = Number of Ports**  
**02 through 99**

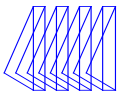
**C = Cabinet Header Location**  
**1** = Emergency Reserve      **2** = Right Bank

**H = Header Configuration**  
**S** = 5" Staggered      **V** = 5" Vertical Crossover

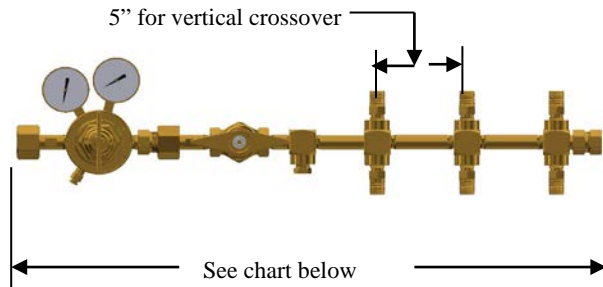
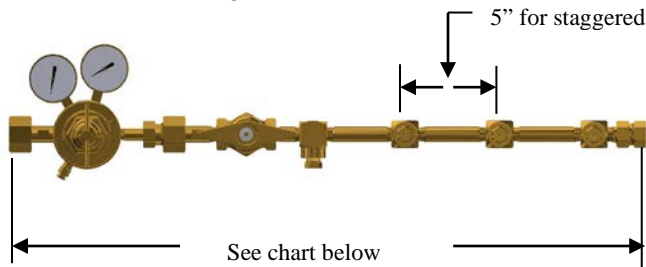
**E = External Configuration**  
**B** = Plug (17-0158)  
**D** = Pressure Switch (PS-100-1000), Nipple (17-0235), Tee Fitting (17-0299), Reducer Nipple (17-0229) & Pressure Switch (PS-160-3200)  
**T** = Adapter, Transducer (17-0150)  
**N** = Location 1- Adapter (17-0150) & Transducer (14-3001-12) 12ft Cable, Check Valve (CV-050F), Transducer (14-3002) (Install at factory in intermediate block of Manifold Cabinet)  
Location 2- Adapter (17-0150) & Transducer (14-3001) with 4' cable  
**P** = Reducer Nipple (17-0229) to adapt the Pressure Switch  
**W** = Reducer Nipple (17-0229) & Pressure Switch (PS-160-3200)

**P = Pigtail Type**  
**C** = Copper      **F** = Stainless Steel Flexible

Example: **RWP540032SBCXX** = Standard type header, with 3 port Oxygen service in location 2, staggered header with a plug and Copper Pigtails



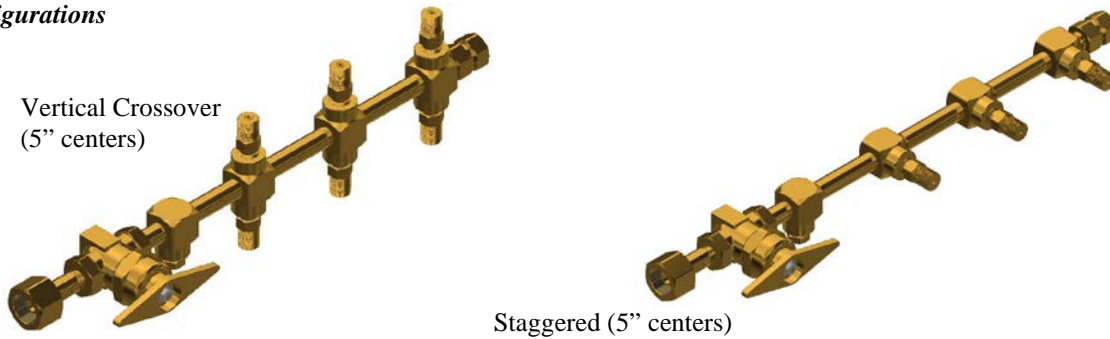
**Dimensional Drawings**



**Design Lengths**

Total # of cylinders	3	4	5	6	7	8	9	10
RWP – staggered 5” centers	3’ – 3”	3’ – 8”	4’ – 1”	4’ – 6”	4’ – 11”	5’ – 4”	5’ – 9”	6’ – 2”
RWP – vertical crossover (5” centers)	N/A	2’ – 2”	N/A	2’ – 7”	N/A	3’ – 0”	N/A	3’ – 5”

**Header Configurations**



<b>Ambient Temperature Limits</b>		
Maximum Temperature:	130° F / 54.4 C	<i>Note:</i> 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.
Minimum Temperature:		
Nitrous Oxide	20° F / -6 C	
Carbon Dioxide	20° F / -6 C	
All other gases	0° F / -17 C	

**Header Location**

