

# **MST MODEL RP050B(-)S1/2**

## **“TWIN 50” CO REMOVAL SYSTEM**

**(100 SCFM RATED SYSTEM)**

**MST’S “RP” SERIES REMOVES “CO” ..... DOES YOUR SYSTEM?**

**Air from standard compressed air usually is contaminated with oil, water, dirt, rust and often DEADLY CARBON MONOXIDE. The MST’s RESPIRATORY PROTECTOR® SERIES is a Four Stage Purification System that removes or reduces these contaminants and continually monitors the carbon monoxide level of the purified air.**

### **FIRST/SECOND STAGE\***

**Coalesces liquids down to 0.75 microns**  
**Particulate removal down to 0.30 microns**  
**Efficiency rating of 99.97%**

\*Meets Underwriters Laboratories Specification UL 586 for “HEPA” units.

### **THIRD STAGE**

**Activated Carbon for removal of gaseous hydrocarbons**

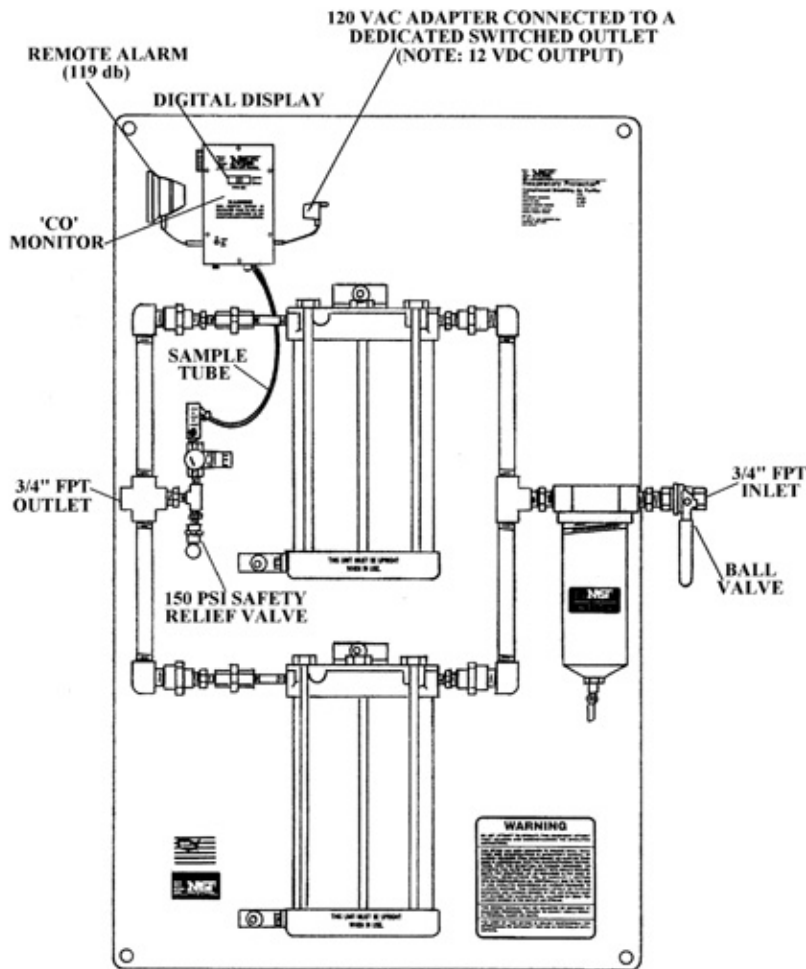
### **FOURTH STAGE**

**MST’S LTC Catalyst converts “CO” into CO<sub>2</sub>**

### **MONITORS AVAILABLE**

**5700 ‘CO’ (pictured)**  
**2002 ‘CO’**  
**5701 ‘CO/O2’**





NOTE: MOUNTED ON 24" x 48" BOARD

## RP050B(-)S1/2 SPECIFICATIONS

INLET PRESSURE (MAX)	150 PSIG STATIC (10.4 bar)
RATED AIR FLOW (MAX.)	100 SCFM (47 L/s)
OPERATING PRESSURE	100 PSIG DYNAMIC (6.9 bar)
OPERATING TEMPERATURE RANGE	35-150° F (2-65° C)
OPERATING RELATIVE HUMIDITY (INLET AIR)	30-100% RH
INLET CARBON MONOXIDE CONCENTRATION (MAX.)	40 PPM (VOLUME)*
OUTSIDE DIMENSIONS	24"W x 48"L x 5.75"D (610mm x 1219mm x 146mm)
WEIGHT (INCLUDING MONITOR)	53 LBS (24.2 kg)
REPLACEMENT FILTER SET	FX050/2

\*BASED ON MAXIMUM FLOW CONDITIONS (100 SCFM) FOR 40 HOURS MINIMUM CONTINUOUS PERFORMANCE. (PER OSHA 10 PPM MAXIMUM OUTLET 'CO' ONLY. CANADA WILL BE LOWER).

*"Save  
Your  
Breath  
With*

**NST<sup>®</sup>**  
MODERN SAFETY TECHNIQUES

11388 Breininger Rd.  
P.O. Box 87  
Hicksville, OH 43526  
Website: [www.modsafe.com](http://www.modsafe.com)

Phone: (800) 542-6646  
(888) mod-safe  
(419) 542-6645  
Fax: (419) 542-6475

Email: [modsafe@bright.net](mailto:modsafe@bright.net)

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