

IG-55 iFLOW CONTAINER AND VALVE ASSEMBLIES

Description

iFLOW systems are configured around a range of eight container and valve assemblies.

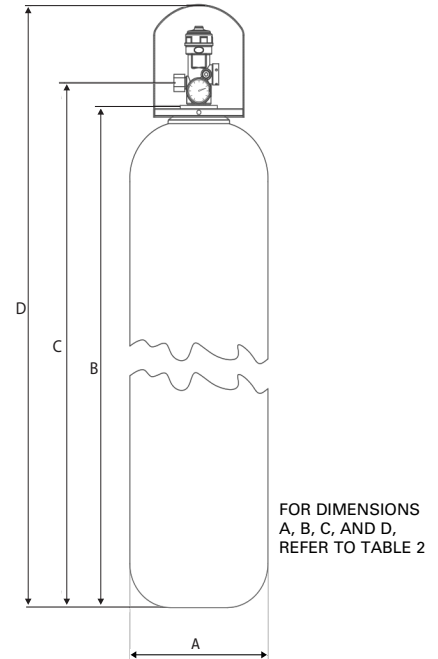
Each basic assembly consists of:

- Container complete with transport cap
- Valve assembly
- Container labels

Each container size can be supplied with either a standard pressure gauge or a contacted pressure gauge fitted.

Each assembly is provided with a specific charge of inert gas to a maximum pressure of 200 bar or 300 bar (+0 / -5 bar) at 15 °C.

Container Valve Assembly



Containers must not be subject to direct sunlight or adverse weather conditions and must not be positioned where water can accumulate around the base.

Part number	Pressure (bar)	Container size (L)	Standard pressure gauge fitted	Contacted pressure gauge fitted	IG-55 quantity (m ³)	IG-55 quantity (kg)
73120027H	300	80	No	Yes	22.3	32.1
73120028H	300	80	Yes	No	22.3	32.1
74106031H	300	140	No	Yes	39.1	56.2
74106028H	300	140	Yes	No	39.1	56.2
73119041H	200	80	No	Yes	15.9	22.8
73119037H	200	80	Yes	No	15.9	22.8
74106025H	200	140	No	Yes	27.8	39.9
74106022H	200	140	Yes	No	27.8	39.9

Table 1. Filling details for iFLOW container and valve assemblies

Containers are designed, manufactured and marked in accordance with 2010/35/EC. 200 bar containers are pressure tested to 300 bar and 300 bar containers to 450 bar.

Labels providing safety, maintenance and pressure temperature information are fitted to all containers.

Containers are coloured red to BS4800:04 E53 with a green top dome to RAL 7031.

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Container size (L)	Pressure (bar)	Dimension A (mm)	Dimension B (mm)	Dimension C (mm)	Dimension D (mm)	Tare weights (approx.) (kg)	Gross weights (approx.) (kg)
80	300	267	1780	1825	1980	120.2	152.3
140	300	360	1745	1790	1945	207.2	263.4
80	200	267	1710	1755	1910	96.2	119.0
140	200	360	1690	1735	1890	161.2	201.1

Table 2. Dimensions and weights for iFLOW container and valve assemblies