

# CPS<sup>®</sup>

# VORTECH™ 1 VALVE MANIFOLD

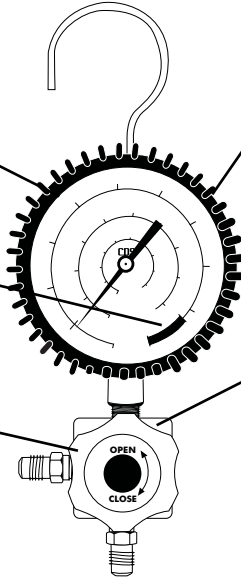
None-Flutter Gauge /  
Rugged metal housing

Protective Rubber  
Gauge Boot

Front Calibration  
Access Port

Anodized Aluminum  
Block Body

Large  
Easy-to-Grab  
Knobs



## GENERAL SAFETY INSTRUCTIONS

**ONLY QUALIFIED SERVICE PERSONNEL SHOULD OPERATE THIS UNIT. MOST STATES, COUNTRIES, ETC... MAY REQUIRE THE USER TO BE LICENSED. PLEASE CHECK WITH YOUR LOCAL GOVERNMENT AGENCY.**

**Danger-** Avoid breathing refrigerant vapors and lubricant vapor or mist. Breathing high concentration levels may cause heart arrhythmia, loss of consciousness, or even cause suffocation. Exposure may irritate eyes, nose, throat, and skin. Please read the manufacturers Material Safety Data Sheet for further safety information on refrigerants and lubricants.

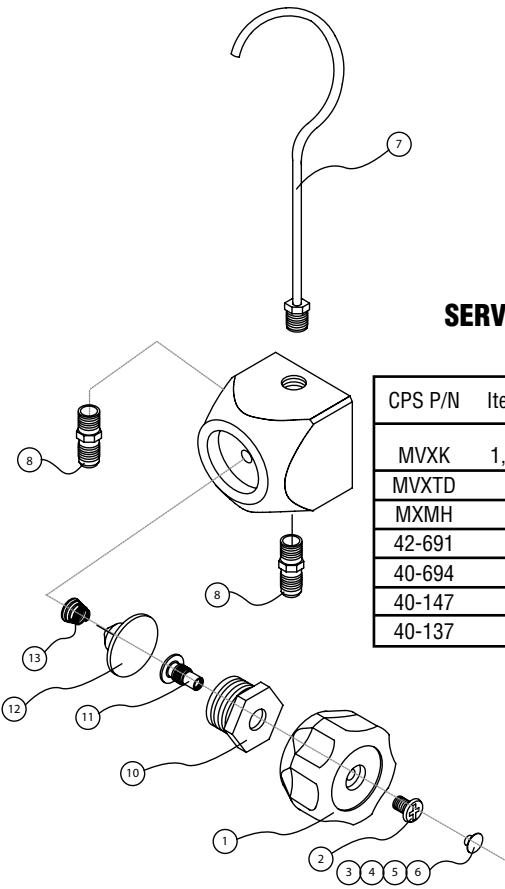
**Danger- EXPLOSION RISK.** Use extreme caution when working with flammable refrigerants. Never use this manifold with Oxygen.

**Danger- EXPLOSION/RUPTURE RISK. DO NOT** use this manifold with unregulated nitrogen, carbon dioxide or other very high pressure gasses. Unregulated gasses can cause components in a refrigeration system to rupture. Severe Injury or Death can occur.

**Caution-** all hoses may contain liquid refrigerant under pressure. Contact with refrigerant may cause frostbite or other related injuries. Wear proper personal protective equipment such as safety goggles and gloves. When disconnecting any hose, please use extreme caution.

## 1 WAY MANIFOLD FUNCTION

1. The hand knob will control the flow between the side and bottom port.
2. Pressure gauge measures pressure on the bottom port with the valve closed.



## SERVICE PARTS LIST: 1V VVS MANIFOLDS

CPS P/N	Items (qty.)	Description	1V Models
MVXK	1,2,3,4,5,6	Black knob w/ covers w/ screws	MV1
MVXTD	12,13	1V VVS Valve Repair Kit	MV1
MXMH	12,13	Hook Hanger	MV1
42-691	7	VVS Packing Nut	MV1
40-694	11	VVS Stem	MV1
40-147	8	1/4 SAE STR Fitting	MV1
40-137	8	1/2-20 UNC STR Fitting	MV1J

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