

100 Series High Pressure Housings



100 SERIES HIGH PRESSURE HOUSING

An economical, compact housing that can be adapted to serve as either a filter, liquid filter separator or air/gas entrainment separator depending upon the cartridge(s) selected to meet the application requirements. It is designed for use on liquids, fuels, compressed air or natural gas streams to remove solids only (*filter*), or to remove water and particulate matter from fuels, oils and other immiscible fluids (*liquid filter separator*), or to remove entrained hydrocarbons, water mist and solids from compressed air or natural gas streams (*air/gas entrainment separator*).

For solids removal only from compressed air, natural gas or liquids, the nominal micron rating of the filter cartridge is important in determining which cartridge should be used in the filter housing to meet the application requirements.

To remove water and particulate matter from fuels, oils and other immiscible fluids or to remove entrained hydrocarbons, water mist and solids from compressed air or natural gas streams, the type of media and micron rating are important in selecting the right cartridges to install in the liquid filter separator or air/gas entrainment separator housing to achieve the required performance.

STANDARD HOUSING DESIGN FEATURES

- Body: Carbon steel - welded construction to best commercial practice
- Interior: Epoxy coated
- Exterior: Shop primer
- Closure: Victaulic
- Closure seal: Buna-N o-ring—other materials available on request
- Center pipe: Cadmium plated carbon steel
- Internal seals: Die cast aluminum
- Inlet and outlet connections: 1" 3000# NPT coupling
- Vent and drain connections: 1/4" NPT and 3/4" NPT respectively
- Maximum operating temperature of 180°F is recommended for all air/gas
- Maximum pressure rating of 1000 psi

Due to our continuing program of improvement, specifications are subject to change without notice.