



## STUART

### ExPro Expansion Vessels

#### Application

Our complete range of expansion vessels are able to meet the requirements of almost any heating or chilled systems, with available models ranging from between 8 to 1000 litres capacity.

Models up to 25 litres are designed for wall mounting and models 35 litres and above to be floor standing.

#### Features

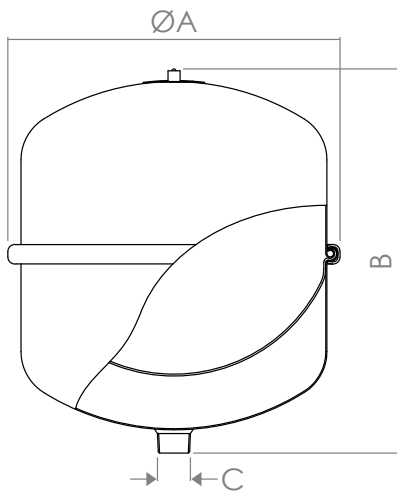
- Maximum operating temperature of 70°C
- Maximum operating pressures of 3 bar (8 to 35 litre models) or 6 bar (50 to 1000 litre models)
- Threaded connections
- Colour grey, durable powder coated finish

#### Benefits

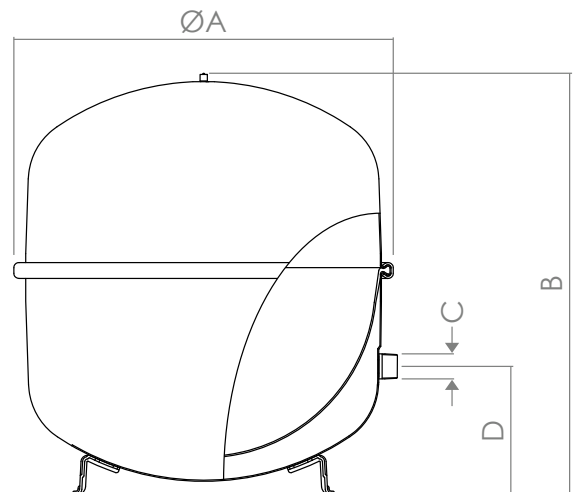
- For heating and chilled water applications
- All expansion vessels comply with the pressure equipment directive (PED) 97/23/EC
- Factory pre-set pressure



#### Dimensions (8 – 140 Litres)



Stuart ExPro 8L – 25L



Stuart ExPro 35L – 140L

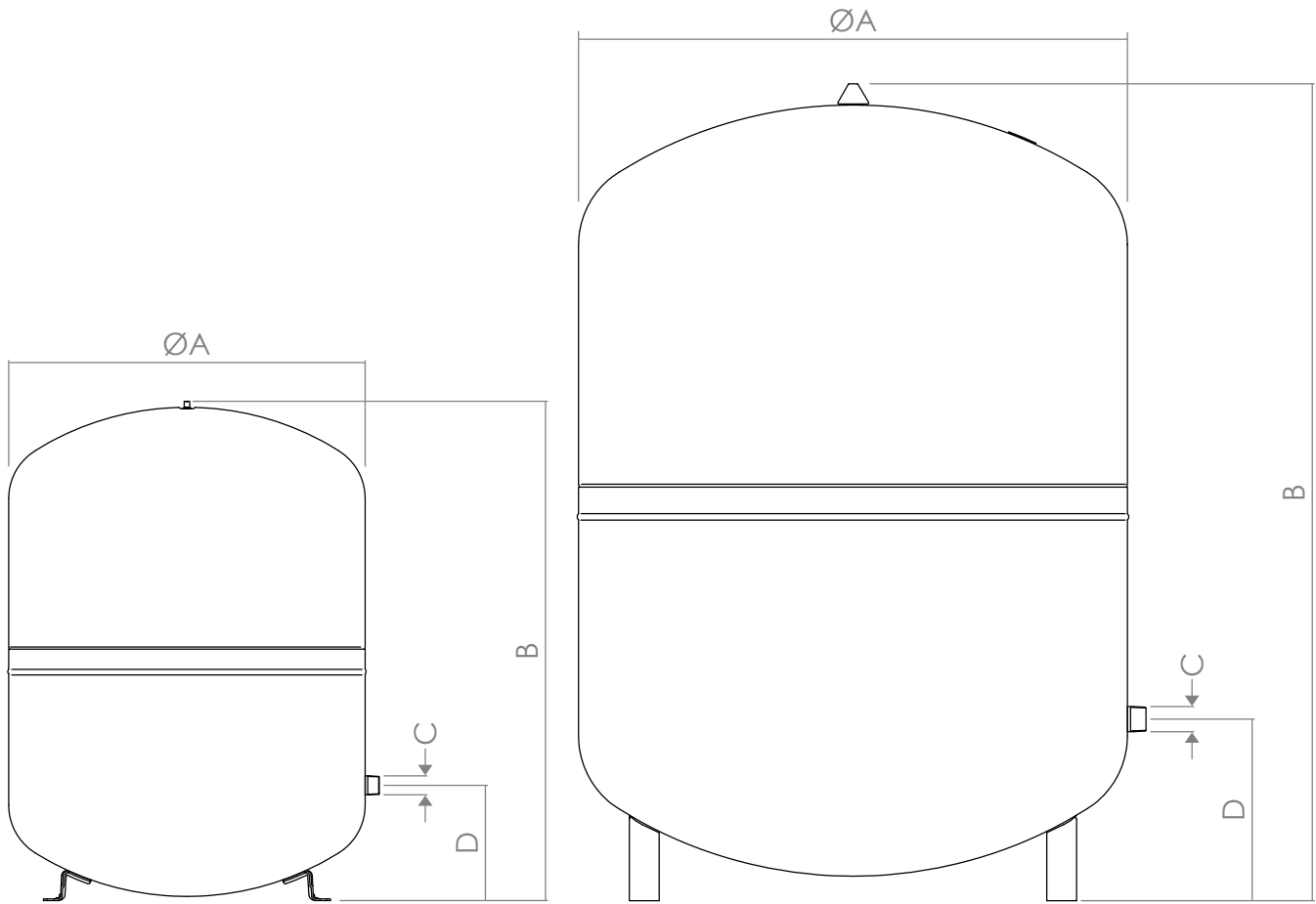
Part Code	Litre	A	B	C	Weight
47457	8	272	236	3/4"	1.7 kg
47458	12	272	313	3/4"	2.8 kg
47459	18	308	360	3/4"	3.6 kg
47460	25	308	481	3/4"	4.4 kg

Part Code	Litre	A	B	C	D	Weight
47461	35	376	466	3/4"	130	5.6 kg
47462	50	441	487	3/4"	175	9.6 kg
47463	80	512	558	1"	172	13.3 kg
47464	100	512	669	1"	172	15.8 kg
47465	140	512	890	1"	172	19.9 kg

All dimensions are in millimetres unless otherwise specified.



## Dimensions (200 – 1000 Litres)



**Stuart ExPro 200L – 250L**

**Stuart ExPro 300L – 1000L**

Part Code	Litre	A	B	C	D	Weight
47466	200	634	758	1"	205	37 kg
47467	250	634	890	1"	205	45 kg
47468	300	634	1090	1"	235	52 kg
47469	400	740	1066	1"	245	65 kg
47470	500	740	1290	1"	245	79 kg
47471	600	740	1530	1"	245	85 kg
47472	800	740	1995	1"	245	103 kg
47473	1000	740	2413	1"	245	118 kg

All dimensions are in millimetres unless otherwise specified.

### Technical Specification

Maximum Working Pressure:  
Maximum Operating Temperature:

**3 bar (8 – 35 litres) / 6 bar (50 – 1000 litres)**  
**70°C**

### Materials

Coating:  
Connections:  
Diaphragm:  
Shell:

**Powder Epoxy**  
**Carbon Steel**  
**Synthetic Rubber Compound**  
**Carbon Steel**