

ASV

Allen Strainer Vessel

Specifications

Outside Diameter	8–60 in (20.3–152.4 cm)
Height	34 in (86.4 cm)
Weight	100–3,400 lb (45.4–1,542.2 kg)
Flow Rate	10–6,500 gal/hr (37.9–24,605.2 L/hr)
Particulate Removal	> 5 μm
Operating Temperature	250°F (121.1°C) max.
Operating Pressure	150 psi (1,034,213.6 Pa) max.
Inlet Connections	NPT or RF flanged
Outlet Connections	NPT or RF flanged
Materials of Construction	Carbon steel
System Gauges & Indicators	Pressure Differential pressure
Code Construction	ASME



Features

- Easily removed and cleaned for re-use
- Absolute micron particle removal at extremely high flow rates
- Chemical changes will not occur during filtration
- Designed for years of high performance operation with minimum service requirements

Applications

- All types of oils
- Industrial waters
- Coolants
- Hydraulic fluids
- Chemicals
- Food processing fluids

The Allen Strainer Vessel (ASV) is designed for efficiency and ease of operation, especially suited for very high flow rates and chemical filtration where other filter elements would disintegrate. Standard design features include: flow direction from outside to inside the strainer elements, a dished bottom to separate the clean fluid compartment from the dirty for draining and cleaning, removable gasketed top cover for easy cleaning, and highly chemical-resistant elements. The stainless strainer elements can withstand up to 100 psi (689,475.7 Pa) of differential pressure and are completely backwashable for continued use. The ASV can be ASME code-designed and is approved for hi-shock and marine installations. The ASV is easily installed using your existing connections and piping and come in simplex, parallel, or duplex models.