

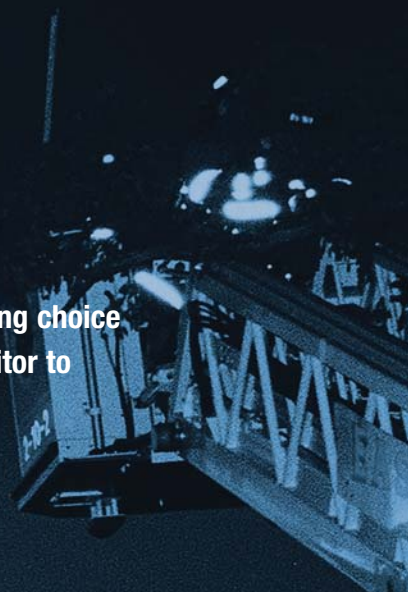


STINGRAY®

MONITORS

Stingray®

- Flow efficient 3" waterway allows for flows up to 1250 gpm
- All construction features designed to minimize maintenance needs
 - Choice of corrosion resistant brass or lightweight Elk-O-Lite® construction
 - Fully enclosed gearcase with stainless steel worm
 - Bronze balls in all swivel joints
 - Grease zerks for easy lubrication
- Flexible installation options include numerous base options and a hydrant mounting choice
- Compact size — 16" high or 21" high — is extremely versatile, allowing the monitor to serve a variety of real-world needs
- Built-in shut-off capabilities (with the Stingray® IV) from a full flow 3" ball valve



5-23



Vaned elbow

Horizontal twist lock

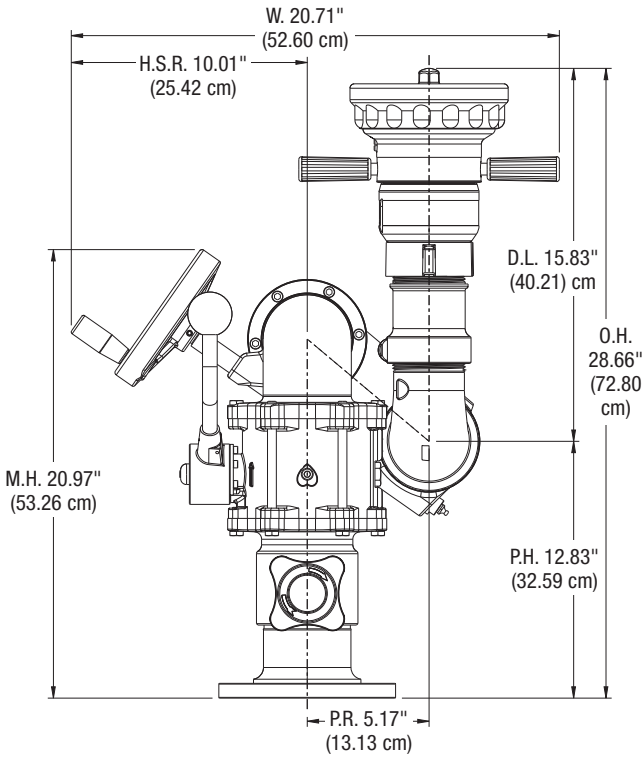
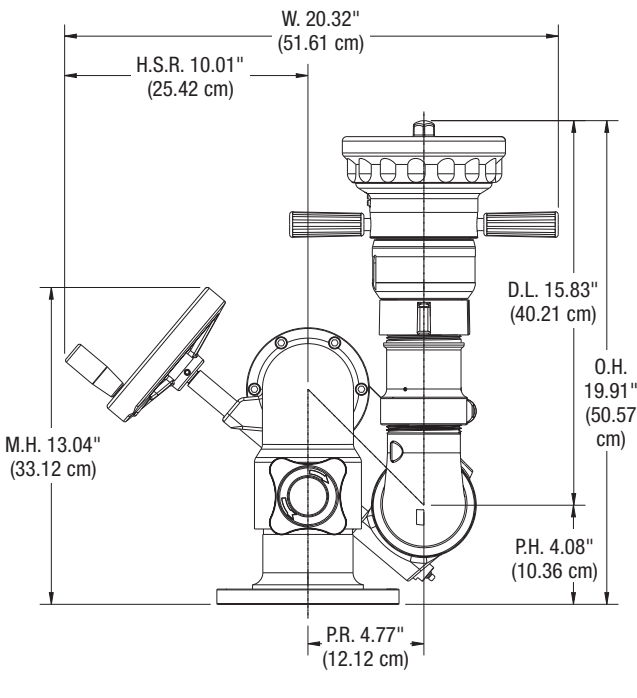
Stingray® IV

1250
GPM



SPECIFICATIONS			
Max. GPM (LPM)	1250 (4732)		
Inlets	Sizes	Types	
	4 "	150# ANSI Flange	
	3 "	150# ANSI Flange	NPT (F)
Outlet Size	2.5" NHT		
Control	Single hand-wheel		
Material/Finish	Brass or Elk-O-Lite® with red urethane enamel		
Friction Loss	27 psi at 1250 gpm		
	17 psi at 1000 gpm		
	9 psi at 750 gpm		
Travel	V -60° to +90° (150°)		
	H 360° (continuous)		
Weight	Varies (See specification chart)		
Ratings and Certifications	CE and FM Approved		

KEY CONFIGURATIONS (ACCESSORIES)		
		
STINGRAY® (2)	PRESSURE GAUGE (3)	BALL VALVE (4)

DIMENSIONS & LAYOUT	
 (1)	 (2)

ADDITIONAL INFORMATION
- All flanges specified with the monitor are flat. Raised flanges are available with some inlet sizes. Please inquire with our sales staff. - Marine Brass (85-5-5-5) construction is available on some models. Please inquire with our sales staff. - Technical Data on monitor performance may be found on page T-10. - The Stingray® is also available in a portable cart version. Please see page 5-61 for details. - The Stingray® is also available in a hydrant mount version. Please see page 5-63 for details.



Stingray® Selector Guide

INLET SIZES/ TYPES			OUTLET SIZE	VERTICAL TRAVEL		INTEGRAL COMPONENTS		MATERIALS		CERTIFICATIONS		DIMENSIONS				ILLUSTRATION	MODEL
NPT	150 # ANSI Flange		2.5"	-60 TO +70°	-60 TO +90°	Ball Valve	Pressure Gauge	Brass	Elk-O-Lite®	CE	FM Approved	Width (In.)	Depth (In.)	Height (In.)	Weight (Lbs.)		
3"	3"	4"	NHT	(130°)	(150°)	3"											
o	o	s	•	o	s	s	o	•		•		14.75	15.75	20.375	68.25	1	8393IV
o	o	s	•	s	o		o	•		•	•	14.75	15.75	15.75	47.5	2	8393
o	o	s	•	s	o		o		•	•		14.75	15.75	15.75	16.0	2	8393-A
						4	3										Illustration

KEY s = standard o = option

Components & Options Chart

COMPONENTS & OPTIONS		ILLUSTRATION	MODEL
Companion Flange Kits	3" 150# ANSI steel flange with bolts and gaskets		81315001
	4" 150# ANSI steel flange with bolts and gaskets		81317001

Recommended Products

SM-1000HF – SELF-EDUCTING	CSW-C-HF SELF-EDUCTING	IMS-500 SELECT-O-STREAM®	J- MYSTERY®	282B STREAM SHAPER	181- SMOOTH BORE	SM-1250B X-STREAM®
						
Page 6-14	Page 6-14	Page 6-10	Page 6-12	Page 1-27	Page 1-29	Page 6-7

Product Highlights

Our Stingray® IV features a 3" integral quarter-turn full flow ball valve. The integrated valve eliminates the need for a separate valve; it is both easier to install and more reliable than a separate wafer valve. The benefits of the integrated valve include:

- 1) Better total monitor efficiency as the friction loss between the traditional separate monitor and valve is reduced
- 2) A turn-key package created by integrating the valve into the monitor

Highlights of the Stingray® IV valve include:

- Hydraulically balanced acetal ball
- Teflon impregnated seats
- Full flow ball valve