

## Ambassador 2 x 6 Monitor/Nozzle

### Description:

This “Hybrid” nozzle has the unique capability to perform as an automatic pressure or fixed gallonage nozzle. During automatic operation the nozzle will respond to varying flows to maintain a nearly constant tip pressure, thus maximizing effective range for a given discharge flow. Once the nozzle reaches the fixed gallonage set point (1000-6000 GPM), it performs as a conventional fixed gallonage nozzle. This is desirable for foam proportioning operations on storage tank fires or other hazards requiring specific application rates. This nozzle is capable of Hydro-Foam™ proportioning at rates up to 6000 GPM @ 3% (3000 GPM @ 6%) using remote jet pump technology. The extensive “Ambassador” options list allows this nozzle to be Hydro-Chem™ capable with PKW flow rates from 25 lbs/s to 100 lbs/s. The single 8” full flow stainless steel waterway construction provides minimum friction loss, maximum efficiency, and years of trouble-free service. The standard tiller-bar control provides full monitor articulation of 360° rotation and down to -15° and up to +75° vertical travel. Pattern control from straight stream to full fog is accomplished via a full wrap-around handle attached to the outer sleeve.

### Standard Features:

- Dual Mode Automatic/Fixed Operation
- Fixed Gallonage plugs: 1K, 2K, 3K, 4K, 5K, 6K
- Hydro-Foam™ Capable Nozzle
- Efficient Single 8” SS Monitor
- Tiller-bar control
- Wrap-around handle design for pattern control
- Tandem axle trailer
- Integral 8” carbon steel manifold
- Five 5” non-clappered storz inlets w/caps
- 2.0” ball fixed height hydraulic surge coupler
- Anti-skid grip surface
- Four point trailer jacks plus tongue jack
- Standard grade Red Finish



### Options:

- Hydro-Chem™ Tip conversion
- Choke tubes (25, 50, 75 & 100 lbs./s)
- Dry chemical manifolds (4, 6, 7, & 10 inlets) \*See Pages J10-J12
- 1.5JP30 Jet Pump w/stinger (one)
- 2.0JP60 Jet Pump w/stinger (three)
- 3-2.5” FNST x 3.0” MNPSH Siamese
- 1-2.5” FNST x 3-1.5” MNST Wye
- 10” SS integral manifold w/6-5” Storz inlets
- Internal 5” clappers
- European adjustable tow bar
- European lighting package
- Gear operated monitor controls (vertical & horizontal)
- Radio remote controlled electric/hydraulic/gear monitor controls
- 1-5” x 2-5” Jumbo Siamese (recommended w/std 8” manifold)
- Premium (show grade) paint & finish
- 3” x 15’ Dry Chemical Hose
- 3” Valved Siamese w/extra hoses for 100 lbs./s “PKW™”

## Standard Models

Part Number	Flow Range	Control Type	5" (120 mm) Inlets	6" (150 mm) Inlets	12" (300 mm) Inlets	Lighting
10214	2,000-6,000gpm	Tiller Bar	6			US DOT
10215	2,000-6,000gpm	Tiller Bar		4		US DOT
18803	2,000-6,000gpm	Tiller Bar		6		US DOT
10216	2,000-6,000gpm	Tiller Bar		4	1	US DOT
18885	2,000-6,000gpm	Tiller Bar		4	1	European
10217	2,000-6,000gpm	Wireless Remote Control	6			US DOT
10218	2,000-6,000gpm	Wireless Remote Control		4		US DOT
20623	2,000-6,000gpm	Wireless Remote Control		6		US DOT
10219	2,000-8,000gpm	Gear Operated	8			US DOT
10220	2,000-8,000gpm	Gear Operated		6		US DOT
10221	2,000-8,000gpm	Gear Operated		4	1	US DOT
10222	2,000-8,000gpm	Wireless Remote Control	8			US DOT
10223	2,000-8,000gpm	Wireless Remote Control		6		US DOT
10224	2,000-8,000gpm	Wireless Remote Control		4	1	DOT

## Ambassador Elevation and Range Performance

Flow Rate (GPM)	Nozzle Angle 30°			Nozzle Angle 45°			Nozzle Angle 80°		
	Max Range (ft)	Max Height (ft)	Height Location (ft)	Max Range (ft)	Max Height (ft)	Height Location (ft)	Max Range (ft)	Max Height (ft)	Height Location (ft)
2000	301	50	201	243	114	162	118	144	78
3000	372	56	248	279	133	186	141	170	94
4000	404	63	269	334	146	223	147	191	98
5000	435	68	290	380	152	253	154	211	102
6000	454	72	302	401	157	267	158	223	102

\* Operating Pressure 100 psi