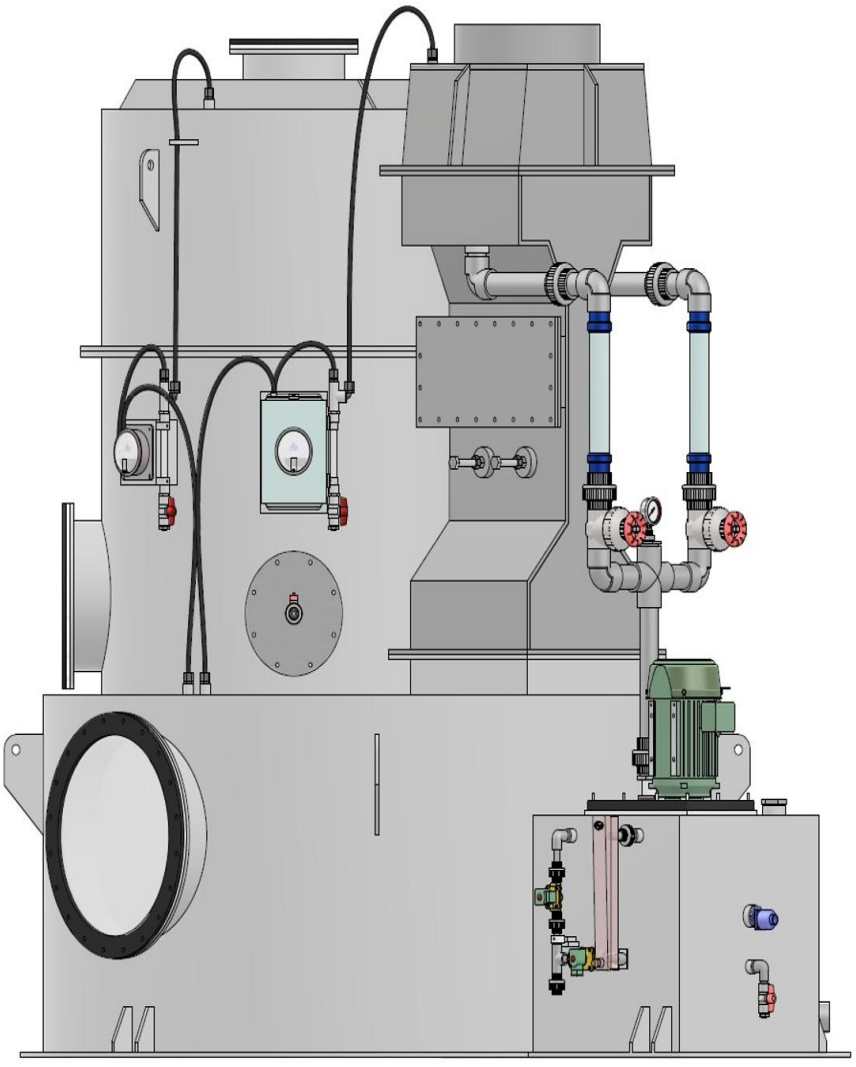
Nova Series Scrubber

The Nova Series high energy venturi is a system specially designed to capture and remove fine particulates while removing soluble contaminates in a gas stream. The Nova high energy venturi scrubber is designed for optimal removal efficiency, while maintaining the lowest possible operating cost. The adjustable throat allows for adjustments in pressure drop and removal efficiency. Making it versatile technology in the world of "air pollution control".



The Nova high energy venturi scrubber uses high pressure drop and equal distribution of liquid into a gas stream, accelerating it through the throat of the venturi. As the gas stream accelerates, it makes the liquid decrease in size, then allowing the liquid to capture or entrain the particulate. The particulate is then discharged from the separation tank (sump).

The packed bed scrubber system that follows the Nova high energy venturi, provides the final scrubbing contaminated gas stream.

Materials of Construction

Polypropylene
PVC/CPVC
FRP
304/316 Stainless Steel
Hastelloy

Custom Designed

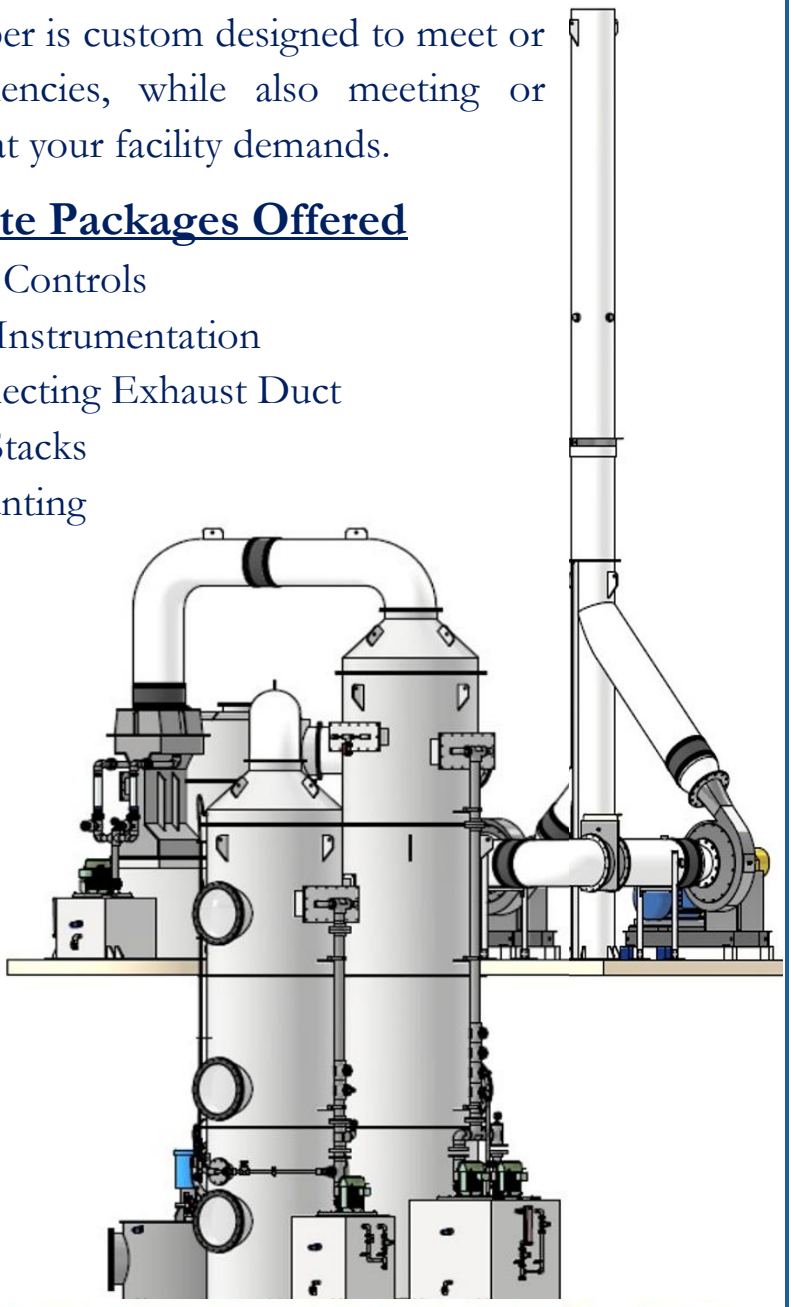
Every Nova high energy venturi scrubber is custom designed to meet or exceed your required removal efficiencies, while also meeting or exceeding the footprint requirement that your facility demands.

Efficiency

The Nova series high energy venturi scrubber can achieve removal efficiencies in excess of 99.0% on particulate as low as 0.3 µm, and up to 99.9% on gaseous contaminates

Complete Packages Offered

Electrical Controls
Specialty Instrumentation
Interconnecting Exhaust Duct
Exhaust Stacks
Skid Mounting



Industries and Processes

Incineration Equipment
Smoke Processes
Crushing and/or Grinding
Carbon Facilities
Food and Spice Processing

Contact For Assistance

Office Phone: 989-720-5368
Email: sales@advairtech.com
Website: www.advairtech.com

www.advairtech.com

ADVANCED AIR TECHNOLOGIES, INC.

300 Earl Sleeseman Drive
Corunna, MI 48817
(Michigan - USA)

Phone: 989-743-5544
Fax: 989-743-5624
Toll Free: 800-295-6583