



PERRY EQUIPMENT CORPORATION

ISO 9001

GAS FILTER-SEPARATOR

Performance enhanced with PEACH® technology

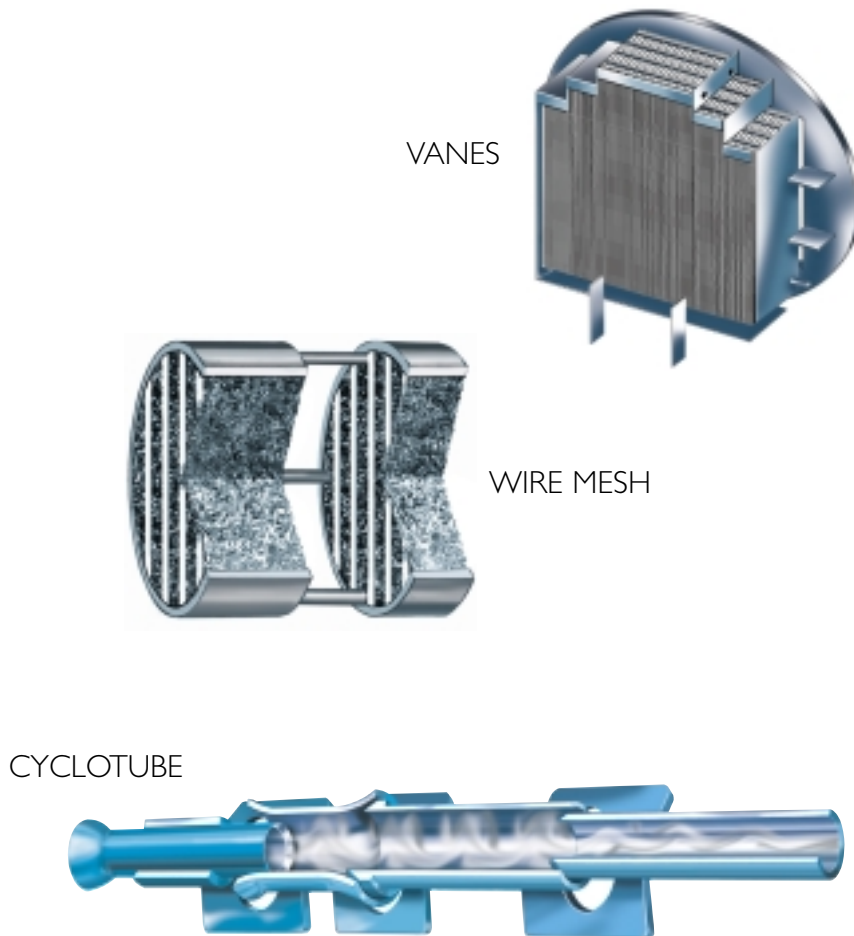
*Filtration/Separation
Technology from the
Originator of the Filter-Sep*



ENGINEERED FILTRATION TECHNOLOGIES

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

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



Compressor Suction

Compressor Discharge

Turbine Suction

Fuel Gas

Gas Storage Facility

Plant Entrance

Dessicant Bed Inlets

Contact Towers
(Inlet and Overhead)

Landfill Gas

AVAILABLE ELEMENTS

▼
Polypropylene PEACH®

▼
Polyester PEACH®

▼
Fiberglass

AVAILABLE SECOND STAGES

▼
Wire Mesh

▼
Vaness

▼
Cyclotube

AVAILABLE CONFIGURATIONS

▼
Horizontal

▼
Vertical

▼
Custom

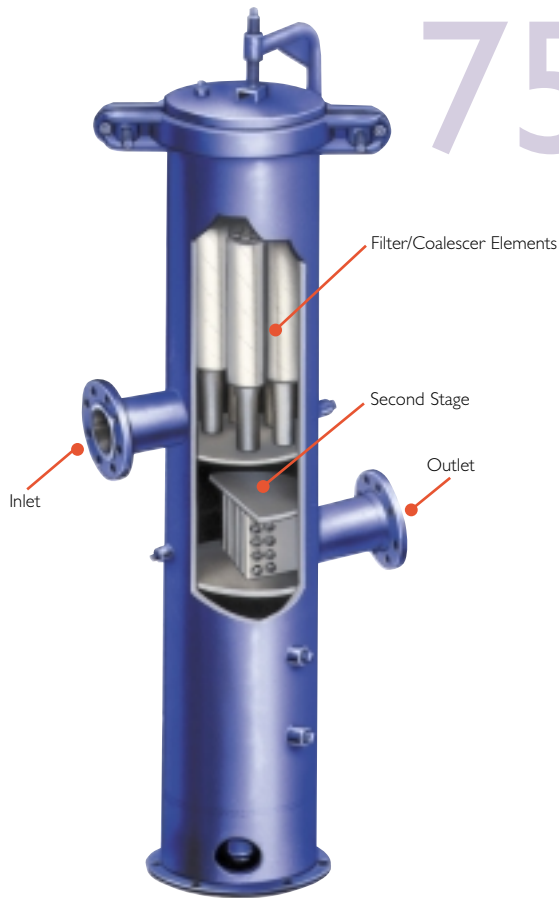
SPECIFICATIONS

Standard Vessel

- Standard Models:
 - Horizontal
1 through 108 element units
from 10" to 60" vessel diameter
 - Vertical
1 through 151 element units
from 10" to 72" vessel diameter
- Standard Design Pressures:
285, 740, 1000 & 1480 psig
- Maximum Operating Temperature:
250° F
- Standard Materials of Construction:
 - Pressure Parts: *Carbon Steel*
 - External Attachments:
Carbon Steel
- Coalescing Elements:
PCHG PEACH®, 4.5" dia. x
36" length, depending on
vessel model
- Testing:
Hydrostatic testing at 1.5 x Design
Pressure for fifteen minutes

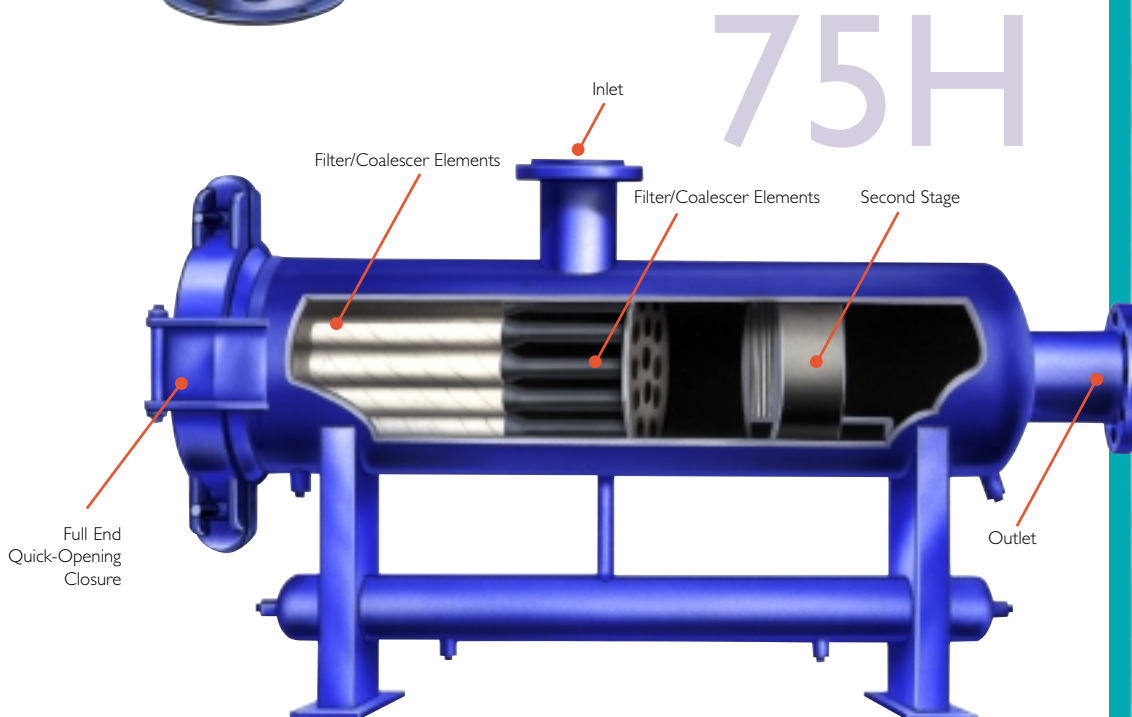
Options

- Design Codes:
BS5500, Stoomwezen, CODAP,
other European codes, via PECO'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:
 - Fiberglass
 - Length: 12", 24", 72"
 - SCW element
 - 5" OD x 36" length element



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 contaminant is 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.**

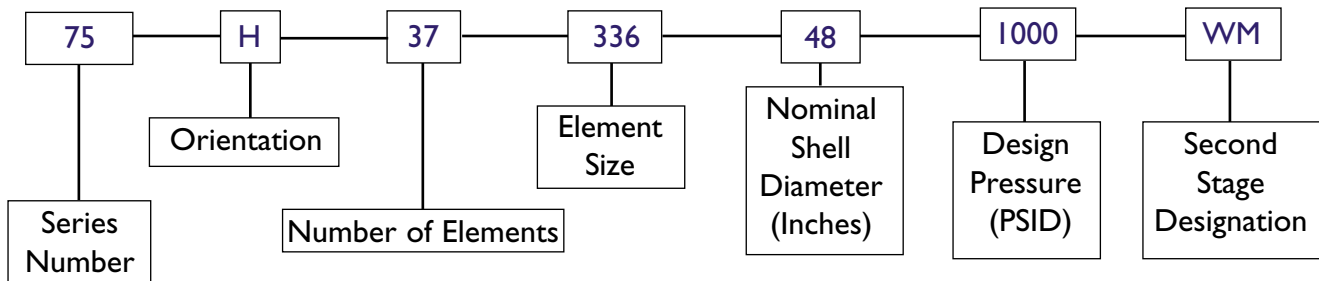
**PERFORMANCE VALIDATED WITH
PECO DIRECT CONTAMINANT
MEASUREMENT (DCM) SYSTEM.**

ORDERING

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

- 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

MODEL DESIGNATION



Your local distributor:



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web site:
www.perryequipment.com

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literature edition.