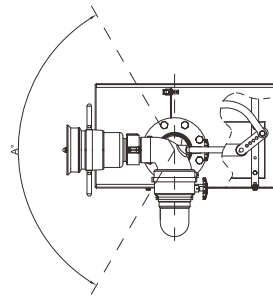


Water powered oscillating foam monitor

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



- Certificate: UL Listed / FM Approved
- Standard: NFPA 11, UL 162, GB 19156
- Connection: Flanged as ANSI Class 150
- Feature: Self oscillating, water powered
- Oscillation: 0° to 350°, 0° to 120°, etc.
- Elevation: 70° above + 60° below, 80° above + 40° below, etc.
- W. pressure: 200 psi
- Surface: Red FBE coating



Main parts and material

Construction	Brass / bronze / AL	Pre-assembly nozzle	Brass / bronze / AL, with pick-up tube
Oscillating mechanism	Double reduction gear box, SS or brass	Pelton wheel	Brass or SS, 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	Foam concentrate	Ref. No.
GPM	LPM						
225	855	Brass	3" or 4" FLG	0° ~ 350°	Self-inducting	1%, 3%	B4901 (FM)
350	1330	Brass	3" or 4" FLG	0° ~ 350°	Self-inducting	0.5% ~ 6%	B4902 (FM)
500	1900	Brass	3" or 4" FLG	0° ~ 350°	Self-inducting	0.5% ~ 6%	B4903 (FM)
750	2850	Brass	3" or 4" FLG	0° ~ 350°	Self-inducting	0.5% ~ 6%	B4904 (FM)
1000	3800	Brass	3" or 4" FLG	0° ~ 350°	Self-inducting	1%, 3%	B4905 (FM)*
225, 350, 500	855, 1330, 1900	Brass	3" or 4" FLG	0° ~ 350°	Self-inducting	1% ~ 6%	B4906 (FM)
350, 500, 750	1330, 1900, 2850	Brass	3" or 4" FLG	0° ~ 350°	Self-inducting	0.5% ~ 6%	B4907 (FM)

Note:

1. The min operating pressure of the oscillation mechanism is 30 psi, and oscillating speed is 6 rounds per minute (at 120° oscillation angle).
2. *For B4905, the fire monitor is FM, and the pre-assembly monitor nozzle is ISO.

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Available size (Source 2 with UL)

Flow @ 100 psi (7 bar)		Material	Base inlet	Oscillation angle (A°)	Nozzle type	Foam concentrate	Ref. No.
GPM	LPM						
500	1900	Bronze	4" FLG	0° ~ 120°	Self-inducting	AFFF 3%	B4921 (UL)
750	2850	Bronze	4" FLG	0° ~ 120°	Self-inducting	AFFF 3%	B4922 (UL)
500	1900	Bronze	4" FLG	0° ~ 120°	Non self-inducting	0.5% ~ 6% premixed	B4923 (UL)
750	2850	Bronze	4" FLG	0° ~ 120°	Non self-inducting	0.5% ~ 6% premixed	B4924 (UL)
1000	3800	Bronze	4" FLG	0° ~ 120°	Non self-inducting	0.5% ~ 6% premixed	B4925 (UL)

Note:

1. The min operating pressure of the oscillation mechanism is 50 psi, and oscillating speed is 0° ~ 30° per second at 100 psi pressure.
2. The oscillation angle is field adjustable and can be set at 0°, 25°, 45°, 60°, 80°, 100°, or 120°.

Available size (Source 3 with ISO)

Flow @ 100 psi (7 bar)		Material	Base inlet	Oscillation angle (A°)	Nozzle type	Proportioning	Ref. No.
GPM	LPM						
316	1200	AL	4" FLG	0° ~ 165°	Self-inducting	0.5% ~ 6%	B4931 (ISO)
474	1800	AL	4" FLG	0° ~ 165°	Self-inducting	0.5% ~ 6%	B4932 (ISO)
632	2400	AL	4" FLG	0° ~ 165°	Self-inducting	0.5% ~ 6%	B4933 (ISO)
789	3000	AL	4" FLG	0° ~ 165°	Self-inducting	0.5% ~ 6%	B4934 (ISO)
947	3600	AL	4" FLG	0° ~ 165°	Self-inducting	0.5% ~ 6%	B4935 (ISO)
1263	4800	AL	4" FLG	0° ~ 165°	Self-inducting	0.5% ~ 6%	B4936 (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°.