

1. Product Introduction



Model: 3141 monitor

The 3141 Oscillating Monitor has a powerful sweeping water stream for high performance attack and protection. Its unique water driven motor sweeps the outlet back and forth in a smooth, wave-like motion to provide cooling and protection while unmanned. The 3141 Oscillating Monitor operates by itself to provide greater flexibility by protecting exposures while personnel work elsewhere. The 3141 Oscillating Monitor is suited for haz-mat situations, protecting exposures, and attacking fires.

Monitor 3141 Details



2. Product Features

- ◆ Compact and lightweight, enabling single firefighter deployment and operation.
- ◆ Quick deployment, operated without any supervision.
- ◆ Efficient flows up to 2400LPM.
- ◆ Adjustable angle: +20°~+60° or +30°~+70° vertically.
- ◆ Horizontal oscillation angle: stepless adjustment within the range of 10°~40°, with manual switching between manual/oscillation modes.
- ◆ The monitor body can self-oscillate at a low pressure of only ≥ 2 bar.
- ◆ Cut-off valve with operating handle for quick opening/closing.
- ◆ Aluminum alloy nozzle with hard anodized surface treatment, light-weight.

3. Specifications

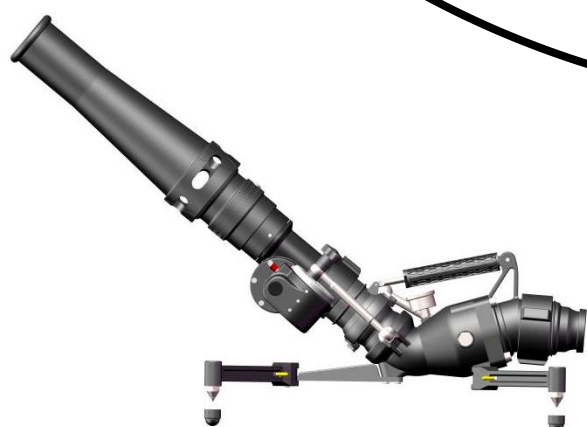
Model		3141
Max. LPM		2400
Inlet	Size	3"
	Type	NH/BS336/BSP/KYKA/Storz (optional)
Outlet		2 1/2" NH
Material		Waterway: Aluminum Alloy Nozzle: Aluminum Alloy
Control		Manual
Travel		V +20°~+60°(+30°~+70° optional)
		H 0°~40°

4. Monitor Style Illustration

Model 3141 monitor can be assembled in multiple ways, with the fixed-flow nozzle and selectable-flow nozzle being the most commonly used. The fire monitor is lightweight and flexible, with a self-oscillating nozzle that saves time and effort, enabling automatic wide-area scanning and fire suppression.



① Model 3141 with nozzle J5030-E



② Model 3141 with Foam Tube F5040



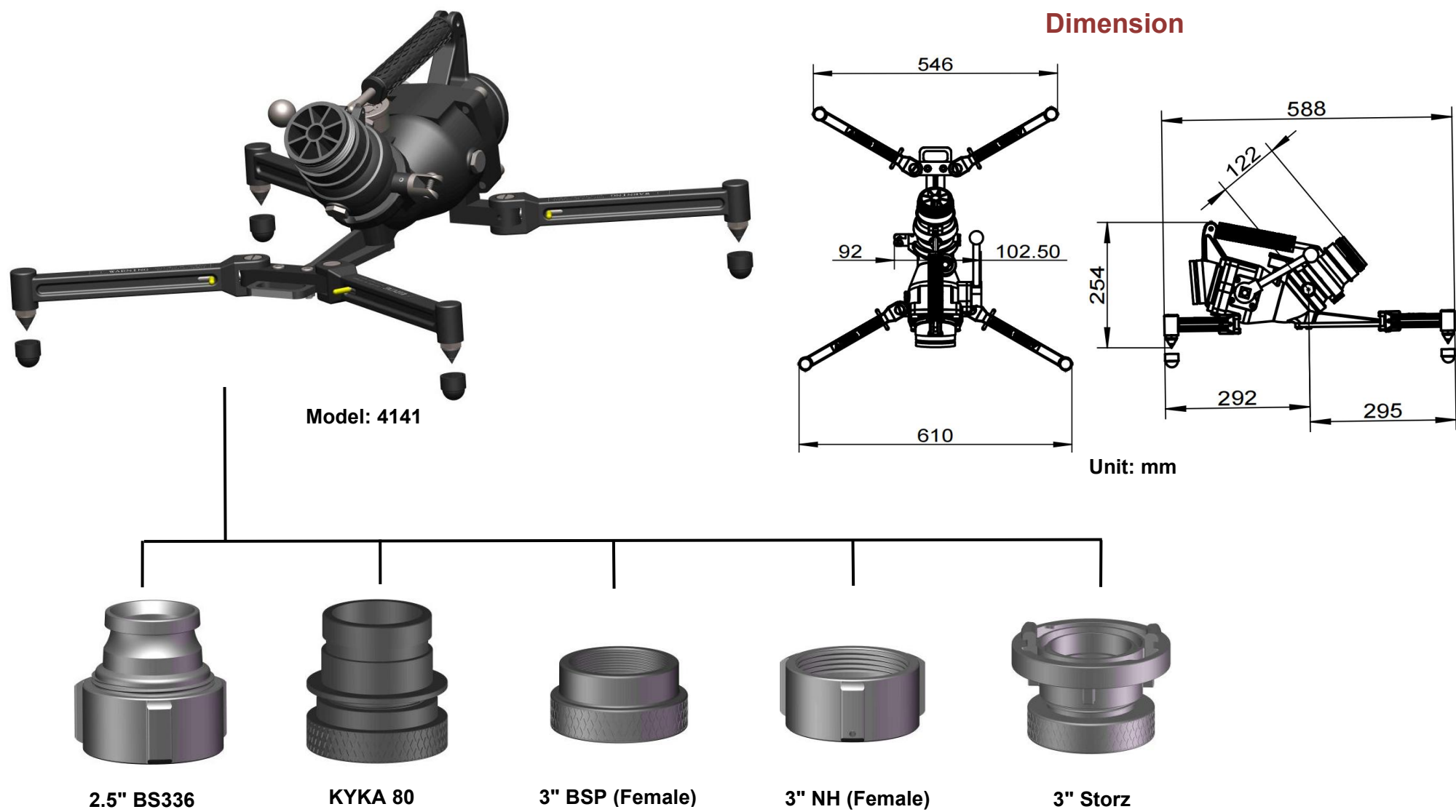
③ Model 3141 with nozzle J5031-E



④ Model 3141 with nozzle J5140-E

5. Monitor Body

Model 3141 monitor features a simple structure and easy mobility. Its base is equipped with tungsten steel ground-gripping pins and retractable supports, ensuring anti-slip performance and stability. The supports can be freely extended or retracted with simple operation. The inlet of the monitor body offers a variety of interface models to meet the needs of different customers.



4141 Monitor Body Selector Guide

MODEL	INLET SIZES/TYPES	OUTLET SIZE	VERTICAL TRAVEL		HORIZONTAL TRAVEL	SELECT
		2 1/2" NH	40° (+20°~+60°)	40° (+30°~+70°)	40° (±20°)	
413022	2.5" BS336	●	●		●	
413023	2.5" BS336	●		●	●	
413024	KYKA 80	●	●		●	
413025	KYKA 80	●		●	●	
413026	3" BSP (Female)	●	●		●	
413027	3" BSP (Female)	●		●	●	
413028	3" NH (Female)	●	●		●	
413029	3" NH (Female)	●		●	●	
413030	3" Storz	●	●		●	
413031	3" Storz	●		●	●	

6. Nozzles



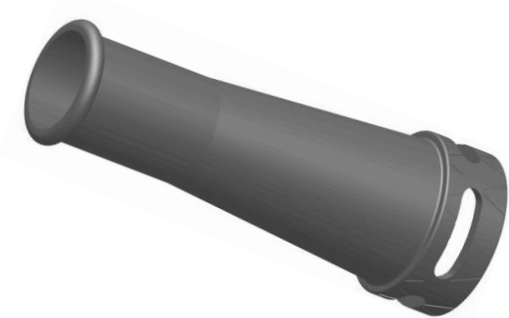
J5030-E



J5031-E



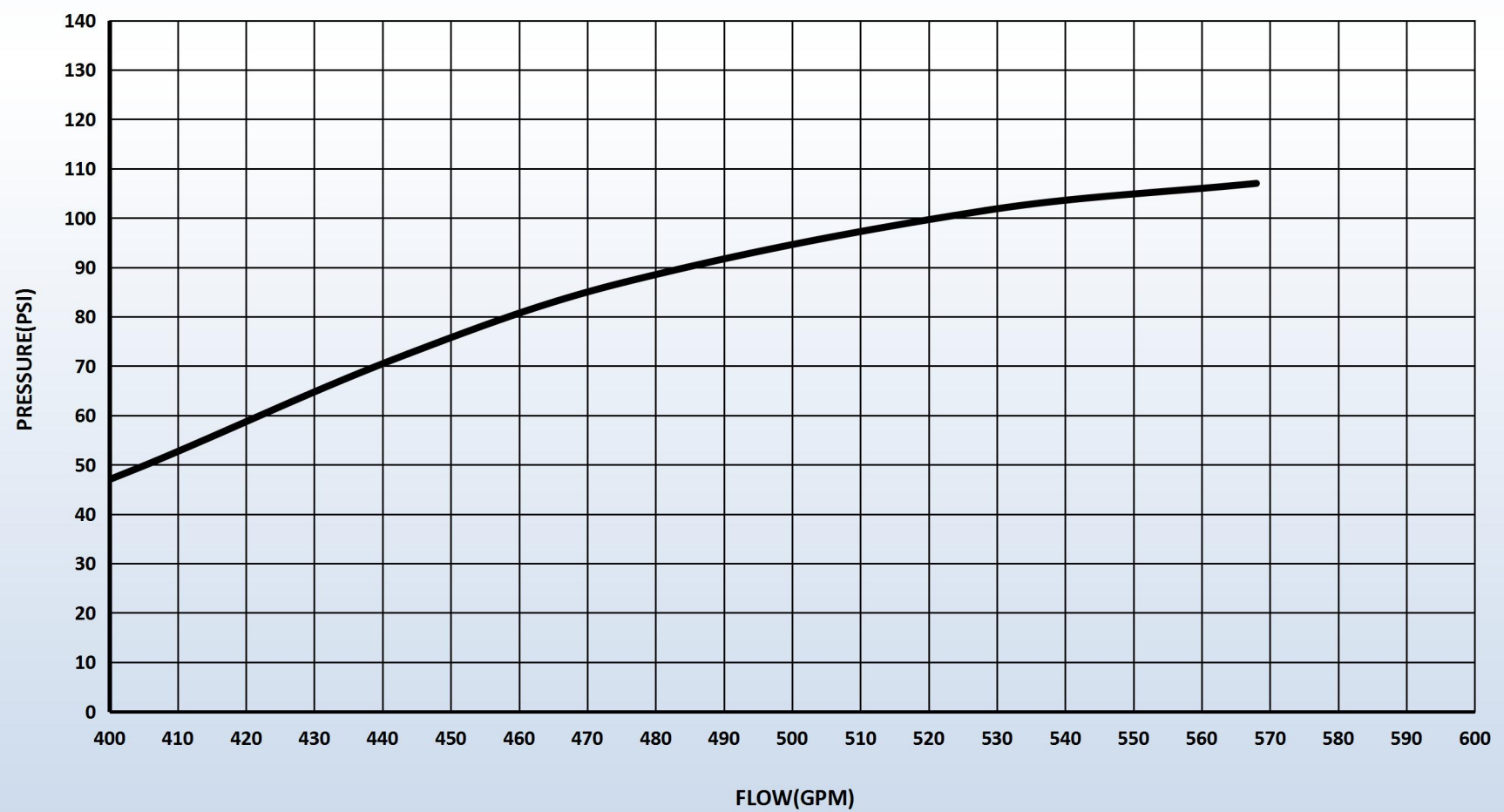
J5140-E



F5040

Components & Options Chart					
	SIZE	FLOW TYPE	FLOW RATE	ILLUSTRATION	MODEL
Nozzle	2.5" NH	Fixed	1900LPM @7Bar	1	J5030-E
		Fixed	2000 LPM @7Bar	2	J5031-E
		Selected	1800/2400 LPM @7Bar	3	J5140-E
Foam Tube	φ125*400 mm			4	F5040

J5030-E Nozzle Flow & Pressure
(At 32 degrees elevation in no wind conditions)



J5030-E Nozzle Flow & Range
(At 32 degrees elevation in no wind conditions)

