



**CodeLine™**

Pentair Water

Performance Industry Trusts

# High Flow Membrane Housings

## 80H Series



**With over 400,000 vessels in service world-wide, for three decades, CodeLine™ has been setting the standards in the industry with continuous innovation and uncompromising reliability making it the most trusted name in the water treatment industry.**

### Features

- ◆ Side Entry Design
- ◆ Available in pressure ratings of 150, 300, 450, 600, 1000 & 1200 psi
- ◆ Can accommodate any standard make of 8" membrane element

### Benefits

- ◆ Mirror finish I.D for easy & quick loading & unloading of membranes.
- ◆ Multi-Porting option for connecting vessels to each other.
- ◆ High operation temperature up to 190°F comes as a standard feature.
- ◆ Quick lock head retention system for quick access to membranes.
- ◆ Exteriors coated with high gloss polyurethane paint for UV resistance.
- ◆ ASME compliant & CE marking.
- ◆ Octagonal shape provides flat surface for superior and reliable sealing of side ports.
- ◆ Threaded side ports for quick and easy onsite maintenance/serviceability.
- ◆ 80H series comes with side-port option of 3.0" for high flow rates, further cutting down investment on manifolds.

## Specifications: 80H Series

| Model  | Drawing Number | Design/Operating Pressure | Max. Operating Temperature | Qualification Pressure | Element Length |
|--------|----------------|---------------------------|----------------------------|------------------------|----------------|
| 80H15  | 99165          | 150 PSI / 10 Bar          | 190°F / 88°C               | 900 PSI / 62 Bar       | 1 - 8          |
| 80H30  | 99166          | 300 PSI / 20 Bar          | 190°F / 88°C               | 1800 PSI / 124 Bar     | 1 - 8          |
| 80H45  | 99167          | 450 PSI / 31 Bar          | 190°F / 88°C               | 2700 PSI / 186 Bar     | 1 - 8          |
| 80H60  | 99168          | 600 PSI / 41 Bar          | 190°F / 88°C               | 3600 PSI / 248 Bar     | 1 - 8          |
| 80H100 | 99169          | 1000 PSI / 68 Bar         | 150°F / 66°C               | 6000 PSI / 413 Bar     | 1 - 8          |
| 80H120 | 99170          | 1200 PSI / 82 Bar         | 150°F / 66°C               | 7200 PSI / 496 Bar     | 1 - 8          |

- Please refer to sales drawings for multi-port options.
- ASME stamped vessels available on request.
- All specifications mentioned are subject to change without prior notice.

## CodeLine™ : Setting the Standards of Quality

CodeLine™ is committed to quality. Each vessel is subject to rigorous quality inspection and hydro-testing before shipping. Pentair's quality certifications follow from independent and separate accreditations for materials, standards and practices at its manufacturing facility.



AUTHORIZED USER OF  
ASME CODE SYMBOL

CodeLine™ is a part of Pentair, a global diversified operating company serving the commercial, industrial, municipal and residential markets through innovative solutions under strong brand names. Pentair's Water Segment – including global Filtration, Flow Technologies, and Pool and Spa businesses – helps deliver safe, clean water to people who need it. Pentair's Technical Products Segment helps protect electrical and electronic equipment and the people who use it. With 13,000 employees worldwide, Pentair generated 2009 sales of \$2.7 billion.

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