

015b - To Commission Indirect Low Pressure High Throughput Firetrace[®] Systems With Integrated Isolate Valve (ILPHTINT)



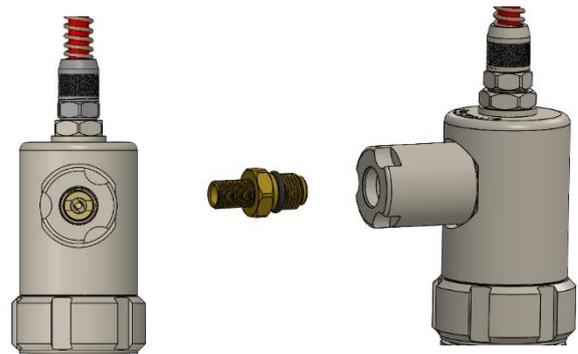
Locate cylinder and firmly secure with the bracket provided as specified in section 4.

Install detection tubing, discharge pipework. **The Brass Coloured Plug is loose. If this port is not going to be used, one of the silver plugs must be fitted into this port and tightened**

Remove black transportation cap from the top of the cylinder. Connect the Firetrace[®] detection tubing to the top of the cylinder valve, tighten spring nut/nut using the appropriate sized spanner then secure the Firetrace[®] detection tube with appropriate methods of fastening. Remove the gauge from the top section of the cylinder valve, this reveals the integrated ball valve which will be in the off position (horizontal position).

A regulator and calibrated pressure gauge shall be used to pressurise the detection tubing with dry nitrogen through the filling adapter (FT0172), pressurise to 12bar (174psi)

It is recommended to have a portable dry nitrogen cylinder or Firetrace Nitrogen Fill Kit (FSCK) for on-site use.



Remove the filling adapter and thread the pressure gauge & o-ring into its place to verify that the tubing is pressurised to 12bar (174psi) (pressure may have to be adjusted for temperatures higher or lower than 20°C (68°F)).

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

If the ball valve is opened abruptly, activation of the cylinder valve may occur, causing the system to discharge.

After confirming that there is no leakage within the detection tubing, remove the gauge from the top section of the cylinder valve and using the key provided SLOWLY rotate the ball valve counter clockwise to the "ON" position (vertical position)

The system is now live

An optional Pressure Switch Adapter can be fitted in either gauge adapters otherwise the gauges can be refitted.

