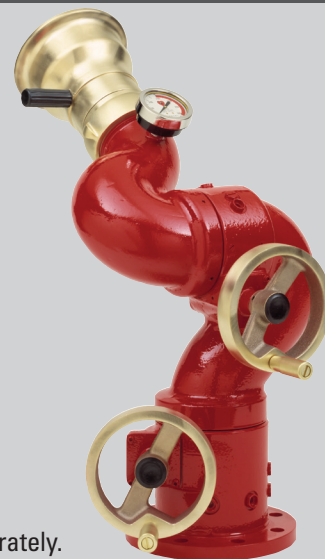


DATA SHEET

8394-02 Dual Hand Wheel Monitor

The Elkhart Brass manual Spitfire® monitors are designed to provide up to 360° horizontal rotation with dual handwheel 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 dual handwheel control
- Rugged brass construction for use in corrosive environments and seawater applications

Nozzle	
	8394-02
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	Dual hand wheel
Material	Corrosion resistant brass
Weight	110 lbs. (50 kgs.)
Ambient temperature	-35°F - 232°F (-37°C - 111°C)
Certification	FM Approved - 1421, CE Mark

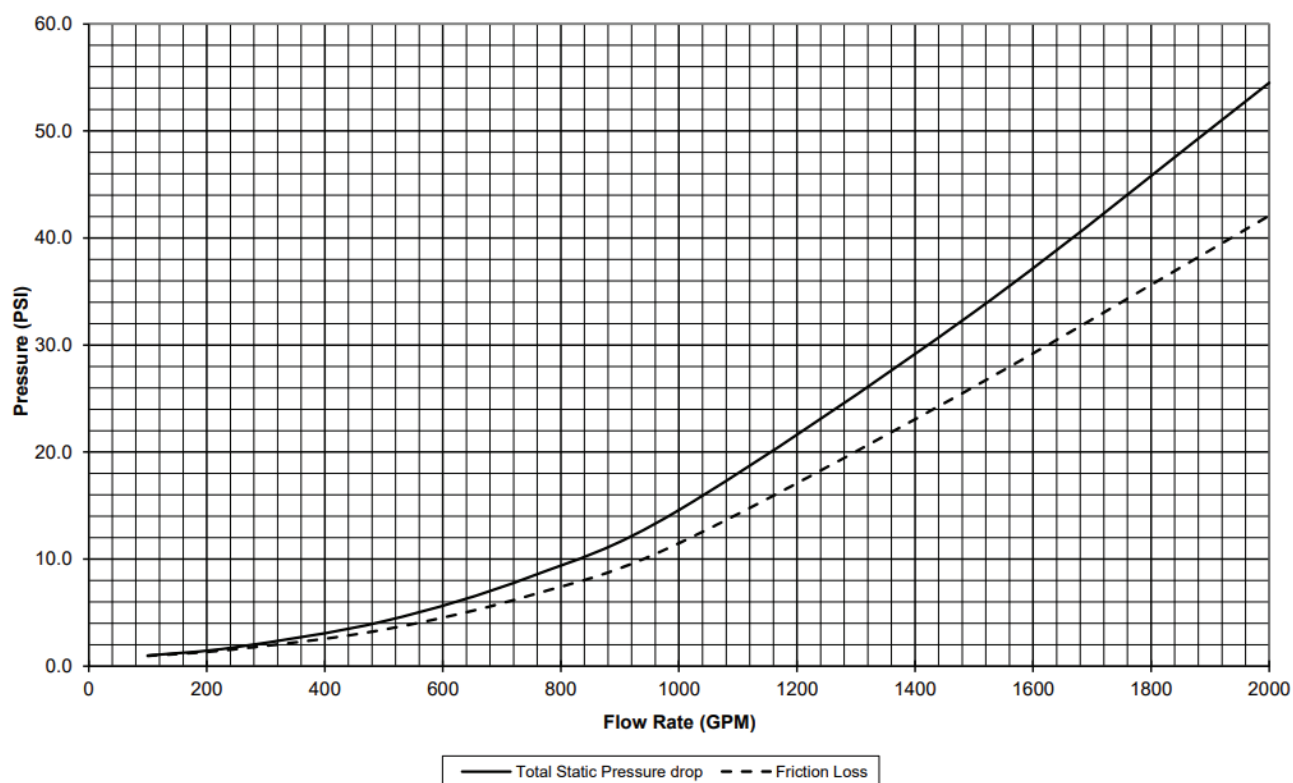
Features

- Efficient at high flows – 4" fully vaned waterway
- Dual hand-wheel style delivers:
 - Full 360° horizontal rotation while allowing the lower hand-wheel to remain stationary
 - 10 vertical and 7 horizontal adjustable stop positions
- Corrosion resistant brass construction
- Low maintenance
- Fully enclosed gearcase
- Steel worm gears
- #316 stainless steel balls in all swivel joints with grease fittings
- Liquid-filled pressure gauge (optional)

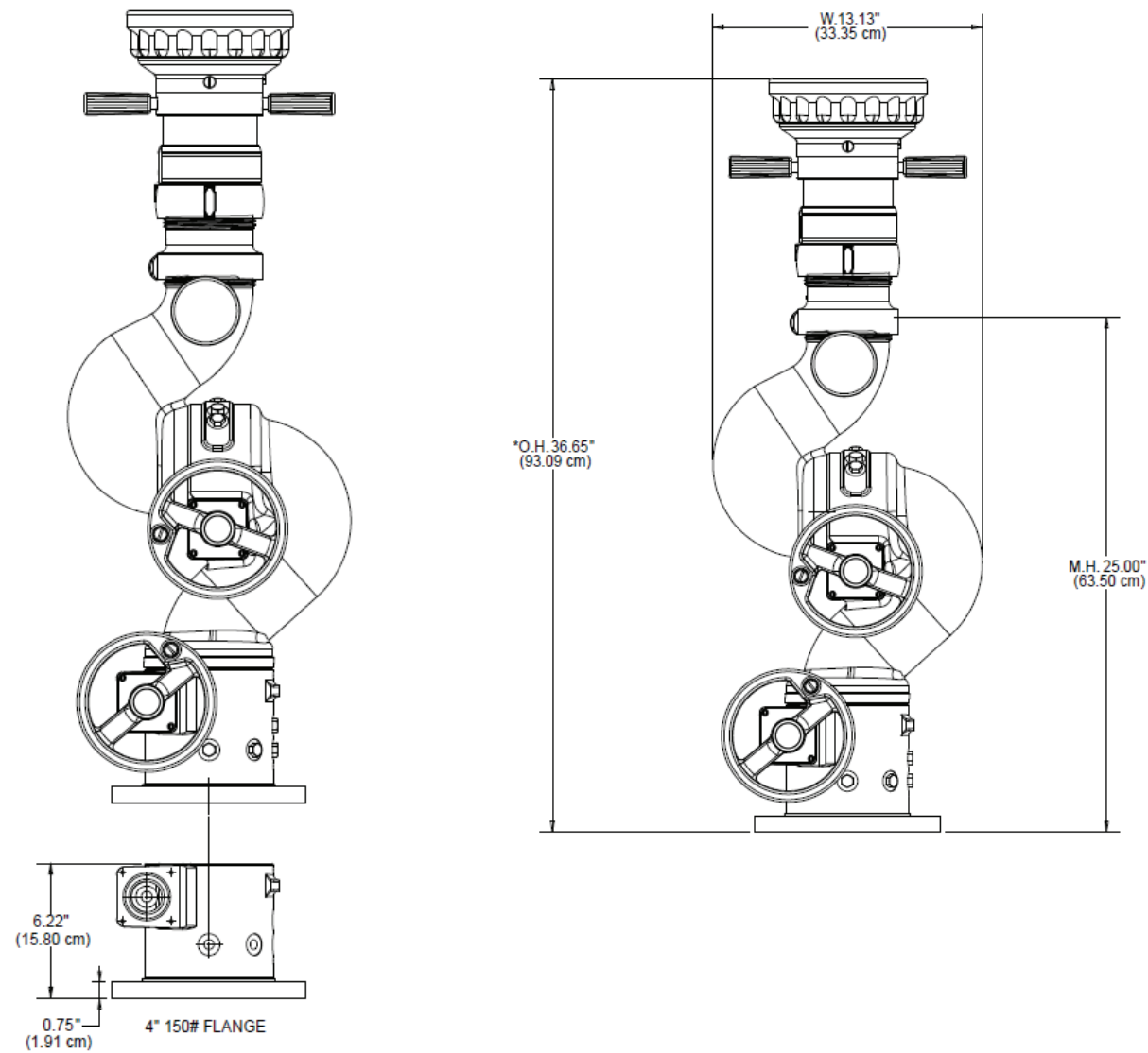
Pressure Loss

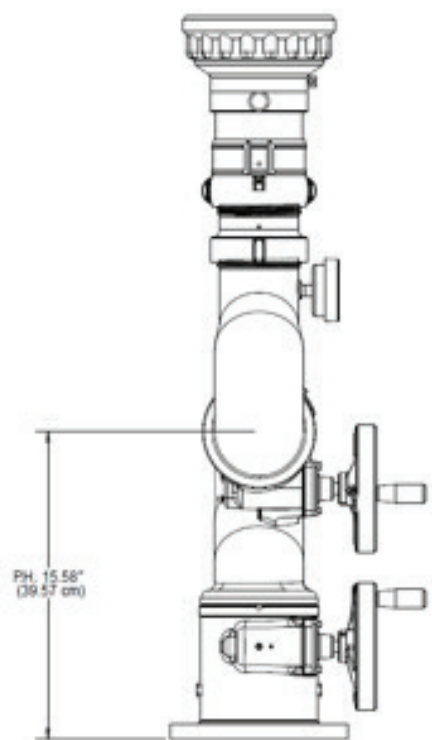
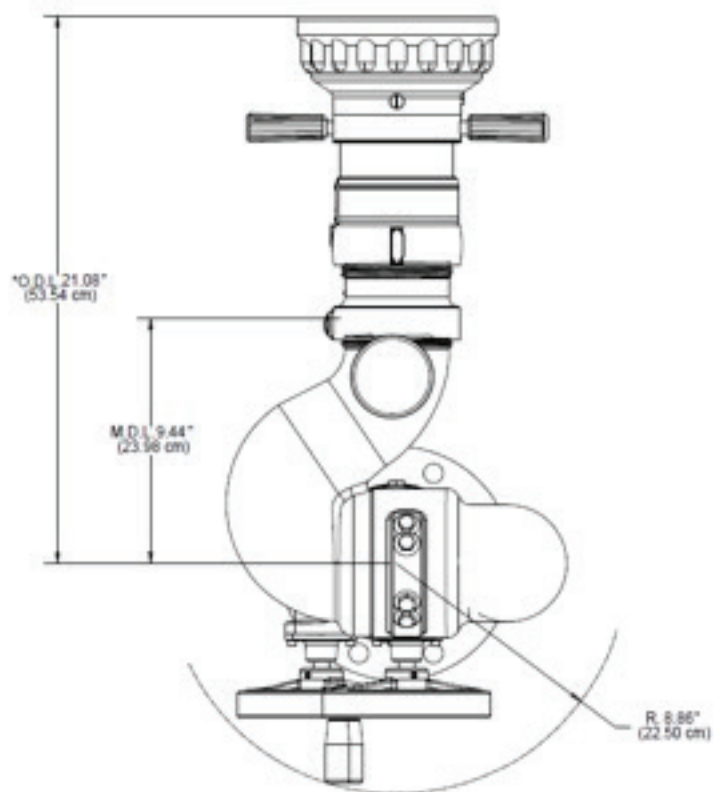
8394-02 Spitfire Losses

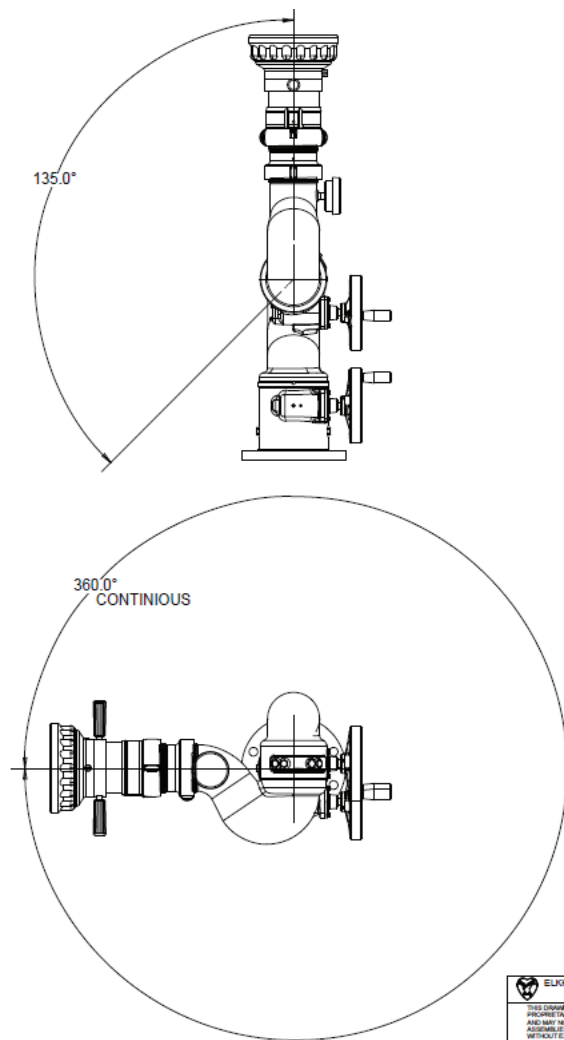
4" Inlet & 3.5" Outlet



Dimensions (inches)







DIMENSIONAL ABBREVIATION KEY*

ABBREVIATION	DESCRIPTION
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