

All the reassurance you need

Tunstall

Gas Shut-Off Valve System User Manual

1.0 Introduction

The Gas Shut-Off Valve System allows the supply of gas in domestic or commercial premises to be controlled in a safe manner. The Gas Controller allows the gas supply, controlled by the valve, to be either permanently disabled, via a key switch, or left in an enabled state. When the system is enabled, if a build up of gas is detected, then the following actions occur: -

1. The Gas Controller switches off the gas supply using the gas shut-off valve
2. The Gas Controller signals to the Social Alarm System, via a radio output module, that an alarm has occurred and the Social Alarm system therefore raises a call to the Control Centre

The Control Centre can then arrange for the management of the situation. The gas supply can be re-enabled by means of the key switch on the Gas Controller.

2.0 System Operation

The Gas Shut Off Valve system is controlled by the Gas Controller which operates in accordance with the following table. All lamps refer to those on the Gas Controller

Mains Supply Present	Switch Position	Gas Detected	Gas Supply	Gas On Lamp	Power Lamp	Alarm Lamp	Alarm Raised
NO	Either	Monitored gas off	OFF	OFF	OFF	OFF	NO
YES	Gas On	NO	ON	ON	ON	OFF	NO
YES	Gas On	YES	OFF	OFF	ON	ON	YES
YES	Gas Off/Reset	Monitored gas off	OFF	OFF	ON	OFF	NO

In the event of the gas supply being shut off, it can be restored by momentarily moving the switch to the Gas Off/Reset position and then back to the Gas On position.

The Gas Controller will not allow the gas supply to be switched on again if the Gas Detector is still detecting the presence of gas

It should be noted that if the mains supply to the Gas Shut-Off Valve System is interrupted e.g. by a power-cut, then the gas supply will be switched off. When the mains supply is restored, then the gas supply will be switched on again.

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3.0 System Installation

This is detailed in the Installation and Service Manual D6707094

4.0 System Servicing

- (a) It is not envisaged that any servicing will be required during the expected minimum 5-year lifetime of the unit. If service is required then contact your Tunstall Service or your service provider
- (b) To clean the unit, wipe occasionally with a damp cloth. **DO NOT CLEAN WITH BLEACH, AEROSOL SPRAYS OR OTHER CLEANING AGENTS.**
- (c) It is recommended that the Gas Shut Off Valve system is tested for correct operation on an annual basis. This procedure is detailed in the Installation and Service Manual D6707094. Tunstall Service can carry out this procedure if required

IMPORTANT NOTICE
ONLY SUITABLY QUALIFIED OR COMPETENT PERSONNEL SHOULD UNDERTAKE ANY WORK ON THESE UNITS