



FLUID HANDLING SOLUTIONS TO IMPROVE PROCESS RELIABILITY

- Strainers
- Filters
- Pipeline Products
- Support Services



ENGINEERED TO PROTECT CRITICAL EQUIPMENT

QUALITY

Design, fabrication, testing and assembly is carried out in our ASME fabrication facility in Houston, Texas. The highest standard of quality control is constantly maintained.

PRODUCTS

- **Basket Strainers:** Pipeline and process strainers designed to ASME B31.3/B31.4/B31.8 and VIII Div.1 with 'U' Stamp.
- **Y Type and Tee Type Strainers:** Liquid, steam and gas. Used for light dirt applications.
- **Temporary Strainers:** Also known as commissioning/start-up strainers for protection of pumps, compressors, etc.
- **Pressure Vessels:** Built to customer requirements and designed to ASME/PED specifications.
- **Bag & Cartridge Filters:** Process filters for all liquid and gas applications. Designed to ASME/PED specifications.
- **Scrubbers/Separators Coalescers:** Scrubbers also known as slug catchers and knockout pots. Filter separators and coalescers. Vertical and horizontal configurations.
- **Pig Launchers & Receivers:** Custom built to meet pipeline specifications in all industries.
- **Line Blinds and Bleed Rings:** Line blinds/spectacle blinds or figure eights for positive isolation. Bleed rings for draining/sampling a pipeline or piping system.
- **Metering Equipment:** Flow conditioners and straightening vanes for more accurate meter readings.

SERVICE

Correct sizing of strainers and filters is important when designing fluid systems. Efficient sizing will offer an acceptable pressure drop at the design flow conditions for the most economical capital outlay. If requested, fabrication drawings are submitted for review in a timely manner.



PRODUCTS



Fabricated Basket & Tee Strainers

1" - 48" ANSI 150# to 2500# RF, RTJ flanges, BW. Designed to ASME VIII Div 1 with U-stamp, ANSI B31.3, B31.4, B31.8 Carbon steel, stainless steel, special alloys. Bolted blind flange or quick opening covers. 50 micron through 1" filtration.



Cast Simplex & Duplex Basket Strainers

All the sizes, pressure ratings, materials, design codes and levels of filtration as the Fabricated Basket & Tee Strainer but with isolation valves to suit the application and to provide continual service.



Y-Type Strainers

1/2" - 24" ANSI 150# - 2500# flanges, NPT, SW, BW. Cast iron, carbon steel, bronze, stainless steel, alloy 20. 50 micron through 1" filtration.



Duplex Strainers

1" - 36" ANSI 150# and 600# RF flanges, BW. Designed to ASME VIII Div 1 with U-stamp, ANSI B31.3, B31.4, B31.8 carbon steel, stainless steel, special alloys. Bolted blind flange or quick opening covers. 50 micron through 1" filtration.



Temporary Strainers, Custom Baskets & Screens

1" - 48" to suit ANSI 150# to 2500# FF, RF RTJ flanges. Carbon steel, stainless steel, special alloys, special baskets built on request, 24-hour delivery.



Bag & Cartridge Filters

1" to 24" 150# - 2500# flanges. Designed to ASME VIII Div 1 with U-stamp. Carbon steel, stainless steel, special alloys. 1 - 100 Micron filtration.



Pig Launchers & Receivers

4" - 36" ANSI 150# - 2500# RF or RTJ flanges. Designed to ASME VIII Div.1 and AWWA, ANSI B31.3, B31.4, B31.8. Supplied individually or skid mounted.



Gas/Liquid Scrubbers/ Separators

Single-phase, 2-phase or 3-phase separation for liquid/gas and solid removal.



Orifice Plates

1" - 24" ANSI 150# through 2500#. Carbon steel/ stainless steel/high alloys for gas applications.



Line Blinds/Spectacle Blinds/ Figure Eights

1" - 48" ANSI 150# through 2500#. Carbon steel/stainless steel/high alloys for positive pipeline/pipe system shut-off.



Bleed Rings

1" - 48" ANSI 150# through 2500#. Carbon steel/stainless steel/high alloys to avoid hot work on the pipeline/ pipe system shut-off. Offers a connection port for draining, venting or sampling.



Flow Conditioners

Inline product that is critical to flow meter accuracy for custody transfer. Also improves pump efficiency, offering a laminar, reduced-turbulence flow pattern.



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For over 25 years Allied Reliability has helped clients transform asset management data into decisions to increase availability, to decrease risk, and to decrease overall maintenance program costs. We have worked with over 400 corporate clients, benchmarked 1,400 sites, and cataloged 3,000,000+ assets.

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