

# BLACK & CHROME MANIFOLDS



**TRIPLE-SEAL™ VALVES**

## TRIPLE-SEAL™ VALVES

Our proprietary Triple-Seal Valve System is engineered for superior performance using an innovative three Neoprene™ o-ring design

- Back-seating o-ring seals valve nut when fully open
- Floating nylon sealing disk
- Valve stems retract fully to provide maximum flow
- Mirror-like port finish for smooth valve movement



**VORTECH® VALVES**

## VORTECH® VALVES

Superior performance that actually can be measured!

The Vortech Deep Vacuum Valve System is an advanced diaphragm valve system, certified 15 micron vacuum rating using precision-machined virgin Teflon™ core provides a full, unrestricted refrigerant flow and allows a light touch valve operation.

Manifold Body			Refrigerant(s)					Gauges					Manifold and Gauge Set					
Description	Valves	Fittings	R-22	R-134 A	R-404 A	R-407 C	R-410 A	Gauge Size	Accuracy	Scale	Pressure	Low Gauge	High Gauge	Manifold and Gauge only (No Hoses)	With (3) 5' Premium Black & Chrome Hoses	With (3) 5' with Ball Valve		
BLACK AND CHROME VORTECH™ VALVE SERIES	2	1/4" SAE 45°	●	●	●		●	3-1/8"	Class 1.0	°F	Psi	RGH4L	RGH4H	-	MV2H4P5Z	MV2H4P5EZ		
			●			●	●										°C	bar/Psi
	4	1/4" SAE 45°	●	●	●		●	3-1/8"	Class 1.0	°F	Psi	RGH4L	RGH4H	-	MV4H4P5Z	MV4H4P5EZ		
			●			●	●										°C	bar/Psi
BLACK AND CHROME TRIPLE SEAL™ SERIES	2	1/4" SAE 45°	●	●	●		●	2-1/2"	Class 1.6	°F	Psi	RGH5L	RGH5H	MBH5Z	MBH5P5Z	MBH5P5EZ		
						●	●										°F/°C	Psi/kPa
						●	●	●	●	3-1/8"	Class 1.0	°F	Psi	RGH4L	RGH4H	MBH4Z	MBH4P5Z	MBH4P5EZ
			●			●	●	°C	bar/Psi									

**BLACKMAX™**

**BLACK & CHROME™  
VORTECH™ VALVE SERIES**

- Two and four valve black anodized aircraft aluminum machined body
- Vortech™ deep vacuum valves
- 3-1/8" (80 mm) class 1.0 accuracy gauges built with internal silicon dampening cup for flutter-free operation
- Nickel plated 1/4" SAE fittings; 3/8" SAE fitting (4 valve units)
- Large sight glass
- Heavy duty nickel plated metal handles
- Auxiliary center access port with Schrader valve
- Protective gauge boots
- Packaged in display tin
- Designed and manufactured in USA with US and globally sourced components



Large sight glass with Vortech™ valves



Protective gauge boots #RGX80B



American made non-permeating premium refrigerant hose(s)

**BLACKMAX™**

**BLACK & CHROME™  
TRIPLE-SEAL™ SERIES  
(includes VORTECH™ Valves)**

- Two valve black anodized aircraft aluminum machined body
- Vortech™ deep vacuum valves
- Triple Seal™ piston valves
- Available in 3-1/8" (80 mm) class 1.0 accuracy gauges or 2 1/2" (68 mm) class 1.6 accuracy gauges built with internal silicon dampening cup for flutter-free operation
- Nickel plated 1/4" SAE fittings; 3/8" SAE fitting (4 valve units)
- Auxiliary center access port with Schrader valve
- Protective gauge boots
- Packaged in display tin
- Designed and manufactured in USA with US and globally sourced components



Black anodized aircraft aluminum machined body



Protective gauge boots



Packaged in display tin