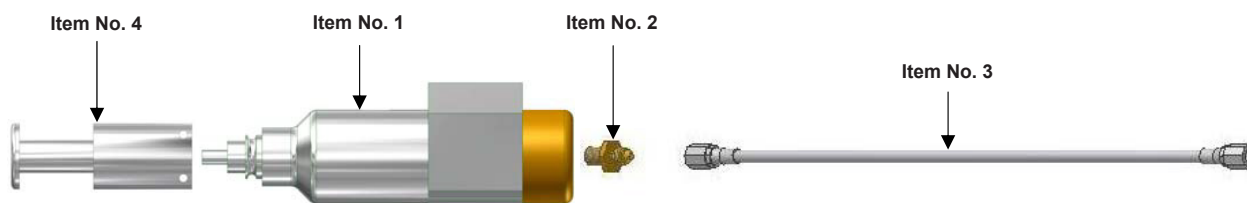


# Impulse Valve Pneumatic Operator (IVPO) KIT

## COMPONENT SHEET

The Impulse Valve Pneumatic Operator (IVPO) provides the means to pneumatically activate the Fike Impulse Valve clean agent container by providing the force required to extend a piston that will open the rupture disc, allowing the agent to be released from the container. The IVPO is installed in systems utilizing multiple clean agent containers.

Fike Clean Agent Containers with IVPO are operated by pneumatic pressure from Container with Impulse Valve Operator (IVO). For detailed information, refer to the Impulse Valve Operator Component Sheet (p/n 06-432-1-5).



SPECIFICATIONS – IMPULSE VALVE PNEUMATIC OPERATOR (IVPO) KIT		
Item No.	Part Number	Description
1	02-12729	Impulse Valve Pneumatic Operator (IVPO)
2	02-4543 1	1/8" x 1/4" JIC Adaptor
3	02-4977	1/4" JIC x 3.0' lg. Actuation Hose
4	70-286	Reset Tool
IVPO Material		Stainless Steel (Body) / Brass (End Cap)
Pneumatic Connection		1/8" NPT
Temperature Range		32°F to 130°F (0°C to 54.4°C)

### INSTALLATION

After the electrical / control system has been checked out and not trouble / ground faults are present; proceed with the IVO and IVPO installation.

**NOTE:** The IVO should be the last items completed before the system is placed into operation.

- Remove the Retaining Clip p/n (02-11986) from the actuation port of the Impulse Valve. (see Figure 1)
- Remove the Plastic Plug from the actuation port of the Impulse Valve. Retain the plug for future use when the container has to be re-filled/serviced.
- Insert the IVPO into the actuation port of the Impulse Valve and secure by inserting the Retaining Clip provided. (see Figure 1)

**IMPORTANT NOTE:** Check IVPO to ensure device is armed before inserting on Impulse Valve.

DATA SHEET

Form No. 02-02 Issue No.21.0

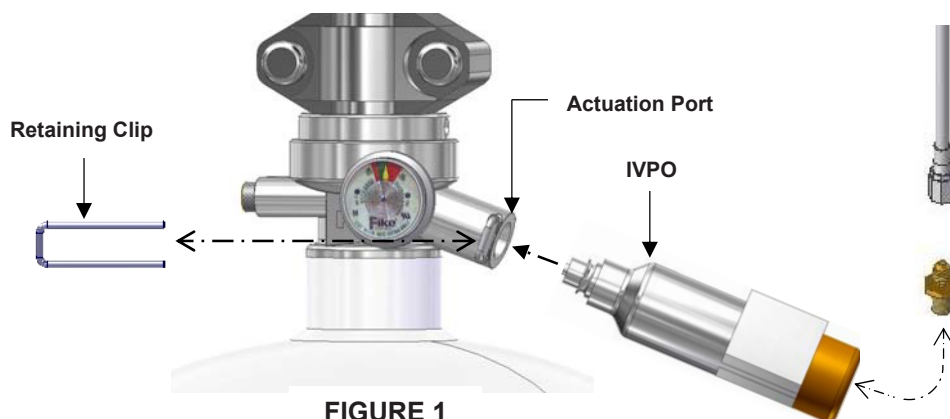


FIGURE 1

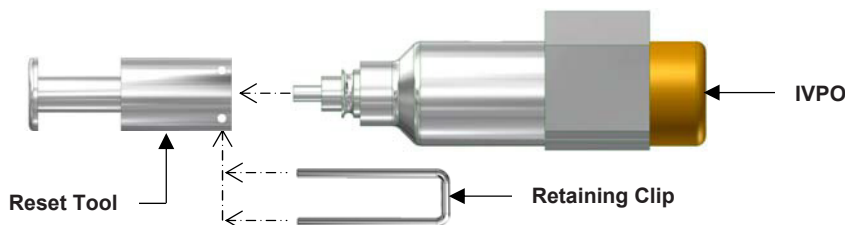
**RESET INSTRUCTIONS**

Remove IVPO from Impulse Valve by removing Retaining Clip.

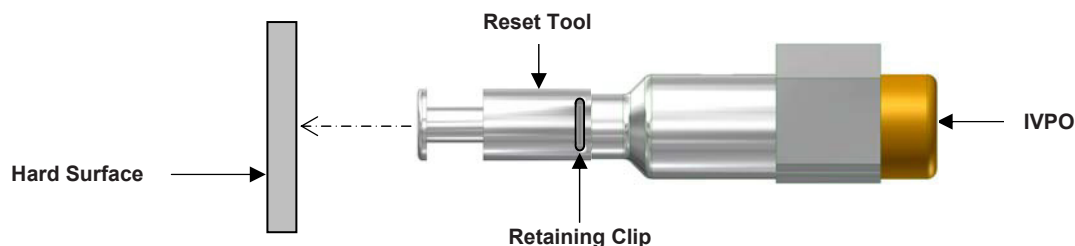


IVPO – Fired Position

Insert IVPO into Reset Tool and secure with Retaining Clip



Push Reset Tool button (firmly) against a hard surface until IVPO Pin resets (clicks into place)



Remove Retaining Clip, IVPO is reset and ready to be installed on Impulse Valve.

**IMPORTANT NOTE:** Check IVPO to ensure device is armed before inserting on Impulse Valve.



IVPO – Armed Position