DATA SHEET
8394-121 Tiller Bar Monitor

The Elkhart Brass manual Spitfire® monitors are designed to provide up to 360° horizontal rotation with tiller bar control mechanism. The Spitfire manual monitor is FM Approved the current edition of FM1421 standard and suitable for corrosive and non-corrosive environment applications.



Nozzle sold separately.

Features

- 2000 gpm (7550 LPM) rated pressure
- 200 psi (14 BAR) rated operating pressure
- -45° to +90° (135°) vertical travel
- 360° continuous horizontal travel
- 4" waterway with cast-in vane to optimize stream reach and performance
- Easy to operate tiller bar control
- FM Approved for use with Elkhart Brass WPO-2000™ enables automatic horizontal oscillation without the need of electric control unit
- Rugged brass construction for use in corrosive environments and seawater applications

Nozzle	
	8394-121
Rated flow	2000 gpm (7550 LPM)
Operating pressure	200 psi (14 BAR)
Inlet size	4" 150 lb ANSI Flange
Outlet size	3.5" NHT
Travel	-45° to +90° (135°) vertical travel 360° continuous horizontal travel
Controls	Tiller Bar
Material	Corrosion resistant brass
Weight	114 lbs. (52 kgs.)
Ambient temperature	-35°F - 232°F (-37°C - 111°C)
Certification	FM Approved - 1421, CE Mark

+1 574-295-8330
www.elkhartbrass.com

ELKHART BRASS

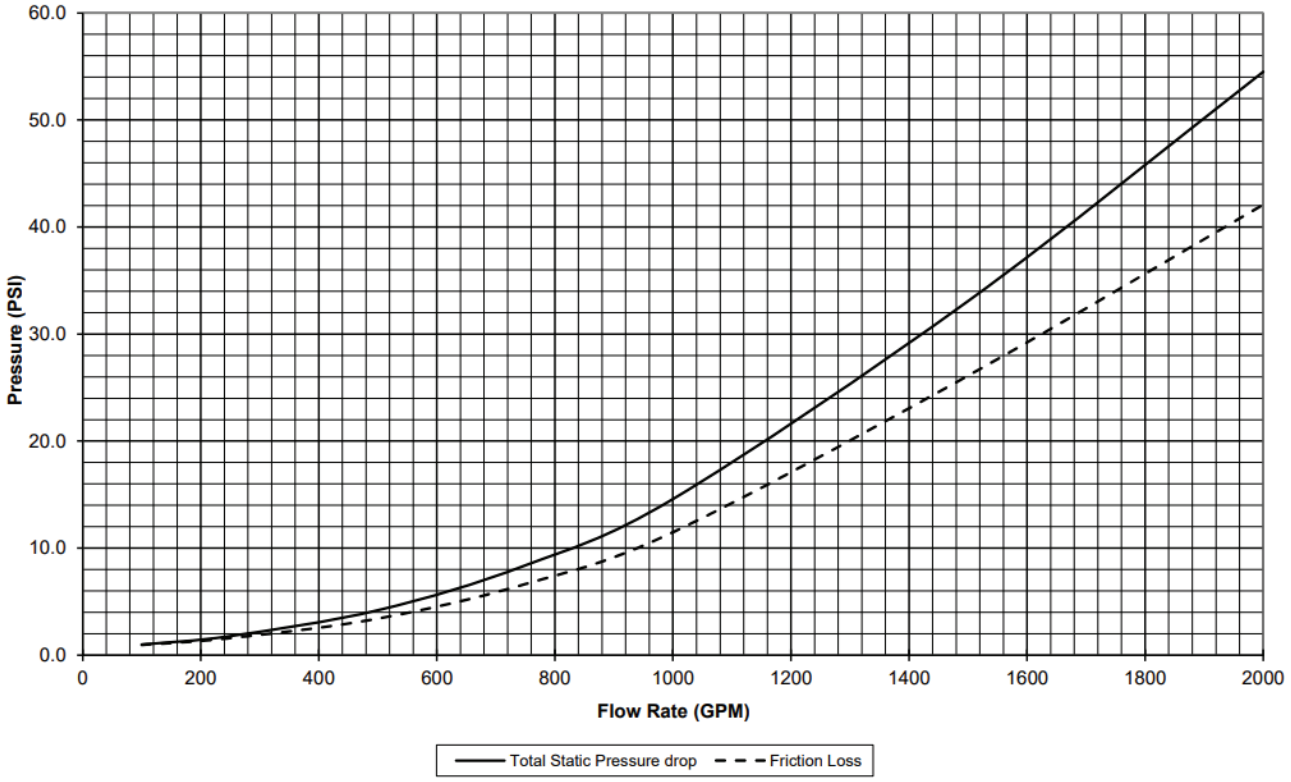
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Pressure Loss

8394-121 Spitfire Losses

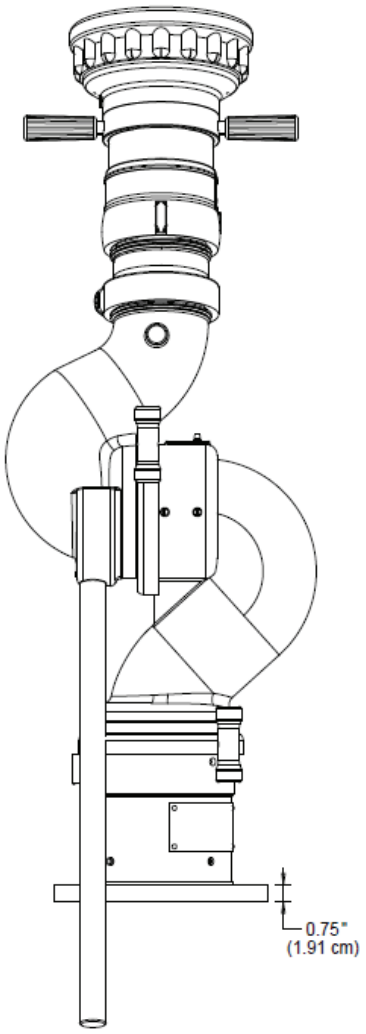
4" Inlet & 3.5" Outlet

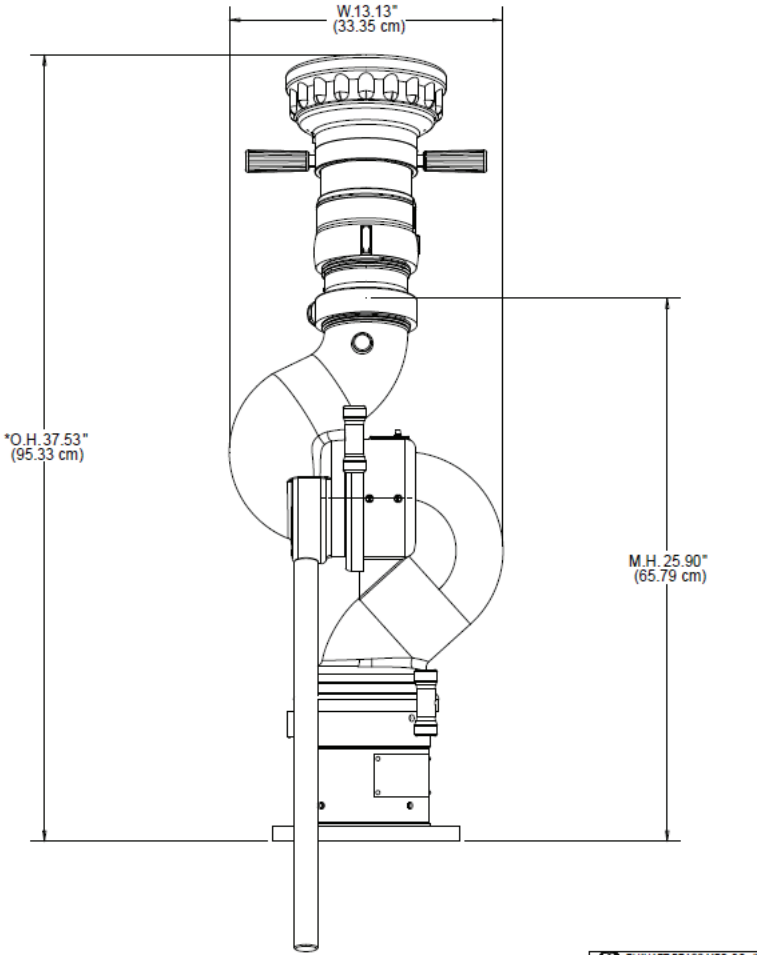


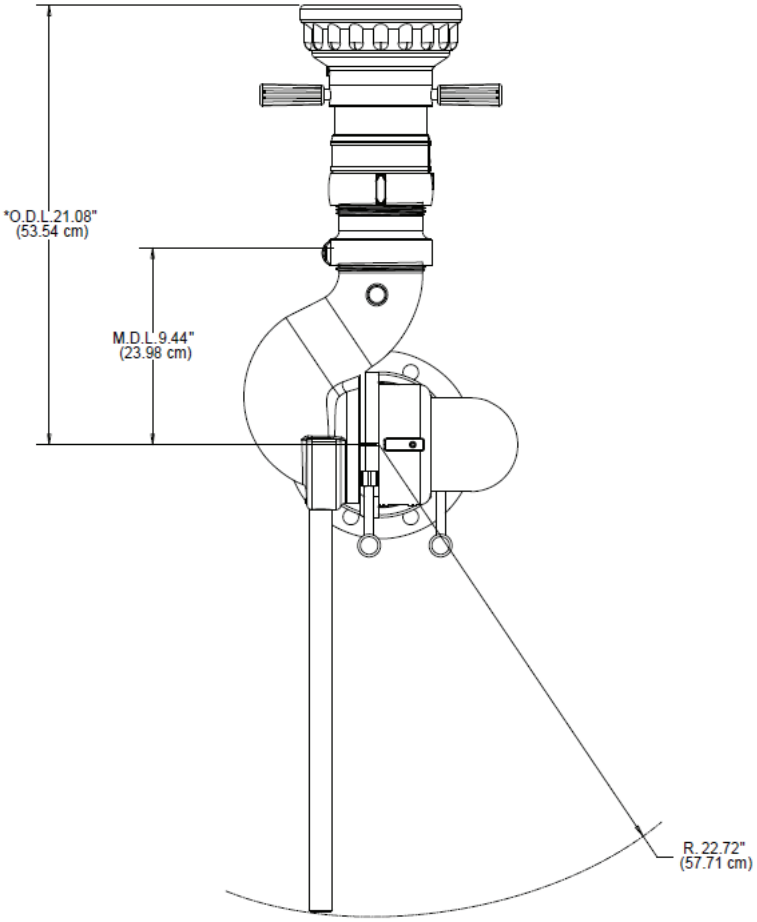
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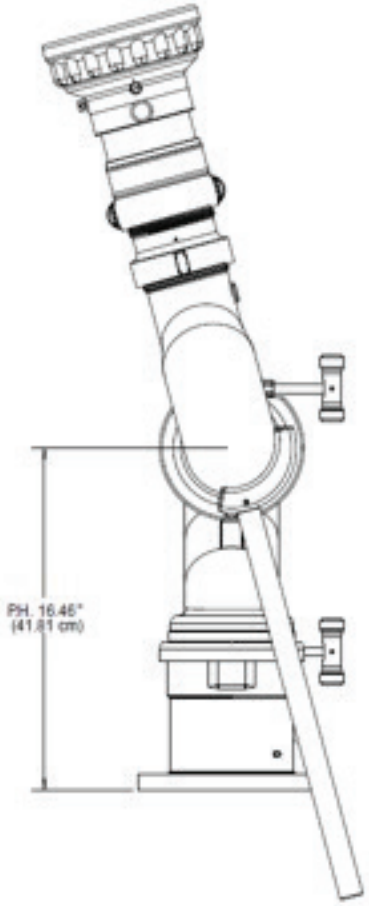
ELKHART BRASS

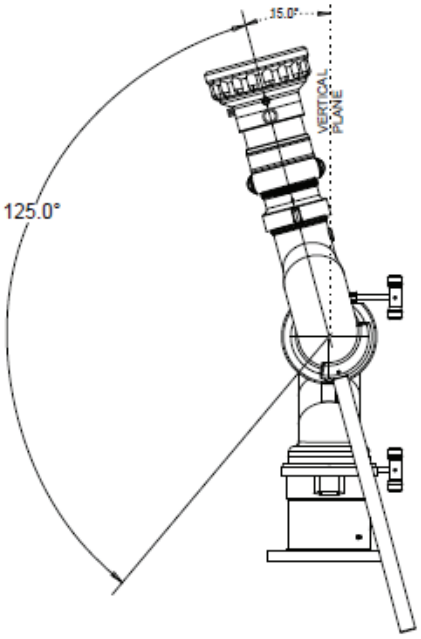
Dimensions (inches)

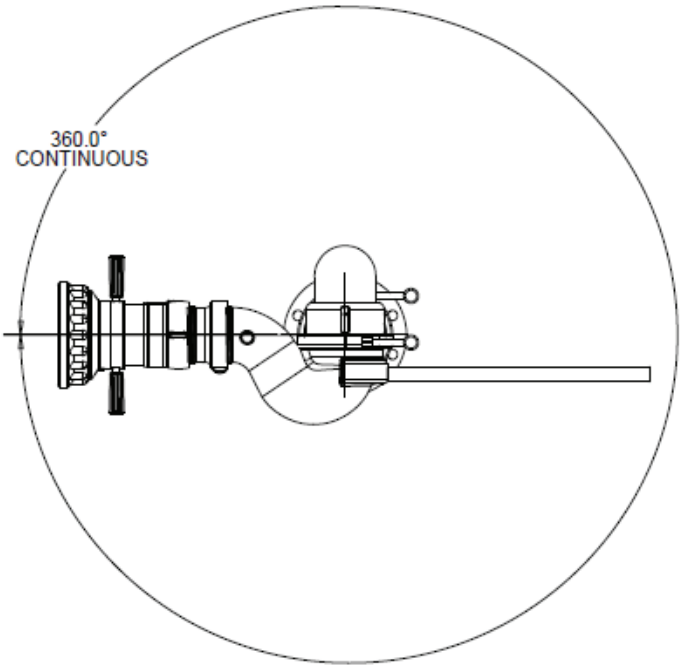





*O.D.L. 21.08"
(53.54 cm)
M.D.L. 9.44"
(23.98 cm)
R. 22.72"
(57.71 cm)


PH. 16.46"
(41.81 cm)





D.L.	Discharge Length
H.H.	Handle Height
H.S.R.	Handle Swing Radius
M.D.L.	Monitor Discharge Length
M.H.	Monitor Height
O.D.L.	Overall Discharge Length
O.H.	Overall Height
O.L.	Overall Length
P.H.	Pivot Height
P.R.	Pivot Radius
R.	Radius
S.D.H.	Stow Down Height
W.	Width

*Not all abbreviations will be used on every drawing