



1AGB

The Facet 1AGB Series vertical housing permits easy access for inspection or change out of media. The baffle plates at the inlet remove a large amount of solid particulate matter which are collected in the quiescent sump. Use of the impingement baffle permits cartridges to extend their lifetime and function more efficiently in the removal of microscopic solids.

OPERATION

The gas stream enters the filter and through the use of baffling impingement of solid particulate matter occurs, and the velocity of influent gas is reduced before passing through the cartridges. Some solids drop out and are collected in the sump where they are drained when the drainage is open.

Remaining solid particulate matter will be removed when the gas stream flows from outside-inside through the cartridge. Solids remain in the cartridge and gas free of solids flows to the outlet chamber.

STANDARD HOUSING DESIGN

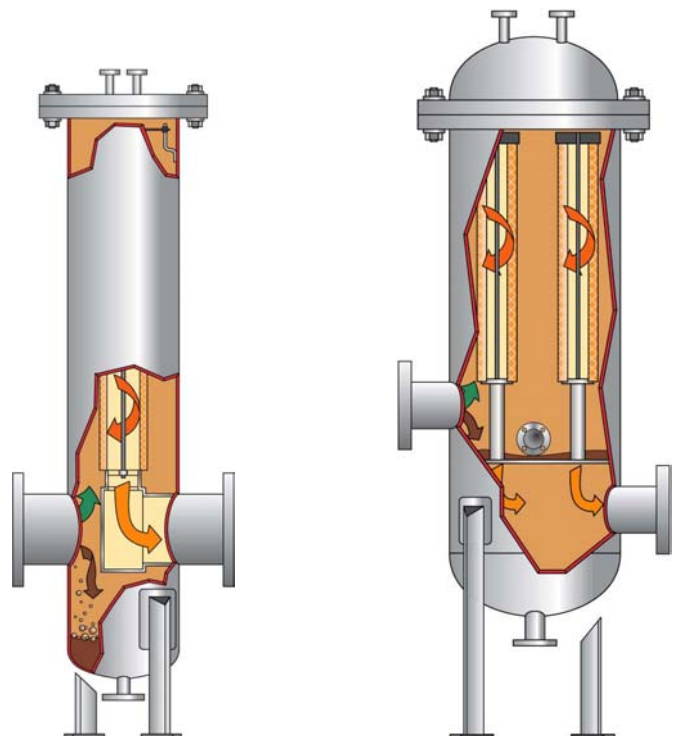
- Body: Welded carbon steel construction.
- ASME Code, Section VIII, Div. 1, U stamp and CE marking as option.
- Design pressures up to 100 kg/cm² — higher pressures available on request.
- Exterior: Prime coated.
- ANSI flanged closure.
- Spirometallic + graphite head gasket — other materials available on request.
- Headlift furnished on 20" (508 mm) OD and larger.

STANDARD CONNECTIONS

- Inlet and outlet: 150#, 300#, 600#RF (ANSI) flanges.
- All other connections are ANSI flanges.

OPTIONS

- Differential pressure gauge.
- Automatic drain valves.
- Liquid level gauge.
- Pressure relief valve.
- Quick opening closure.



2AGB



The Facet 2AGB Series vertical housing permits easy access for inspection or change out of media. The baffle plates at the inlet remove a large amount of solid particulate matter and entrained liquids which are collected in the quiescent sump. The large sump area also provides for slug control. Use of the impingement baffle permits coalescer cartridges to function more efficiently in the removal of microscopic solids and the fine liquid entrainment.

OPERATION

The gas stream enters the filter and through the use of baffling at point, impingement of solid particulate matter occurs. A certain amount of liquid entrainment will drop out with solids and collect in quiescent sump.

Mist and minute solids will flow upwards and enter coalescer cartridges. Liquid mist particles will be coalesced and solid particulate matter will be removed. Gas stream will flow from inside-out.

Coalesced droplets will fall to bottom. An upper drain connection is available for this liquid to be removed. Gas stream will flow through to outlet connection.

STANDARD HOUSING DESIGN

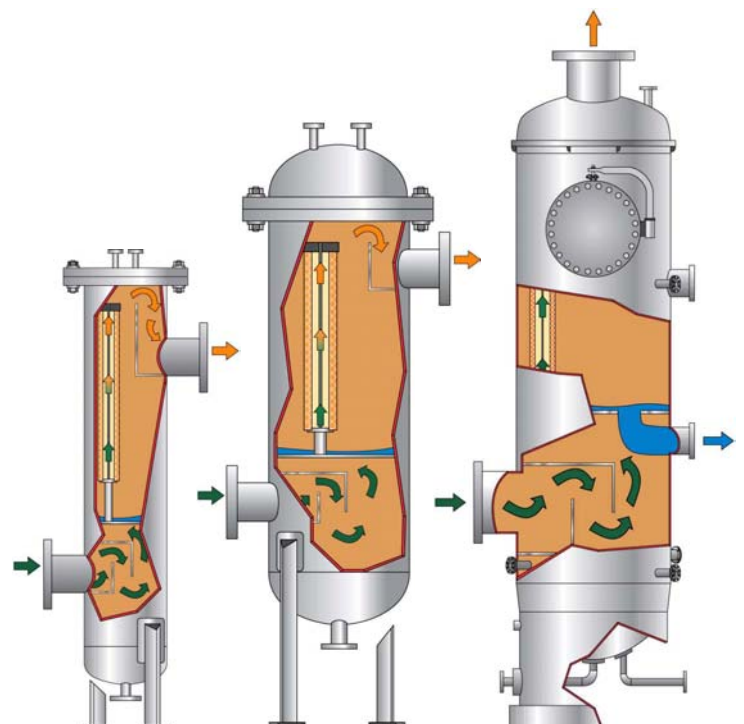
- Body: Welded carbon steel construction.
- ASME Code, Section VIII, Div. 1, U stamp and CE marking as option.
- Design pressures up to 100 kg/cm² — higher pressures available on request.
- Exterior: Prime coated.
- ANSI flanged closure.
- Spirometallic + graphite head gasket — other materials available on request.
- Headlift furnished on 20" (508 mm) OD and larger.

STANDARD CONNECTIONS

- Inlet and outlet: 150#, 300#, 600#RF (ANSI) flanges.
- All other connections are ANSI flanges.

OPTIONS

- Differential pressure gauge.
- Automatic drain valves.
- Liquid level gauge.
- Pressure relief valve.
- Quick opening closure.





3AGBH

The Facet 3AGBH Series horizontal housing permits easy access for inspection or change out of media. The support pipes at the inlet remove a large amount of solid particulate matter and entrained liquids which are collected in the inlet chamber quiescent sump. The large sump area also provides for slug control. This first stage of gas purification permits coalescer cartridges to function more efficiently in the removal of microscopic solids and the fine liquid entrainment.

OPERATION

The gas stream enters the filter and passing through the cartridges support pipes, impingement of solid particulate and liquid occurs. A certain amount of liquid entrainment will drop out with solids and collect in inlet chamber quiescent sump. Mist and minute solids will flow downstream and enter coalescer cartridges. Liquid mist particles will be coalesced and solid particulate matter will be removed. Gas stream will flow from outside-inside. Coalesced liquid droplets will be then collected on liquid sump by gravity. Gas stream will flow through stainless steel mist eliminator where smaller liquid droplets will be driven to the sump. Finally the gas stream will flow outside the vessel through outlet connection.

STANDARD HOUSING DESIGN

- Body: Welded carbon steel construction.
- ASME Code, Section VIII, Div. 1, U stamp and CE marking as option.
- Design pressures up to 100 kg/cm² — higher pressures available on request.
- Exterior: Prime coated.
- ANSI flanged closure.
- Spirometallic + graphite head gasket — other materials available on request.
- Headlift furnished on 20" (508 mm) OD and larger.

STANDARD CONNECTIONS

- Inlet and outlet: 150#, 300#, 600#RF (ANSI) flanges.
- All other connections are ANSI flanges.

OPTIONS

- Differential pressure gauge.
- Automatic drain valves.
- Liquid level gauge.
- Pressure relief valve.
- Quick opening closure.

