

Accumulator Stations



Specification

Complete flexibility is the keynote to Fawcett Christie stations. For a customised design to meet your specific needs, contact head office for full specification of alternative major features, e.g: Manifold, accumulator isolation, drain to tank facility, welded fittings etc., and Fawcett Christie safety blocks.

Basic/ Double Row Stands

Fabricated frame having substantial vertical and horizontal rolled steel joists with steel plate mounting brackets and feet. Complete with clamping system for securing bottles to frame. Foundation bolt holes are provided, as are integrated lifting points.

The Fawcett Christie stand range is designed to give safe and accessible mounting for 1 - 14 accumulators in 37 or 54 litre capacities, or 1 - 7 sets of accumulator and back-up bottle.

Drip tray (optional)

Fabricated from steel sheet and mounted on base of stand covering full area of frame. Drain plug/valve fitted as required.

Manifold

Fabricated pipe manifold to suit flow requirements terminating in BSP female or flange to suit customer requirements. Connection is made to the accumulator via socket weld fittings to manifold together with suitable pipe and couplings. Connecting pipe size to each accumulator up to 42mm O.D. Special drilled manifold blocks can be manufactured to customer's requirements.

Isolating accumulators

For accumulator isolation. Hand operated On/Off type ball shut off valve, up to 1 1/2" BSP in size, fitted between each accumulator and the manifold.

Isolating station

Hand-operated on/off shut off valve at manifold termination, to suit manifold size.

Pressure indication/ test point

Connecting the fluid side of each accumulator to a panel mounted pressure gauge, calibrated in Bar and PSI via 1/4" BSP isolating valve.

Drain indication/ test point

Connecting each accumulator fluid port bleed port via suitably sized individual needle valves to common drain outlet, terminating in BSP female (or to suit customer requirements).

Stand Dimensions

Finish

One coat blue machine enamel. (blue) frame/pipework.

Test optional - offshore/subsea specs

Test certificates for accumulators and back-up bottles available upon request.

The manifold and pipework are subjected to a static test, at 1.5 x system working pressure.

Accumulator Size	Number of Units						
	1-2	3-4	5-6	7-8	9-10	11-12	13-14
37 Litre							
Overall Length L	500	950	1300	1650	2000	2350	2700
Overall Height H	2250	2250	2250	2250	2250	2250	2250
54 Litre							
Overall Length	500	950	1300	1650	2000	2350	2700
Overall Height	2700	2700	2700	2700	2700	2700	2700

Typical stand installation dimensions

