

Ashcroft® Switches

PIP #: SW-PI-27A

Applicable to:

**U.L. LISTED STEAM  
LIMIT CONTROL SWITCH**

The Ashcroft Steam Limit Control Switch is designed for use on boilers. This limit control is an adjustable pressure operated switch set to stop burner operation when the recommended safe boiler working pressure is exceeded. The standard features of this control switch are:

- setpoint indicating scale
- adjusting nut stop
- S.P.D.T. snap action switch element for N.O. or N.C. operation
- Available with Ashcroft B or L Series (B Series illustrated)

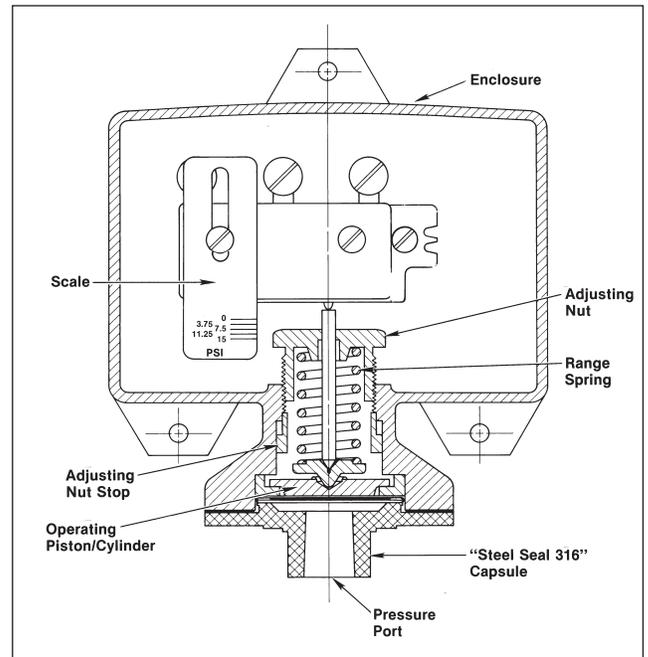
**U.L. Requirements**

U.L. requires the control to be furnished with a setpoint indicating scale and an adjusting nut stop. The scale shows the approximate switch setpoint. The adjusting nut stop prevents the switch from being set beyond its range.

**Operation**

During operation pressure may increase and exceed the recommended safe boiler working pressure. The limit control switch will shutdown the burner at the control point. Burner operation is restored automatically once the boiler pressure falls below the control point.

**Note:** The Limit Control Switch should be separated from the boiler by means of a "pigtail" siphon (at least 7½" long) or a coiled line assembly.



**HOW TO ORDER**

Typical Code: **B4 20 S XG8 300 psi**

**ENCLOSURE**

400 Series  
L Series  
NEMA 4

**SWITCH ELEMENT**

20, 24, 26, 27,  
61, 62, 63, 64  
K, F, G, H

**ACTUATOR**

S – Stainless Steel  
Welded Diaphragm  
V – Viton Diaphragm  
and O-Ring

**OPTIONAL FEATURES**

XG8 – Steam Limit Control  
XCH – Cover Chain  
XPK – Pilot Light

**RANGES**

15#, 30#, 60#,  
100#, 200#, 300#

Underwriters Laboratories File MH8450, Guide MBPR Group A