

022a – Commissioning Bi-Directional High-Pressure INT Firetrace[®] System

Warning Firetrace[®] Co2 & N² cylinders contain high pressure. Proceed with caution.

Do not turn Integrated Isolate valve until system is fully commissioned

Do not remove outlet-blanking cap until cylinder is properly secured.

This procedure should be read in conjunction with document 020 design layout for Direct/ Indirect High-Pressure INT systems.

Locate cylinder and firmly, secure with bracket provided.

Assemble FT0168FT/1 adapter as per instructions enclosed within the Component box.

Connect red Trace detection tube, tighten silver nuts and secure with appropriate clips.

Remove gauge (FT0107/1) from Integrated valve adapter on the side of the High-Pressure Valve. Fit Schrader adapter FT0172 and pressurise to **17 Bar / 245 psi using a Nitrogen cylinder or air pump.**

Remove Schrader adapter and refit gauge.

Using tape, mark the location of the needle on the pressure gauge (*Mid Green*) and **leave system for a minimum of ten minutes per metre of Trace detection tube to check for any leaks on the Trace detection tube.**

Install FT0184 8mm diffuser pipework and connect to FT0168FT/1.

When satisfied pressure is good and no leaks have occurred, remove pressure gauge. Using the integrated valve key, turn the integrated isolate valve ¼ turn counter-clockwise. Refit the pressure gauge hand tight only



Closed

Open



System is now live

Optional pressure switch FT0124 can be fitted in spare gauge adapter on head assembly or end of line.

Please note system will not operate with ball valve in the closed position

