



HRCM

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Hazardous Location: Class I, Division 1

The Hydraulic Remote Controlled Monitor (HRCM) system includes a monitor with nozzle, a valve box complete with hydraulic pump motor tank unit, and a control box with a complete panel of function controls. Both the valve box and the control panel are available in either stainless steel NEMA #4X for Class I, Division or Zone 2, or unclassified areas; or cast aluminum NEMA #7/4 for Class I, Groups B, C & D, Divisions 1 & 2 hazardous area classifications. Several monitors may be operated from one control station with the option of a secondary control station at another remote location.



294-11XBHC Features:

- 1100 GPM (4164 LPM) max flow
- Rugged, corrosion-resistant cast brass
- 4"-150# ANSI flange base inlet
- 2.5" NHT male discharge outlet
- Double-race, ball bearings on vertical and horizontal swivels



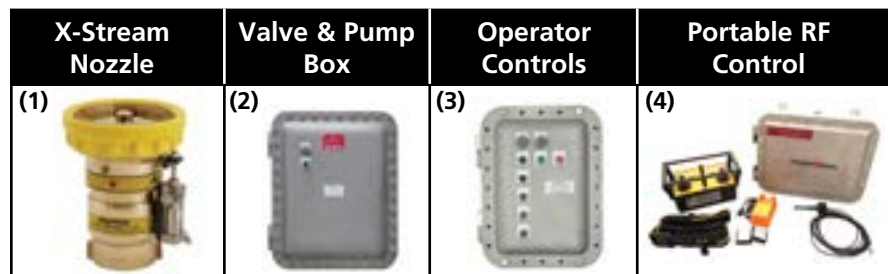
299-20XHC Features:

- 2000 GPM (7570 LPM) max flow
- Seamless, 304 stainless steel tubing (3.5" I.D.) with cast stainless steel swivel joints
- 4"-150# ANSI flange base inlet
- 3.5" NHT male discharge outlet
- Double-race, stainless steel bearings on vertical and horizontal swivels
- Safety covers on both vertical and horizontal spur gears

Common Monitor Features:

- Powerful hydraulic actuators with sufficient torque to move the monitor even under the most adverse conditions.
- These actuators have built-in, hydraulic flow controlling, adjustable needle valves and are constructed of materials suitable for salt water environments.
- The vertical actuator allows movement of 150° (+90/-60).
- The horizontal rotation of 180° is standard; 270° and 360° are optional (please specify).
- Automatic horizontal oscillation is available upon request:
 - NEMA #4X - 20°-180° (requires NEMA #4X valve box)
 - NEMA #4X - 20°-360° (requires NEMA #4X valve box)
 - NEMA #7/4 - 20°-180° (requires NEMA #7/4 valve box)
 - NEMA #7/4 - 20°-360° (requires NEMA #7/4 valve box)
- Nozzle pattern is infinitely adjustable from straight stream to wide fog by means of two hydraulic pistons with a flow control, needle valve.
- Monitors are shipped mounted on top of a 38" long pipe spool (44" for monitors with optional horizontal oscillation) with all hydraulic lines attached and the valve box mounted to the spool.
- The entire assembly can be installed at ground level or in an elevated location.
- The monitors can also be utilized on fire boats or work boats.
- A red urethane enamel finish is standard on all monitors.

Components & Options:



COMPONENTS & OPTIONS			ILLUSTRATION	MODEL
X-Stream Series Nozzle	Automatic	1250 GPM (4731 LPM)	1	SM-1250HB
		2000 GPM (7570 LPM)	1	SM-2000HB
Control Panels	Valve & Pump Box with Spool (riser pipe) Assembly	NEMA 4X (stainless steel) for unclassified areas		81250001
		NEMA 7/4 (cast aluminum) for hazardous locations	2	81249001
	Operator Control Panel (OCP)	1 Monitor ; NEMA 4X (stainless steel)		24230000
		2 Monitor ; NEMA 4X (stainless steel)		24231000
		4 Monitor ; NEMA 4X (stainless steel)		24233000
		1 Monitor ; NEMA 7/4 (cast aluminum)	3	24224000
		2 Monitor ; NEMA 7/4 (cast aluminum)	3	24225000
		4 Monitor ; NEMA 7/4 (cast aluminum)	3	24227000
Portable RF Control	Wireless transmitter and receiver options	4		