



AEWT's Industrial Customized Media Filters



AEWT designs and manufactures custom fabricated Pressure Vessels in accordance with international standards. We have extensive experience in the manufacturing of vessels and other products in carbon steel materials coated with epoxy.

Our workshop is fully equipped with a comprehensive range of modern equipment and machinery, enabling us to manufacture your custom designed pressure vessel with exact specifications using carbon steel or stainless. Our capabilities allow us to construct horizontal and vertical vessels with a variety of supports (saddle, legs, ... etc.) in different capacities.

Our standard range of pressure vessels are expertly engineered for reliability and ease of use offering durable and consistence performance. All ranges of pressure vessels are available in competitive lead time and very economical fees.

Vessel Material of Construction

Heavy wall construction allows the PV Series to handle pressures up to 150 psi (10.3 bar). Manifolds, backwash valves and all other componentry is also compatible with this pressure.

Epoxy coating inside & out

The Pressure vessel is made of carbon steel coated with epoxy internally and externally for maximum corrosion and rust protection. Also it performs very well in hot climate up to 120 °C.

Diameter(m)	Height(m)	Volume(m ³)
1.35	1.7	2.43
1.60	1.7	3.42
1.85	1.7	4.57
2.20	1.8 - 2	6.8 - 7.6
2.50	1.8 - 2	8.8 - 9.8

Standard Features

The filter is equipped with automatic or manual face Piping having five Valves to perform the regeneration process

can be equipped with Pneumatic or butterfly valves

the Automatic system is connected with Siemens PLC

the vessel is made of epoxy coated carbon steel

the vessel is equipped with all necessary manholes , vent and drain ports

system is provided complete with upper and lower distribution system

Optional choices

Stainless steel pressure v with S.Steel face piping

inlet/outlet sample valve

Stainless steel distributio system

multi filters can be connected in parallel or series

pressure gauges or Differential pressure sensors

Supported legs

✚ We are ready for any special cases or special requirement.