

FIRE SAFE BALL VALVE

WARNING

- Any deterioration or destruction of any part of the valve shall result in the need to replace the complete valve and alterations to any part of the complete valve shall result in the valve no longer being in compliance with the performance requirements of this document.
- Ensure that the valve allows an adequate flow rate for its intended use
- All installations should be performed in accordance with existing local installation regulations and codes of practice where they exist
- It is imperative to follow the installation instructions including those for correct position of the connection point for the valve.

Installation

- The valve should be inspected for any obvious visible damage prior to installation.
- Ensure all mating pipe-work and fittings have the appropriate standard e.g. BS EN 10226, BS746 or BS5200 threads.
- Clean and prepare pipe-work with a suitable jointing paste (PTFE tape is not recommended).
- BS5200 joints do not require jointing paste.
- Mount unit in position, do not over tighten threads.
- If a meter union is used on the outlet of the ball valve, ensure that the appropriate washers are present.
- If a meter is to be installed at a later date and a blanking cap is supplied, it must be tightened and tested in accordance with the industry codes of practice.

Commissioning

- Ensure downstream pipe-work is shut off.
- Slowly open the inlet isolation valve.
- Purge downstream pipe-work.
- Test the system and valve for leaks (a recommended pressure for such a test is 75mbar, do not exceed the maximum working limit as detailed below).
- The valve should be leak tested in the fully open, fully closed and half open (handle at 45° to body) positions.
- If required the valve can be isolated and sealed by screwing in the locking pin and utilising a lead wire/seal. (Note: the valve cannot be locked in the open position).
- Ensure that the valve is fitted and labelled in accordance with industry standards.

| Valve | Description | Max. Working Pressure |
|---------|---|-----------------------|
| F8310KS | Rc $\frac{3}{4}$ " BS EN 10226 x Rc $\frac{3}{4}$ " BS EN 10226 | 350 mbar |
| F8310NS | Rc1" BS EN 10226 x Rc1" BS EN 10226 | 350 mbar |
| F8312KS | Rc $\frac{3}{4}$ " BS EN 10226 x R $\frac{3}{4}$ " BS EN 10226 | 350 mbar |
| F8325KS | Rc $\frac{3}{4}$ " BS EN 10226 x $\frac{3}{4}$ " BS746 | 350 mbar |
| F8325MS | Rc1" BS EN 10226 x $\frac{3}{4}$ " BS746 | 350 mbar |
| F8335MS | Rp $\frac{3}{4}$ " BS EN 10226 x 1" BS746 Angled | 350 mbar |
| F8329KS | Rc $\frac{3}{4}$ " x G $\frac{3}{4}$ " INV. CONE | 5.0 bar |
| F8325NS | Rc1" BS EN 10226 x 1" BS746 | 350 mbar |
| F8329NS | Rc1" BS EN 10226 x G1" INV. CONE | 5.0 bar |
| F8339KS | Rc $\frac{3}{4}$ " BS EN 10226 x G $\frac{3}{4}$ " INV. CONE Angled | 5.0 bar |

- For any queries about this valve please call Sperryn on the number below.

CERTIFICATION

| | |
|------------------------------------|--|
| Place of Manufacture | St Helens, England |
| Notified Body ID Number | 0086 |
| GIS Standard | GIS V7:3 2007 |
| Gas Families | Suitable for use on 1 st , 2 nd and 3 rd family gases |
| Operating Temperature Range | -20°C to +60°C |
| Fire Resistance | High temperature resistant to EN 1775: 2007, Annex A, procedure B |

SPERRYN
GAS CONTROLS



DELTA ROAD,
ST HELENS, WA9 2ED
TELEPHONE: +44 (0)1744 611 819

FAX: +44 (0)1744 26791
EMAIL: sperrynsales@cranebsu.com
www.sperryn.co.uk

The Company reserve the right to amend any product without notice.

S_FIRE_0809
IOM 0113 ISSUE 8