



Installation And Maintenance Instructions 2-Way Remotely Tripped Mechanical Gas Valve 5075H, 5100H, 5125H, 5150H, 5200H Normally Closed Operation

Description

The Heiser GV series mechanical gas valve is a 2-way, remotely tripped, normally closed gas valve. Valves are of aluminum construction.

Operation

Valve is normally closed; it opens when properly connected to a Protex Series II Fire Suppression System in the set position. Upon system actuation, valve closes. Valve will open when system is reset.

Installation

Refer to *Protex Series II Technical Manual*.

Temperature Limitations

Maximum ambient and fluid temperature is 120°F.

Positioning

Valve may be mounted in any position.

Piping

CAUTION: To prevent damage to valve, DO NOT OVERTIGHTEN PIPE CONNECTIONS.

Connect piping to valve in accordance with markings on valve body. Pipe compound should be applied to male pipe threads only. When tightening pipe, do not use valve as a lever. To avoid strain on valve, assure piping is aligned and supported properly.

Strainer Installation

For the protection of the gas valve, install strainer or a suitable filter in the inlet piping, as close to the gas valve as possible. Periodic cleaning of strainers is recommended.

Preventative Maintenance

1. Keep medium flowing through valve as free from foreign material as possible.
2. Keep valve filter/strainer clean.

Improper Operation

1. *Incorrect Pressure:* Pressure to valve must be within range specified on nameplate.
2. *Leakage:* If leakage is detected, contact an Authorized Protex Distributor immediately.

Dimensions (")

Part #	NPT	A	B	C	D	E	F	G	H
5075H	3/4	4 1/4	2 1/8	5 11/32	6 17/32	6 11/32	3/8	1 13/64	3 13/32
5100H	1	4 1/4	2 1/8	5 11/32	6 17/32	6 11/32	3/8	1 13/64	3 13/32
5125H	1 1/4	5 3/8	2 11/16	5 21/32	5 27/32	6 31/32	15/32	2 53/64	5 21/32
5150H	1 1/2	5 3/8	2 11/16	5 21/32	5 27/32	6 31/32	15/32	2 53/64	5 21/32
5200H	2	6 3/32	3 3/64	6	6 1/4	7 3/4	39/64	2 11/16	5 3/8

