



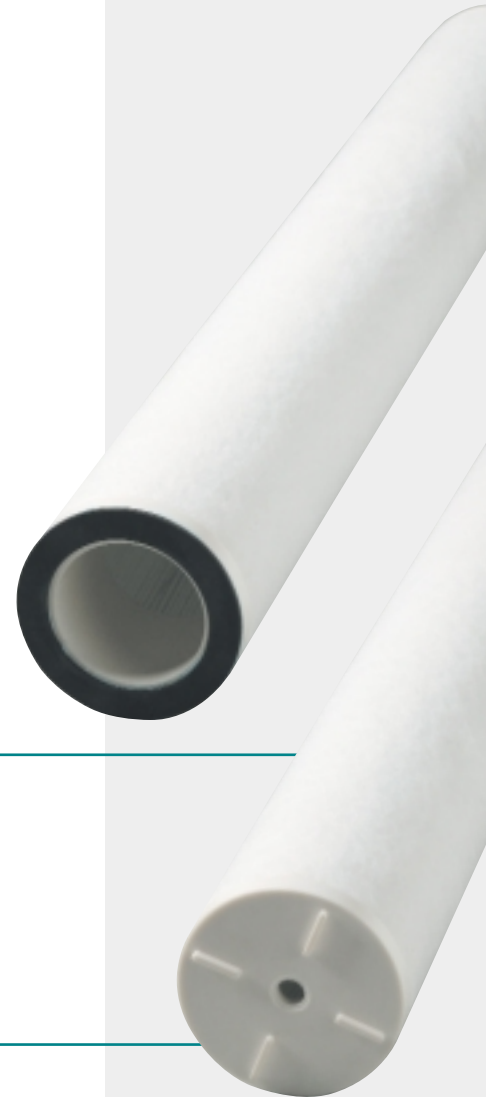
# PERRY EQUIPMENT CORPORATION

**ISO 9001**

Series NGGC

## Liquid Aerosol Coalescing Elements

The next evolution of the **NGGC Gas Coalescer** is a result of Research and Development by Perry Equipment to address the myriad types of process conditions and contaminants found in actual field use. By incorporating advances in PEACH® technology into the new NGGC, PECO® is able to enhance the ability of the coalescer to address varying process challenges.



### Construction

- Media: Polyester or Polypropylene
- End Caps: Polyester or Polypropylene
- Core: Carbon Steel
- Outer Wrap: Polyester or Polypropylene PEM

### Operational Data

- Standard Flow Direction: Inside-to-outside of element
- Maximum Operating Temperature: 180° F / 82° C Polypropylene  
200° F / 93° C Polyester
- Recommended Element Change Out Differential Pressure: 10 - 15 psid

## PRODUCT ADVANTAGES

- Proprietary media blends individually designed for specific applications.
- Top seal unit simplifies installation and removal.
- Proprietary bottom end cap distributes gas flow throughout the element to better utilize the entire element matrix.
- Proprietary bottom end cap provides an area of low velocity to facilitate liquid drainage.

## Saturated Depth Coalescing

The proprietary PEACH® depth matrix captures and utilizes trapped liquids to enhance coalescing efficiency while the depth design matrix provides a very high solids loading capacity. This Saturated Depth Technology allows the PEACH® NGGC to achieve liquid removal ratings of down to less than 1 part per billion while reducing solids loading by a log factor of up to 10<sup>5</sup>.\*

## Performance Levels

- PL01 Standard natural gas processing applications.
- PL10 Iron sulfides and particulate loading.
- PL20 Turbine inlets and relatively clean natural gas applications.
- PL25 Turbine inlets with stainless steel hardware.
- PL30 High particulate load capacity with high coalescing efficiency.
- PL50 Pleated design for standard gas processing applications.
- PL51 Pleated design for turbine inlets and relatively clean natural gas applications.
- PL55 Turbine Inlets with stainless steel hardware.

\* Results achieved in Perry Equipment Laboratory per Standard Test PSCT-1999 and Modified CAGI-400-1999.



e-mail:

elements@perryequipment.com

web site:

www.perryequipment.com

### Corporate Offices & Plant

PERRY EQUIPMENT CORPORATION

Wolters Industrial Park

P.O. Box 640

Mineral Wells, Texas 76068

Telephone: 940-325-2575

800-877-PECO

Telefax: 940-325-4622

e-mail: sales@perryequipment.com

### Houston Branch Office

1758 West Sam Houston Parkway N.

Houston, Texas 77043-3115

Telephone: 713-973-2575

Telefax: 713-467-0475

e-mail: houston@perryequipment.com

### Perry Equipment Italiana S.R.L.

Via Camozzi, 106

24121 Bergamo (BG)

Italy

Telephone: 3903-523-6340

Telefax: 3903-523-6380

e-mail: italysales@perryequipment.com

### Perry Equipment De México

Parque Industrial Querétaro

Calle Cerrada La Noria #108

Santa Rosa Jaurequi

Querétaro, Querétaro, México C.P. 76220

Telephone: 52-442-242-1234

Telefax: 52-442-242-1235

e-mail: mexicosales@perryequipment.com

### Perry Filtration Sdn. Bhd.

35-5 Jalan SP 2/1

Taman Serdang Perdana, Seksyen 2,

43300 Seri Kembangan

Selangor D.E., Malaysia

Telephone: 603-8941-2366

Telefax: 603-8941-1366

e-mail: asiasales@perryequipment.com

### Middle East Sales Office

Perry Equipment Corporation

P.O. Box 10895

Manama, Bahrain

Telephone: 973-1729-3309

Telefax: 973-1729-4728

e-mail: bahrainsales@perryequipment.com

### Peco Filters, Ltd.

1351 Hastings Crescent S.E.

Calgary, Alberta

Canada T2G-4C8

Telephone: 403-243-6700

Telefax: 403-287-9304

e-mail: canadales@perryequipment.com

### European Offices

PERRY EQUIPMENT LTD.

Brunel Business Court

Brunel Way, Thetford

Norfolk IP24 1HP

England

Telephone: 01842 821000

Telefax: 01842 821050

e-mail: uksales@perryequipment.com

www.perry-equipment.co.uk

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