

"ASTRA" MODEL U RECESSED BULB SPRINKLER QUICK RESPONSE



PROTECTION INCENDIE LTÉE

VENUS
FIRE PROTECTION LTD

250 Laval street, Units 6 & 7
Bromptonville, (Quebec) J0B 1H0
Tél.: (819) 846-3444 - Fax: (819) 846-2717
e-mail: venus@venus.ca

"ASTRA" MODEL U RECESSED BULB SPRINKLER QUICK RESPONSE

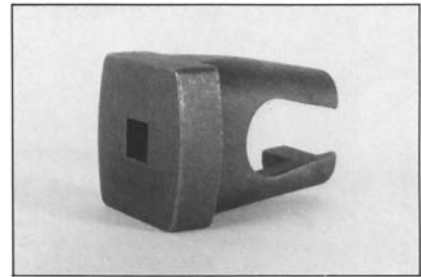
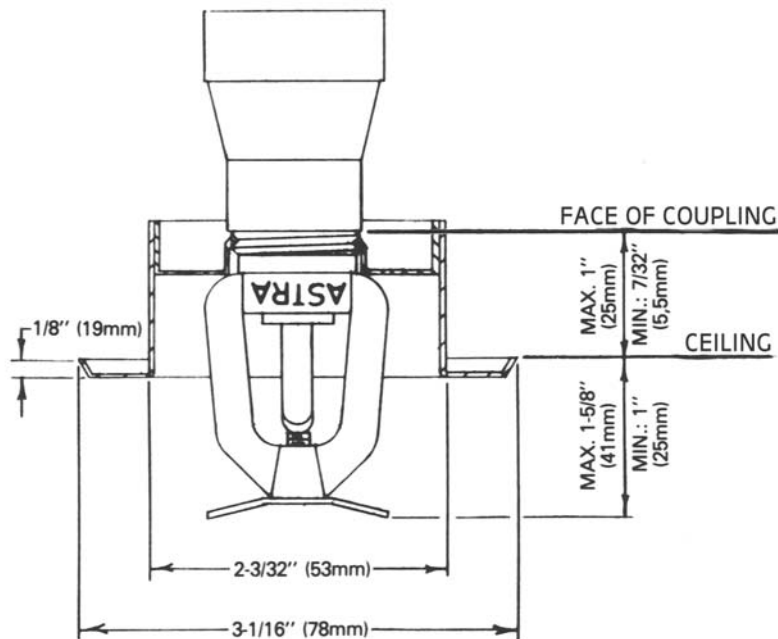
DESCRIPTION AND OPERATION

The "Astra" model U recessed quick response sprinkler with its small profile does not disrupt the overhead aesthetics, and yet one glance upward gives a visual assurance of the finest in fire protection, an automatic sprinkler system.

The color coded 3mm glass bulb is the heart of the recessing unit. At normal temperatures, the glass bulb contains fluid in both the liquid phase and in the vapor phase. The vapor phase can be seen as a small bubble. As heat is applied, the liquid expands forcing the bubble to become smaller and smaller until it disappears. Continued heating forces the liquid to push out against the bulb, causing the glass to shatter, opening the waterway and allowing the deflector to distribute the discharging water.

INSTALLATION

The "Astra" model U recessed quick response sprinkler must be installed according to current NFPA 13. Deviation from these requirements and standards of any alteration to the sprinkler itself will void any warranty made by "Astra" sprinklers (1987) Ltd. In addition, installation must also meet local government provisions, codes, and standards as applicable. The system piping must be properly sized to insure the minimum required flow rate to the sprinkler. Check for the proper model, style, orifice size, and temperature rating prior to installation. Install sprinklers after the piping is in place to avoid mechanical damage; replace any damaged units. Wet pipe systems must be protected from freezing. Upon completion of the installation the system must be tested as per recognized standards. In the event of a thread leak, remove the unit, apply new pipe joint compound or tape, and reinstall.



**RECESSED SPRINKLERS
INSTALLATION WRENCH**

SPECIFICATIONS

Taper hole	K factor	Threaded hole	Length	Finish
1/2" (15mm)	5.6 (80 metric)	1/2" NPT	2 1/4" (5.7 cm)	Bronze, **Chrome Satin, Chrome lustré, White polyester, **Black polyester.

note: metric conversions are approximate

** Finish a available on special order.

APPROBATIONS

Style	Orifice size	135° F 57° C	155° F 68° C	175° F 79° C	200° F 93° C	286° F 141° C	U.L.C.	U.L.	Canadian U.L.	F.M.
Recessed	1/2"	X	X	X	X	U.L. only	X	X		

PROTECTION INCENDIE LTÉE

VENUS

FIRE PROTECTION LTD

MADE IN CANADA