

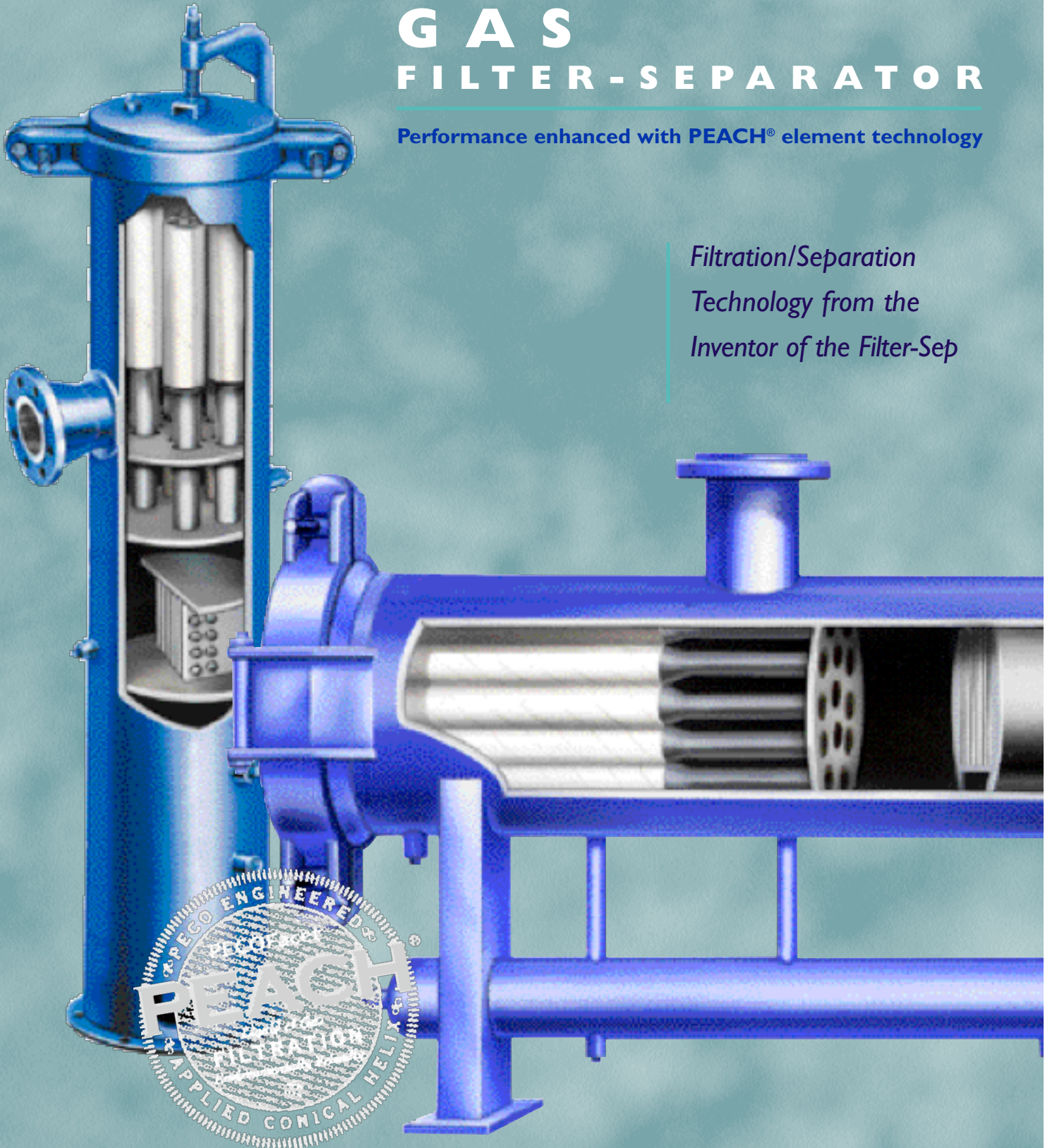


Gas Filtration/Separation Products

G A S F I L T E R - S E P A R A T O R

Performance enhanced with PEACH® element technology

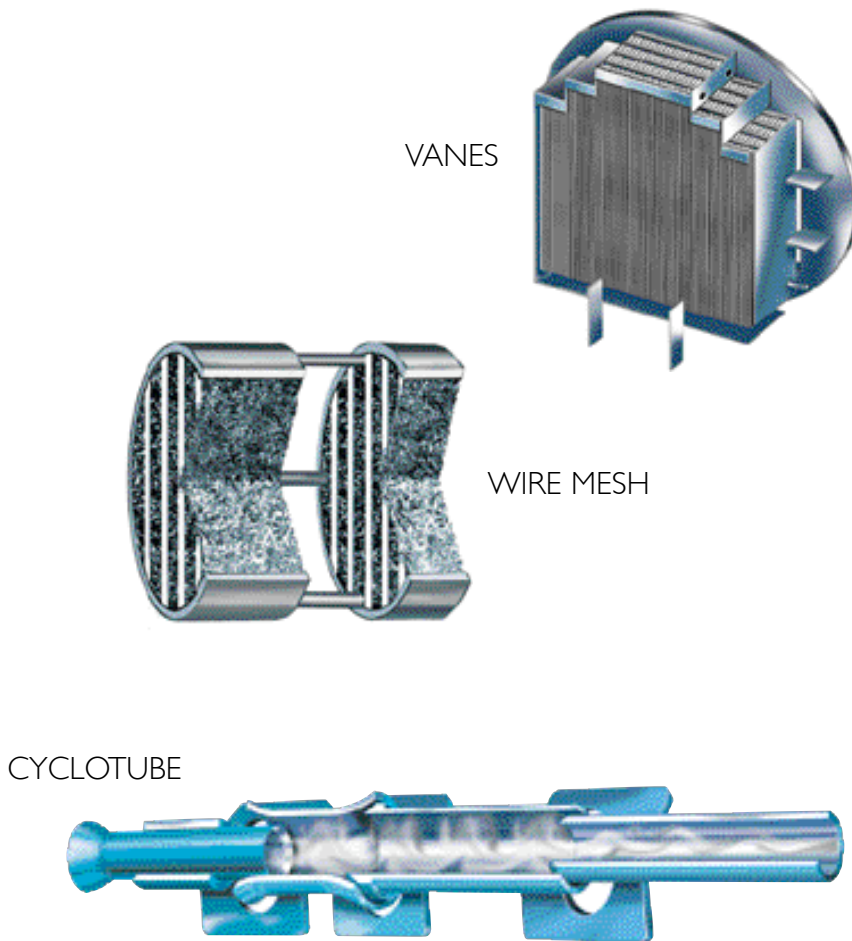
*Filtration/Separation
Technology from the
Inventor of the Filter-Sep*



ENGINEERED FILTRATION SOLUTIONS

USA Patent No. 5827430 and 5893856 (International Patent Pending)

Since the PECOFacet filter-sep was first developed in the 1950s, PECOFacet has been an innovative leader in the advancement of filtration/separation technology. Today, PECOFacet offers many more solutions for a multitude of rigorous process applications.



Compressor Suction

Compressor Discharge

Turbine Suction

Fuel Gas

Gas Storage Facility

Plant Entrance

Desiccant Bed Inlets

Contact Towers
(Inlet and Overhead)

Landfill Gas

AVAILABLE ELEMENTS

▼
Polypropylene PEACH®

▼
Polyester PEACH®

AVAILABLE SECOND STAGES

▼
Wire Mesh

▼
Vanes

▼
Cyclotube

AVAILABLE CONFIGURATIONS

▼
Horizontal

▼
Vertical

▼
Custom

SPECIFICATIONS

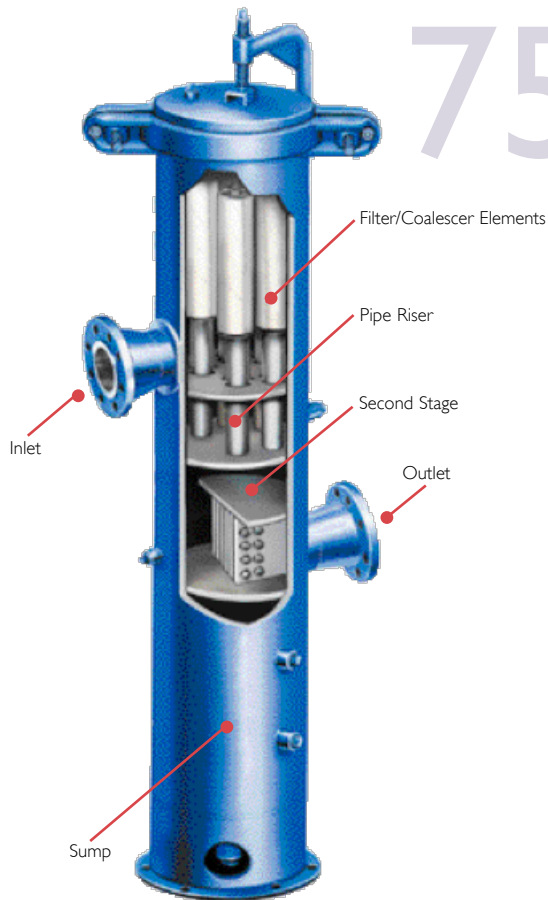
Standard Vessel

- Standard Models:
 - Horizontal
 - 1 through 240 element units
 - from 10" to 108" vessel diameter
 - Vertical
 - 1 through 151 element units
 - from 10" to 72" vessel diameter
- Standard Design Pressures:
 - 285, 740, 1000 & 1480 psig
 - ASME B&PV Code Section VIII
- Maximum Operating Temperature:
 - 250° F
- Standard Materials of Construction:
 - Pressure Parts: *Carbon Steel*
 - External Attachments: *Carbon Steel*
- Coalescing Elements:
 - PCHG PEACH®**
- Testing:
 - Hydrostatic testing at 1.3 x Design Pressure for fifteen minutes

Options

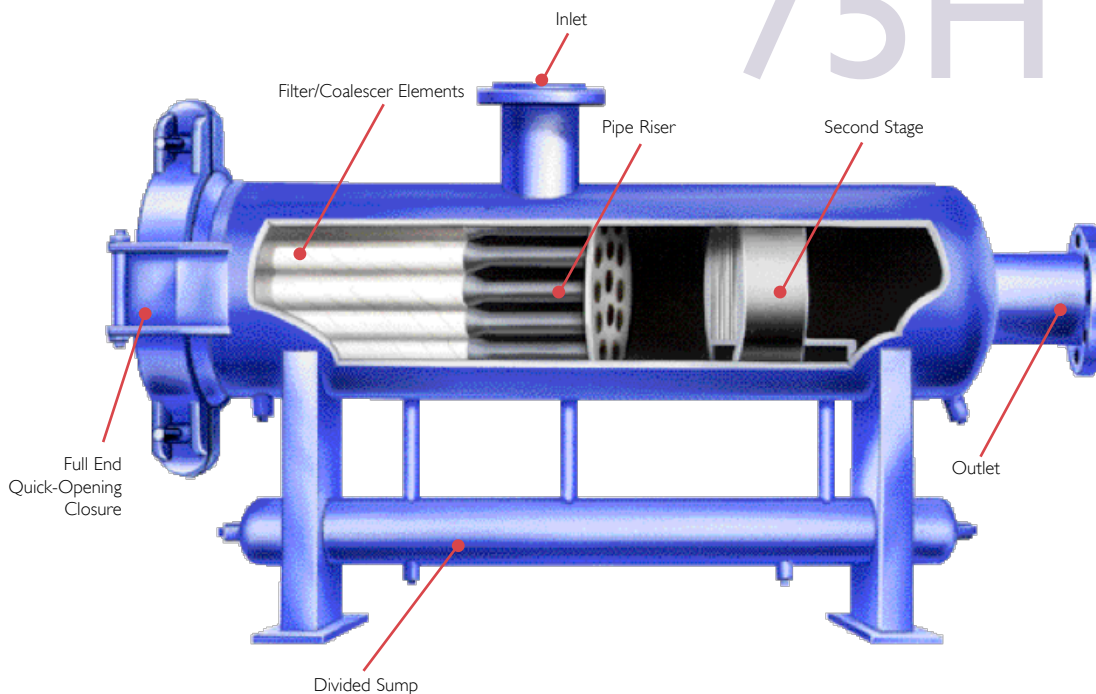
- Design Codes:
 - PD5500, Stoomwezen, CODAP, other European codes, via PECOFacet's United Kingdom offices
- Design Pressure:
 - Up to 5,000 psig
- Materials of Construction:
 - 304, 304L, 316, 316L Stainless Steel, Low Temperature Materials
- Non-destructive Test (NDT):
 - Radiography
 - Magnetic Particle Examination
 - Liquid Penetration Examination
 - Ultrasonic Examination
 - Brinell Hardness
 - Charpy Impact
- Coating Options:
 - Sandblast: commercial, near white and white metal
 - Paint: 2 & 3 coat corrosion resistant
- Elements:
 - SCW Element - iron sulfide removal

75V



Contaminated gas enters and impinges on the pipe risers where large bulk contaminants drop out of the gas stream. The risers also serve to distribute the gas evenly through the first stage filter/coalescer elements. The gas flows through the elements from the outside to the inside. It is here where fine particulate contaminants are trapped and removed from the gas stream. The elements also serve to coalesce the fine liquid contaminant in the gas stream prior to entering the second stage where the coalesced droplets are removed. The clean dry gas then exits the Series 75.

75H



Removal of solids and liquids 1 micron and larger.

PERFORMANCE VALIDATED WITH PECOFacet DIRECT CONTAMINANT MEASUREMENT (DCM) SYSTEM.

ORDERING

The following information is required when requesting sizing and pricing on the GAS FILTER-SEPARATOR.

- *Process Application*
- *Operating pressure range*
- *Operating temperature range*
- *Gas molecule weight or specific gravity*
- *Type of liquid contaminant*
- *Amount of liquid load*
- *Design pressure*
- *Design temperature*
- *Corrosion allowance requirements*
- *Special design requirements*

PECOFacet is a world leader in the design and manufacture of quality Filtration Equipment, specializing in the Oil and Gas Industry. Founded in 1936, many of the technologies used in the Industry today were originally developed by PECOFacet. Our continued dedication to research and development of new leading edge technologies has kept PECOFacet at the forefront of Engineered Filtration Solutions for use by our clients worldwide. Our vast experience and knowledge of Oil & Gas related applications allow us to offer not only Filtration Solutions, but also Process Solutions.

Your local distributor:



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Please refer to www.pecofacet.com for most current literature edition.