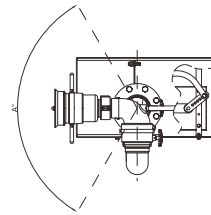


Water powered oscillating fire monitor

Water powered oscillating fire monitor includes a hydraulic circuit that automatically controls the sweeping motion of the fire monitor over a specified angle, so to deliver a large water stream.



- Certificate: FM Approved
- Standard: NFPA 1964, GB 19156
- Connection: Flanged as ANSI Class 150, EN 1092 PN16, etc.
- Feature: Self oscillating, water powered
- Oscillation: 0° to 350°, or 0° to 165°
- Elevation: 70° above + 60° below, etc.
- W. pressure: 200 psi
- Surface: Red FBE coating



Main parts and material

Construction	Brass, aluminum alloy, or SS304	Pre-assembly nozzle	Brass or aluminum alloy
Oscillating mechanism	Double reduction gear box, brass	Pelton wheel	Brass or AL, with speed control valve and tubing

Available size (Source 1 with FM)

Flow @ 100 psi (7 bar)		Material	Base inlet	Oscillation angle (A°)	Nozzle type	Ref. No.
GPM	LPM					
500	1900	Brass	3" or 4" FLG	0° ~ 350°	Constant gallonage	Y4901 (FM)
750	2850	Brass	3" or 4" FLG	0° ~ 350°	Constant gallonage	Y4902 (FM)
1000	3800	Brass	3" or 4" FLG	0° ~ 350°	Constant gallonage	Y4903 (FM)
1250	4750	Brass	3" or 4" FLG	0° ~ 350°	Constant gallonage	Y4904 (FM)
300, 500, 800, 1000	1140, 1900, 3040, 3800	Brass	3" or 4" FLG	0° ~ 350°	Adjustable flow	Y4905 (FM)
500-750-1000-1250	1900, 2850, 3800, 4750	Brass	3" or 4" FLG	0° ~ 350°	Selectable gallonage	Y4906 (FM)

Note: The min operating pressure of the oscillation mechanism is 30 psi, and oscillating speed is 6 rounds per minute (at 120° oscillation angle).

Water powered oscillating fire monitor

Available size (Source 2 with ISO)

Flow @ 100 psi (7 bar)		Material	Base inlet	Oscillation angle (A°)	Nozzle type	Ref. No.
GPM	LPM					
316	1200	AL	3" or 4" FLG	0° ~ 165°	Constant gallonage	Y4921 (ISO)
474	1800	AL	3" or 4" FLG	0° ~ 165°	Constant gallonage	Y4922 (ISO)
632	2400	AL	3" or 4" FLG	0° ~ 165°	Constant gallonage	Y4923 (ISO)
316, 474, 632	1200, 1800, 2400	AL	3" or 4" FLG	0° ~ 165°	Adjustable flow	Y4924 (ISO)
474-632-789	1800-2400-3000	AL	3" or 4" FLG	0° ~ 165°	Selectable gallonage	Y4925 (ISO)
316 to 1263	1200 to 4800	AL	3" or 4" FLG	0° ~ 165°	Automatic	Y4926 (ISO)
Up to 789	Up to 3000	AL	3" or 4" FLG	0° ~ 165°	Smooth bore tip	Y4927 (ISO)
789	3000	AL	3" or 4" FLG	0° ~ 165°	Constant gallonage	Y4928 (ISO)
947	3600	AL	3" or 4" FLG	0° ~ 165°	Constant gallonage	Y4929 (ISO)
1263	4800	AL	3" or 4" FLG	0° ~ 165°	Constant gallonage	Y4930 (ISO)
1579	6000	AL	3" or 4" FLG	0° ~ 165°	Constant gallonage	Y4931 (ISO)
316, 474, 632	1200, 1800, 2400	SS	3" or 4" FLG	0° ~ 165°	Adjustable flow	Y4932 (ISO)
474-632-789	1800-2400-3000	SS	3" or 4" FLG	0° ~ 165°	Selectable gallonage	Y4933 (ISO)
1263	4800	SS	3" or 4" FLG	0° ~ 165°	Constant gallonage	Y4934 (ISO)
1579	6000	SS	3" or 4" FLG	0° ~ 165°	Constant gallonage	Y4935 (ISO)

Note:

1. The min operating pressure of the oscillation mechanism is 40 psi, and oscillating speed is 3 rounds per minute.
2. The oscillation angle is field adjustable and can be set at 0°, 30°, 60°, 90°, 120°, 140°, or 165°.
3. For fire monitor with SS material construction, the pre-assembly nozzle is aluminum. Brass nozzle is also available.