

# ADD-VANTAGE 9000-VS SERIES: STAINLESS STEEL

## DESCRIPTION

The ADD-Vantage 9000 includes OEI's patented magnetic filter element as well as a stainless steel cloth element. Systems are optimized for fluid viscosity, flow volume, flow rate, temperature, mobility, and mounting requirements. This specialty ADD-Vantage 9000 design is CRN certified.

## Flow Control

This ADD-Vantage 9000 is designed with "Inside-out" flow control designs with the magnetic filter element as the primary filter. Its high holding capacity allows for extended operating life of the stainless steel cloth element which minimizes bypassing and extends cleaning intervals.

## BENEFITS

- » High holding capacity allows for extended planned maintenance periods
- » Flows 43% more fluid or lube oil than conventional filters
- » Installs the same as conventional filters, no retrofitting required

WATER

GLYCOL

COOLANT

CHEMICALS



## EFFICIENCY

Magnetic Filter Element	Ferrous Contamination	Captures ferrous wear particles down to 4 $\mu$ and below with up to 95+% efficiency.
	Non-ferrous Contamination	Non-ferrous particles are magnetically captured because of cross-contamination from static charge or embedded ferrous particles.
Stainless Steel Cloth Element Absolute Rating <i>Flat Screen, Perforated</i>	10 $\mu$ , 25 $\mu$ , 40 $\mu$ , 150 $\mu$	BETA 200

## OPERATING PARAMETERS

Part Number	Port Size	Housing Size	Flow Control	Flow Rate @ 68 cSt	Pressure Rating	Temp. rating	Magnetic filter element
9ADV9-VS216	1"	4" OD x 16" L	Inside-out	5 gpm (19 L/min)	< 7 bar (101 psi)	75° C (167° F)	½" OD
9ADV9-VS220	1"	4" OD x 26" L	Inside-out	10 gpm (38 L/min)	< 7 bar (102 psi)	75° C (167° F)	½" OD

## CLEANING

- » Magnetic Filter Element: Remove the contamination with a lab cloth/non-fiber cloth that absorbs the contamination. Save the cloth in a sample bag to send for analysis.
- » Stainless Steel Cloth Element: Separate the filter element and clean with a solvent, soap and water, a parts washer, or ultrasonically. Then let the element air dry.
- » Use the magnetic filter element as a predictive maintenance tool by removing contamination with a lab cloth or rubber glove and depositing it into a sample jar. Send the contamination for analysis to determine the source of equipment component wear and prevent system failure.

## MATERIALS

Magnetic Filter Element	Rare-earth magnets configured in a patented radial field design
Housing	Stainless Steel
Flat Screen, Perforated Cloth-Media Element	Stainless Steel
Seals	Buna

## INSTALLATION

Port Type	NPT	Mount Type	Inline
		Element Clearance	Housing length + 4"

## LIMITED WARRANTY

Magnetic Filter Element	3 years
Housing and Components	1 year

## SERVICE LIFE

Magnetic Filter Element	18+ years
Stainless Steel Cloth Element	5 years

