

High Temperature Ceramic Filter



Griffin is a leader in the technology of high-temperature ceramic filters. Easy to install, operate and maintain, these units are an economical solution to dust and product recovery when operating at temperatures up to 1650°F. The ceramic filter elements have the advantage of high efficiency and are resistant to sparks, thermal shock, fire, acids and alkalis. These pulse jet collectors provide continuous filtration for extended periods and without internal moving parts, maintenance is kept to a minimum.

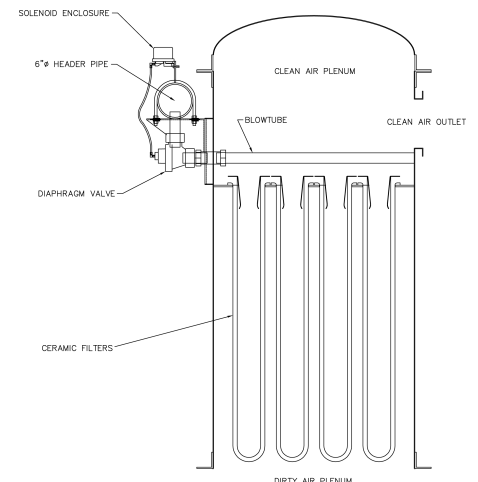
Like all of our dust collection systems, these units are built to be exceptionally rugged and ready to stand up to heavy-duty use. If one of our many standard models isn't right for your needs, we'll custom design one that is.

Design Features

- ceramic filter elements are 6" in diameter
- standard units designed for -20" W.G.
- walls are stainless steel
- tubesheets are bolt-in design
- support legs designed to allow for heat expansion
- control panel in NEMA 4 enclosure shipped loose for field mounting
- standard filter removal from above tube sheet

Versatile and Efficient Operation

1. Dust laden air enters the collector through the hopper or through a high-entry-inlet housing section.
2. An internal baffle distributes the dirty air within the housing reducing air velocity.
3. Heavier particles drop into the hopper, while lighter particles collect on the outside surface of the ceramic filters.
4. Filtered clean air flows to the clean-air chamber and exhausts through the outlet.
5. Periodic compressed-air pulsing removes accumulated dust from the filters with cleaning frequency and duration adjusted by solid-state timers.
6. Dust falls into the hopper for removal by double dump valve or slide gate.



GRIFFIN FILTERS

106 METROPOLITAN PARK DRIVE ♦ LIVERPOOL, NY 13088, USA
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Model	Diameter	2M Filter Area	2M Weight	3M Filter Area	3M Weight	Solenoid Qty	Height
NA-44-2/3	6'-0	396 SF	14,600 LBS	660 SF	15,000 SF	8	11.8'
NA-60-2/3	7'-0	540 SF	15,500 LBS	900 SF	16,000 SF	8	12.7'
NA-82-2/3	8'-0	738 SF	17,400 LBS	1230 SF	18,000 SF	10	13.5'
NA-98-2/3	9'-0	882 SF	19,600 LBS	1470 SF	20,250 SF	12	14.4'
NA-136-2/3	10'-0	1224 SF	21,800 LBS	2040 SF	22,500 SF	14	15.3'
NA-154-2/3	11'-0	1386 SF	24,200 LBS	2310 SF	25,000 SF	14	16.1'

Accessories

- fans-available as required, suitable for grade level or side mounting on collector
- on-line demand cleaning
- other accessories-damper, elevated walkway, railing, ladder, insulation

Options

- explosive conditions- NEMA 7 or 9 control panels, NEMA 7 or 9 solenoid enclosures, pressure relief devices, electrical grounding
- special discharge clearance
- pressure gauges and switches- combination differential pressure switches/gauges, differential pressure switches
- seismic and wind load considerations
- other than Goyen solenoids and diaphragm valves

Hot Gas Clean UP (HGCU) Applications

- chemical manufacturing
- minerals processing
- glass manufacturing
- secondary metal smelting
- cement manufacturing
- fluidized beds
- foundry processes
- boiler plants
- waste incineration



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