

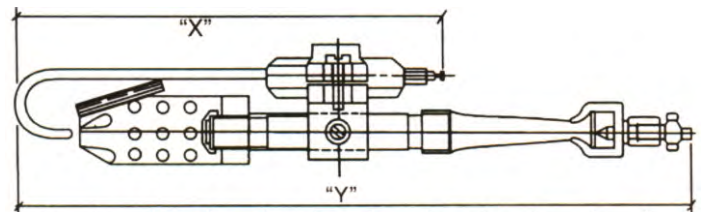
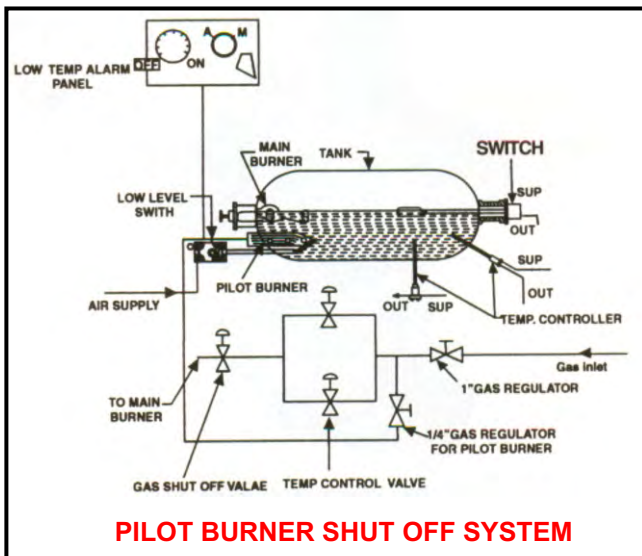
ISO-9001 : 2008 CERTIFIED COMPANY

INTRODUCTION

The Remote Ignitor is used to light up the main burner from a distant place. The ignitor consists of the electronic circuit for ignition alongwith rechargeable dry battery, having long life. The ignitor has got auto return switch, which automatically stops ignition after releasing the same. The housing of the ignitor is Weather Proof and Explosion proof certified by CMRI Dhanbad as per IP 66 for groups IIA ,IIB.



IGNITOR



MODEL	'X'	'Y'
1100 A	300 mm	530 mm
1100 B	600 mm	830 mm

NOTE: Model 1100 A ignitor rod length 300mm
Model 1100 B ignitor rod length 600mm

SPECIFICATIONS

- **Type** : Battery Operated (12VDC)/Supply Operated (230VAC)
- **Battery Charger** : Provided
- **Enclosure** : Die Cast Aluminum
- **Protection Class** : Weather Proof & Explosion Proof
- **Ignitor rod Length** : 300mm & 600mm
- **Pilot Burner** : SS316
- **Mixer with orifice** : CS
- **Mixer Pipe** : SS316
- **Insulator** : Ceramic
- **Insulator Holding clamp** : Gun Metal
- **High Voltage Wire Length** : As Required
- **Cable Gland** : 1/2" NPT
- **Push Button Switch** : Provided

LOW TEMPERATURE SHUT DOWN SWITCH FOR PILOT BURNER (OPTIONAL)

Description

Low temperature shut down device is non bleed adjustable ON-OFF Pilot shut down Controller. It consists of a Mercury filled bulb connected by Stainless Steel Capillary tube to actuate 3-way Micro Valve. The Mercury bulb is housed in the thermowell of Pilot.

Principle of Operation

The Mercury in the bulb expands due to rise in temperature to operate Micro Valve. The low temperature shut down has got 'START/Run' Reset Knob. The Reset Knob is kept as 'START' and the Pilot is lighted. When the temperature near the Mercury bulb increases to the desired value, the 'Reset' Knob automatically returns to 'RUN'. This changover occurs in a short period of time. The supply to the main Burner is opened only after Reset Knob returns to 'RUN'. There can be different applications of low temperature shut down system.



SPECIFICATIONS

- Operating Temperature Range : 0- 250°C
- Capillary Tube Length : 1.5 Meters/3 Meters
- Supply : 2 Kg/Cm²
- Output : 0 & 2 Kg/Cm² (Snap acting)
- Sensing Element : Mercury filled bulb
- Mounting : Field
- Connection : 1/4" NPT
- Start/Run Switch : Provided

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