

*Innovative
Environmental Solutions
for Reverse Jet Pulse Dust Collectors*

Innovative Environmental Solutions

tyco | Flow Control | **Environmental Systems**

Diaphragm Valves

Goyen manufactures diaphragm valves in a range of configurations to suit a variety of reverse pulse filter designs. These sophisticated valves precisely control airflow through the filters for optimal cleaning.

The range now includes the exciting 'next generation' Millennium series which sets a new standard in performance, design, ease of installation and maintenance economy.



Pilot Solenoid Valves and Enclosures

Pilot solenoid valves are used in a reverse pulse filter cleaning system to operate the diaphragm valves from a remote location. Pilot valves can be mounted separately or in multi valve enclosures.

Multi valve enclosures provided a cost effective and organised method of housing banks of remote control pilot valves. Goyen offers a range accommodating up to 12 pilots in dust/rain proof and explosion proof configurations.



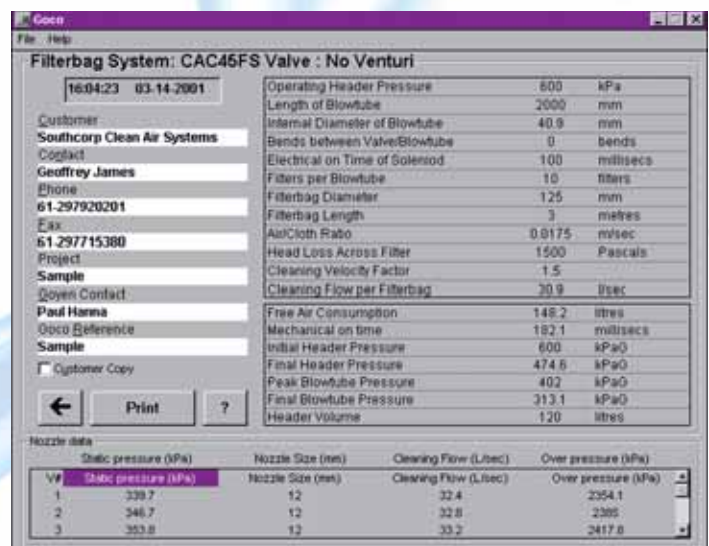
GOCO Software Program

Goyen's GOCO program is a sophisticated computer model specifically developed to assist in the design of effective cleaning systems for reverse pulse filters. Utilising Computational Fluid Dynamics (CFD) technology combined with years of laboratory testing, Goyen has proven the value of this software through many successful field installations.

Combining the GOCO computer results with Goyen's in depth knowledge of cleaning systems, Goyen is able to recommend the correct valves, nozzles, venturi and cleaning system controller for all reverse pulse filter designs.

Overall benefits to the customer include:

- Reduction in operating costs
- Significantly better cleaning
- Reduced compressed air consumption
- Increased filter life
- Minimised maintenance



Cleaning System Solution

As a total system solution provider, Goyen manufactures a range of components to ensure cost effective and reliable cleaning system design, installation and operation within a reverse pulse filter.

Within a reverse pulse filter the overall cleaning efficiency and long term performance of the bags or cartridges are critically dependent upon the control of the cleaning air into the individual filter bag or cartridge. Goyen products are produced to exacting tolerances and quality standards to ensure their effectiveness within any reverse pulse filter.





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