Introducing the All-New **Typhoon**

Filtration System from Wessels

The Typhoon filtration system is engineered to remove solids from liquids. It offers revolutionary filter performance due to an innovative design that utilizes flow-diverging technology to separate dense solids before filter contact. These solids accumulate outside of the filters within the unit where they can be easily blown down and removed. System water then passes through the patented, multi-path, Typhoon filter where specially designed, ultra-efficient pleat cartridges filter the water even further. These two technologies combine to create a system that provides increased dirt holding capacity, longer filter life, and decreased maintenance expenses.

**FEATURES & BENEFITS**

- **Top Lid** includes plated nuts and studs for easy, secure closing, NOT a band-clamp design!

- **304 Stainless Steel bead blast-polished for increased resistance to corrosion.** (316L available)

- **Filter Cartridges** come in various micron ratings and media. Choose Platinum for optimum performance!

- **Flange Connections** strategically placed to optimize flow patterns for maximum solid removal.

- **Blow-Down Valve Connection** for purging heavy solids manually or automatically to extend filter life.

- **Drain Valve** allows for total drain of filtration system fluids.

- **304 Stainless Steel Filter Housings** (316L available)

  - Blast-polished for superior finish
  - Resistant coatings available
  - Lids with individual bolts for fail-safe security

  - Pressure gauge ports for continuous differential monitoring

  - Flanged system connections for easy installation

  - Standard Platinum filter for maximum filtration with minimized changeouts

**Filter Cartridge(s) included!**

Typhoon Filters are easy to install and come in a wide variety.

The Wessels Typhoon Filtration system features innovative cartridge filter technology that maximizes filter surface area while minimizing the overall cartridge size.

By combining segregated flow channels and various filter media into a single pleat pack, the Typhoon Filtration system provides increased dirt holding capacity.

**wessels company**

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The Complete Package

The Typhoon Filtration System is available in ASME (TFA) and NON-ASME (TFS) models and comes complete with either Standard pleated (S) or Platinum (P) filter cartridges.

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Height</th>
<th>Width</th>
<th>Line Size</th>
<th>No. of Filters</th>
<th>Max GPM</th>
<th>Ship Wt.</th>
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Carbon and 316L Stainless Available; Customer specified filter included; Maximum Pressure=125 PSIG

Filter Types:
- Standard Pleated: $S_1=2$ 1/2” dia.; $S_2=6$ 1/4” dia.
- Platinum: $P_1=6$ 1/4” dia.; $P_2=12$ 3/4” dia.; $P_3=20$” dia.

Various material and micron sizes available.

THE PLATINUM ADVANTAGE

The patented Platinum Filter design uses segregated flow channels and flow chambers to maximize the effective surface area of the pleated filter media cartridge. Combining this design with the technique of pleating several different filter media together in a single pleat pack maximizes dirt holding capacity.

With a recommended flow rate up to 800 GPM, the Wessels PLATINUM filtration series is the solution to achieving optimum performance with minimum filtration costs.

ASME SETTING THE STANDARD

Model TFA comes ASME certified, meeting rigorous standards of construction and insurance compliance. Non-ASME also available (Model TFS).

Graph depicts flow characteristics for a newly installed Typhoon Series system using a clean, 20 micron Platinum filter.

Disclaimer: Portions of the information in this brochure have been obtained from external sources and are considered factual. Flow rates, temperature ratings, chemical resistance, and system pressures can be influenced by several variables. Wessels Company is not liable for the accuracy or completeness of the information published in this brochure. Prospective customers should perform their own evaluations to verify whether or not the system is appropriate for intended use.