

## 6x6 MaxAir HP Crude Oil Emergency Valve

### The Proven Performance of our MaxAir HP is now available in a 6x6 Size for Crude Transportation

Civacon's 6" MaxAir HP Crude Oil High-Performance Internal Air Emergency Valve is engineered to perform in the harsh environments prevalent in crude oil transportation. Its large, field proven, internal air cylinder design features no moving parts in the flow path, for maximum flow rate and the lowest pressure drop in viscous media.

These valves are manufactured with hard coat anodized aluminum media exposed components for added corrosion protection. The Viton Seat provides superior product compatibility. Available in a 90° flanged Elbow or flanged Tee Outlet option.

With no bulky external air cylinder, installation is cleaner and easier, with reduced weight and cost.

These valves incorporate a frangible shear groove per 49CFR178.345-8 requirements that is tested per TTMA RP 84 and conforms to all DOT HM183 standards. Also features an integrated air inlet that allows the valve to close if it becomes sheared in the event of a collision. A factory installed fusible plug will melt at a temperature of 212°F (100° C) allowing the valve to also deplete its air pressure. A built-in mechanical jack screw can manually open the valve's poppet if air is ever lost.

### Ordering Specifications

VA9181 – 6" MaxAir HP Internal Valve 90° Elbow Style Body / Flanged 6" TTMA Outlet with Viton Seat

VA9381 - 6" MaxAir HP Internal Valve Tee Style Body / Flanged 6" TTMA Outlet with Viton Seat



### Features & Benefits

- Designed for Harsh, Abrasive & Corrosive Crude Oil Applications
- Field-Proven, Powerful, Internal Air Cylinder with No Moving Parts in the Flow Path
- Superior Flow Rate, and Lowest Pressure Drop Offers Faster Unloading
- Hard Coat Anodized Aluminum Cast Media Exposed Components. Stainless Steel Shaft.
- Viton Seat & Seals for Superior Compatibility
- 6" TTMA Flanged Outlet Available in 90° Elbow or Tee Configurations
- Mechanical Jack Screw for manual off-loading in the event of air pressure loss
- Conforms with DOT HM183 Standards
- Meets 49CFR178.345-8 Requirements for Shear Section with testing per TTMA RP 84
- Temperature Range –40°F to 220°F (-40°C to 104° C)

# 6x6 MaxAir HP Crude Oil Emergency Valve

## Product Specifications

### Product Number:

VA9181 (90-degree Elbow Style) / VA9381 (Tee Style)

**Materials:** Hard Coat Anodized Aluminum Media Exposed Cast Components / Stainless Steel Shaft / Viton Seat and Media Seals.

**Dimensions:** See Below

**Weight:** VA9181 18.20 Lbs. (8.25 Kg) / VA9381 21.55 Lbs. (9.77Kg)

**Temperature Rating:** -40°F to 220°F (-40°C to 104° C)

