



Fawcett Christie Hydraulics Ltd  
 Glendale Avenue, Sandycroft Industrial Estate,  
 Sandycroft, Deeside, Flintshire, CH5 2QP. UK  
 Tel: +44 (0) 1244 535515 Fax: +44 (0) 1244 533002  
 Email: sales@fch.co.uk www.fch.co.uk

## Specification

### Design Features include:

- Manufactured from high grade Polypropylene.
- Lightweight construction, non repairable units.
- Low cost alternative to stainless steel at low pressure.
- Nominal capacities 0.1 litre to 2 litres.
- Working pressures of up to 10 bar.
- Wide range of separator materials available.

Volume Range					
Volume (Litres)	0.1	0.25	0.5	1	2
Diameter (mm)	70	90	110	140	140
Length	190	212	242	262	397

Note: Shaded cells represent standard stock sizes



Fluid end connection threaded to suit customers requirements

### Warning:

These units are recognised by the prefix 'PPD' and have a shell and head made from polypropylene. This makes them light-weight, low cost and good chemical compatibility. The maximum working pressure of this range is 10 Bar.

The polypropylene dampers are designed for a maximum life of 10 years. The replacement of the internal bladder is not recommended for this range. It should be noted that this model of damper is Non-Repairable in design.

**WARNING – Do NOT attempt to disassemble these units.  
 Replace with new if necessary.**

The fitting of any permanent pressure gauge is strongly prohibited, however if fitted without manufacturers knowledge then the gauge should be appropriate for the maximum design pressure of 10 bar. The recommended nitrogen pressure setting for pulsation damping is 80% of the mean line pump pressure.

**WARNING – Use dry Nitrogen only  
 Do NOT fill with more than 8 Bar Nitrogen Maximum**

If in doubt please contact FCH technical department direct.