

# MONITORI CINA



## WATER FIRE MONTIOR

*Hand stick type, jet and spray nozzle*



*(hand stick type) , 30-50L/S flow rate*



Hand stick type, jet nozzle Specification:

Type: PS30-50A

Flow Range: 30-40-50 L/S Adjustable

Working Pressure: 10 bar

Max Reach @ Max Flow:65m

Range of motion: -45° ~+75° Vert, 350° Rot

Max fog angle: 120°

Material (body): aluminum

Material (Gear): bronze

Material (nozzle): aluminum

Material (Tiller): 304 stainless steel with rubber handle

Pump requirement for minimum performance: 30 L/S @ 8 bar

Pipe dimensions for installation: 4 Inch

Mointor Inlet: DN100 flange

Monitor outlet: 2.5 inch (65 mm)

Paint: Fire Red

## WATER FIRE MONTIOR

*(hand wheel type), 30-50L/S flow rate*



*Hand wheel type, jet and spray nozzle*



Hand wheel type, jet nozzle Specifications:

Type: PS30-50B

Flow Range: 30-40-50 L/S Adjustable

Working Pressure: 10 bar

Max Reach @ Max Flow: 65m

Range of motion: -45° ~+75° Vert, 350° Rot

Max fog angle: 120°

Material (body): aluminum

Material (Gear): bronze

Material (nozzle): aluminum

Material (handwheel): chromate cast iron

Pump requirement for minimum performance: 30 L/S @ 8 bar

Pipe dimensions for installation: 4 Inch

Mointor Inlet: DN100 flange

Monitor outlet: 2.5 inch (65 mm)

Paint: Fire Red

## WATER FIRE MONTIOR

*(hand stick type), 30-50L/S flow rate*



Hand stick type, jet nozzle with section type, each section of nozzle with different flow rate Specification:

Type: PS30-50C

Flow Range: 30-40-50 L/S Adjustable

Working Pressure: 10 bar

Max Reach @ Max Flow: 65m

Range of motion:  $-45^{\circ}$  ~  $+75^{\circ}$  Vert,  $350^{\circ}$  Rot

Max fog angle:  $120^{\circ}$

Material (body): aluminum

Material (Gear): bronze

Material (nozzle): aluminum

Material (Tiller): 304 stainless steel with rubber handle

Pump requirement for minimum performance: 30 L/S @ 8 bar

Pipe dimensions for installation: 4 Inch

Mointor Inlet: DN100 flange

Monitor outlet: 2.5 inch (65 mm)

Paint: Fire Red

## WATER FIRE MONTIOR

*(hand stick type), 30-80L/S flow rate*



*Hand wheel type, jet and spray nozzle*



Hand wheel type, jet nozzle Specification:

Type: PS80A

Flow Range: 30-80 L/S Automatic Nozzle

Working Pressure: 10 bar

Max Reach @ Max Flow: 75m

Range of motion: -90° ~+90° Vert, 350° Rot

Horizontal Control: Lever Action Rotational Lock

Max fog angle: 120°

Material (body): aluminum

Material (Gear): aluminum

Material (nozzle): aluminum

Material (handwheel): plastic

Pump requirement for minimum performance: 30 L/S @ 8 bar

Pipe dimensions for installation: 4 Inch

Mointor Inlet: DN100 flange

Monitor outlet: 2.5 inch (65 mm)

Paint: Fire Red

## WATER FIRE MONTIOR

*(hand stick type), 30-80L/S flow rate*



*Hand wheel type, jet nozzle*



Hand wheel type, jet & spray nozzle Specification:

Type: PS80B

Flow Range: 30-80 L/S Automatic Nozzle

Working Pressure: 10 bar

Max Reach @ Max Flow: 75m

Range of motion:  $-90^{\circ}$  ~  $+90^{\circ}$  Vert,  $350^{\circ}$  Rot

Max fog angle:  $120^{\circ}$

Horizontal Control: Lever Action Rotational Lock

Material (body): 304 stainless steel

Material (Gear): bronze

Material (nozzle): aluminum

Material (handwheel): stainless steel

Pump requirement for minimum performance: 30 L/S @ 8 bar

Pipe dimensions for installation: 4 Inch

connections: DN100 flange

Paint: no paint, polishing

## WATER FIRE MONTIOR

*(hand stick type), 30-80L/S flow rate*



Hand wheel type, jet & spray nozzle (We also call crab type) Specification:

Type: PS80C

Flow Range: 30-80L/S Automatic Nozzle

Working pressure: 10bar

Max Reach @ Max FLOW: 75m

Range of motion: -30 degree to +70 degree, 360 degree Rotation

Max Fog Angle: 120 degrees

Material (body): stainless steel 304

Material (Gear): aluminum alloy

Material (nozzle): aluminum alloy

Pipe dimensions for installation: 4 inch

Monitor Inlet: DN 100 Flange

Monitor outlet: 2.5 inch (65mm)

Paint: Fire Red

## ELECTRICAL WATER FIRE MONITOR (5-20L/S

*(remote control type)*



jet & spray nozzle Specification:

Type: PSKD5-20

Flow Range: 5L/S- 10L/S optional

Working pressure: 6bar ~ 8bar

Max Reach @ Max FLOW: 55m

Max Range of motion: +/-90°Vert, 350°Rot

Max Fog Angle: 120°

Turning speed: 18 degrees/sec

Material (body): 304L Stainless Steel, 316L Stainless Steel is also available

Material (Gear): bronze

Material (nozzle): aluminum

power supply: 12/24VDC or 100-230VAC

Power Consumption normal/Max: 50W/150W

Weight incl. nozzle: approx 17 Kg

Cable Length Monitor - CPU: 5m

Cable Length joystick-CPU: 5m standard/ other length available

pump requirement for minimum performance: 5L/S @ 6bar

Pipe dimensions for installation: 2 inch

Monitor Inlet: 2° male BSP or DN65 flange

Monitor outlet: 2 inch (50mm)



## ELECTRICAL WATER FIRE MONITOR (30L/S)

*(remote control type)*



jet & spray nozzle Specification:

Type: PSKD30A

Flow Range: 30L/S

Working pressure: 8bar ~ 10bar

Max Reach @ Max FLOW: 65m

Max Range of motion: +/-90°Vert, 350°Rot

Max Fog Angle: 120°

Turning speed: 18 degrees/sec

Material (body): 304L Stainless Steel, 316L Stainless Steel is also available

Material (Gear): bronze

Material (nozzle): aluminum

power supply: 12/24VDC or 100-230VAC

Power Consumption normal/Max: 50W/150W

Weight incl. nozzle: approx 18 Kg

Cable Length Monitor - CPU: 5m

Cable Length joystick-CPU: 5m standard/ other length available

pump requirement for minimum performance: 30L/S @ 8bar

Pipe dimensions for installation: 2 inch

Monitor Inlet: 2" male BSP or DN65 flange

Monitor outlet: 2 inch (50mm)

## ELECTRICAL WATER&FOAM FIRE MONITOR (64L/S)

*(remote control type)*



jet nozzle Specification:

Type: PLKD64  
Flow Range: 64L/S  
Working pressure: 10bar ~ 12bar  
Max Reach @ Max FLOW: 80m  
Max Range of motion: +/-90°Vert, 350°Rot  
Max Fog Angle: 120°  
Turning speed: 18 degrees/sec  
Material (body): 304L Stainless Steel, 316L Stainless Steel is also available  
Material (Gear): bronze  
Material (nozzle): aluminum  
power supply: 12/24VDC or 100-230VAC  
Power Consumption normal/Max: 50W/150W  
Weight incl. nozzle: approx 26 Kg  
Cable Length Monitor - CPU: 5m  
Cable Length joystick-CPU: 5m standard/ other length available  
pump requirement for minimum performance: 64L/S @ 10bar  
Pipe dimensions for installation: 3 inch  
Monitor Inlet: 3° male BSP or DN100 flange  
Monitor outlet: 2.5 inch (65mm)

## ELECTRICAL WATER&FOAM FIRE MONITOR (80L/S)

*(remote control type)*



jet & spray nozzle Specification:

Type: PSKD80  
Flow Range: 30-80L/S Automatic Nozzle  
Working pressure: 10bar ~ 12bar  
Max Reach @ Max FLOW: 80m  
Max Range of motion: +/-90°Vert, 350°Rot  
Max Fog Angle: 120°  
Turning speed: 18 degrees/sec  
Material (body): 304L Stainless Steel, 316L Stainless Steel is also available  
Material (Gear): bronze  
Material (nozzle): aluminum  
power supply: 12/24VDC or 100-230VAC  
Power Consumption normal/Max: 50W/150W  
Weight incl. nozzle: approx 28 Kg  
Cable Length Monitor - CPU: 5m  
Cable Length joystick-CPU: 5m standard/ other length available  
pump requirement for minimum performance: 30L/S @ 8bar  
Pipe dimensions for installation: 3 inch  
Monitor Inlet: 3° male BSP or DN100 flange  
Monitor outlet: 2.5 inch (65mm)

## MOVEABLE WATER FIRE MONITOR



Hand wheel type, jet & spray nozzle, with moveable basement like fork.(hurricane type) Specification:

Type: PSY80A

Weight: Approx 20 Kg

Flow Range: 10-80 L/S Automatic Nozzle

Working pressure: 10bar

Max Reach @ Max FLOW: 80m

Range of motion: 0° ~+90° Vert, 360° Rot

Max Fog Angle: 120°

Monitor outlet: 2.5 inch (65mm)

Monitor Inlet: 2.5 inch X2 couplings

Material (body): aluminum

Material (Gear): aluminum

Material (nozzle): aluminum

Horizontal Control: Lever Action Rotational Lock

Vertical Control: Handwheel (6 Inch, Injection Molded Nylon)

pump requirement for minimum performance: 10L/S @ 8 bar

Paint: Fire Red

## MOVEABLE WATER FIRE MONITOR



jet & spray nozzle, with moveable basement (OSC type) Specification:

Type: PSYZB40SX OSC Portable Fire Monitor

Weight: Approx 17 Kg

OSC Power Source: Water

Flow Range: 40 L/S

Working pressure: 8bar

Max Reach @ Max FLOW: 60m

Rot motion: 20-30-40° adjustable Oscilattng angle

Vert motion: 10 ~ 45° above horizontal

Max Fog Angle: 120°

Vavle Design: Stainless Steel Slide Vavle

Monitor outlet: 2.5 inch (65mm)

Monitor Inlet: 2.5 inch X1 couplings

Material (body): aluminum

Material (nozzle): aluminum

pump requirement for minimum performance: 20L/S @ 8 bar

Paint: Fire Red or Blue

## TROLLEY FOAM FIRE MONITOR



With 1000L foam tank on the truck, and with fire monitor Specification:

Carbon steel foam tank, the capacity of foam is 1000L

Towing hook height is adjustable

proportion mixing device with negative pressure type in-line (venturi tube),

the mixing ratio of 0.5% ~ 1% ~ 3% ~ 1% is adjustable

equipped with low expansion foam gun 2 1 bottle, stainless steel medium expansion foam gun,

foam monitor 1 portable since the pendulum, and a stationary bubble gun

lifting jack

Slide device: 4pcs

Outer size about length 4m X width 2.3m X height 1.8m

Gross weight not include the foam about 2 tons

equipped with liquid level display tube

equipped with tool kit

safety rails railing

Wear resistant mat

Reflective labeling

## FIRE ROBOT



### Robotic Platform Specification:

Top Speed: 18 mph (29 kph)

Payload: 200 lbs (90 kg)

Turning Radius: Zero (load dependent)

Maximum Climbing and Descending Capability (traction limited): 45 degrees

Battery Chemistry: Li

Range under Optimal Test conditions: 15 mi (24 Km)

Run time, stationary: 8 hours

Recharge Time (from empty): ~8 hours

Dimensions (W X H X L): 31 in (79 cm) X 21 in (53 cm) X 43.5 in (111 cm)

Weight: 220 lb (100 kg)

Tire Diameter: 21 in (53cm)

Wheel Track Width: 24.5 in (62 cm)

Limited Warranty: 2 years

Flow range: @10 bar (Max 400-2000 lpm recommended)

Max. Reach: @ 10 bar 65 m

Max. fog angle: 120°

Size mm including nozzle: 510x350x220 mm

Inside pipe Ø 50mm

Weight in Kg incl. nozzle: 18,5 kg

Material Stainless 316

Power consumption normal/Max. (@24V) 5A/15A

Limited Warranty: 2 years

## MOVEABLE FOAM TANK

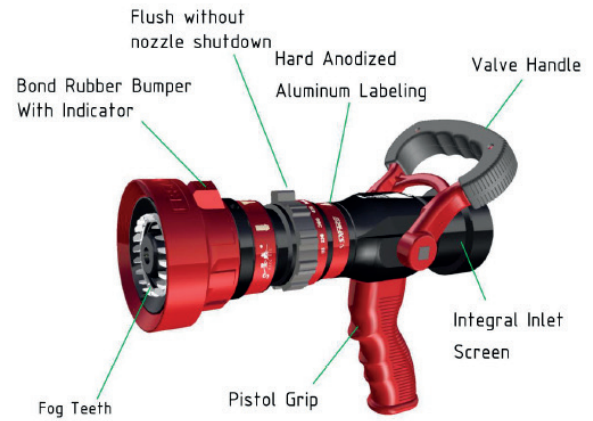


300L, 500L foam tank with two rolls 16bar 20m fire hose (dia.2.5') , with water nozzle



## SELECTABLE GALLONANE FIRE NOZZLE MANUAL

QLD6.0/8111-SK



### Features:

Pattern Identification

Hard Anodized Aluminum labels, Laser Engraved

Simple to operate (1/4 turn from straight stream to fog)

Raised lug marks straight stream for limited visibility operations

Easy to service & repair

CCC certificate

Compatible with Quick Attach Foam Tube

### Specification:

Weight (excl. coupling): 1.6 kg

Material body: aluminum

Material valve: ABS

Material handle: ABS

Material bumper: rubber

Work Pressure: 100PSI (7bar)

Max Pressure 360PSI (25 bar)

Max fog angle 120°

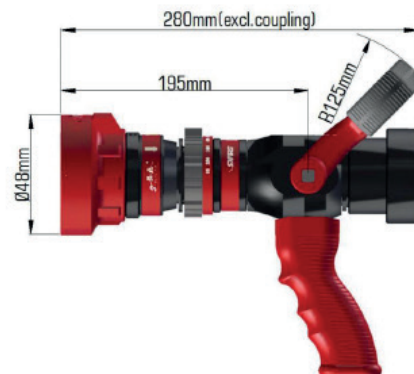
Throw range 40m @ 7bar

Flow range: 115 L/S @ 7bar - 230 L/S @ 7bar - 360 L/S @ 7bar

475 L/S @ 7bar - Flush

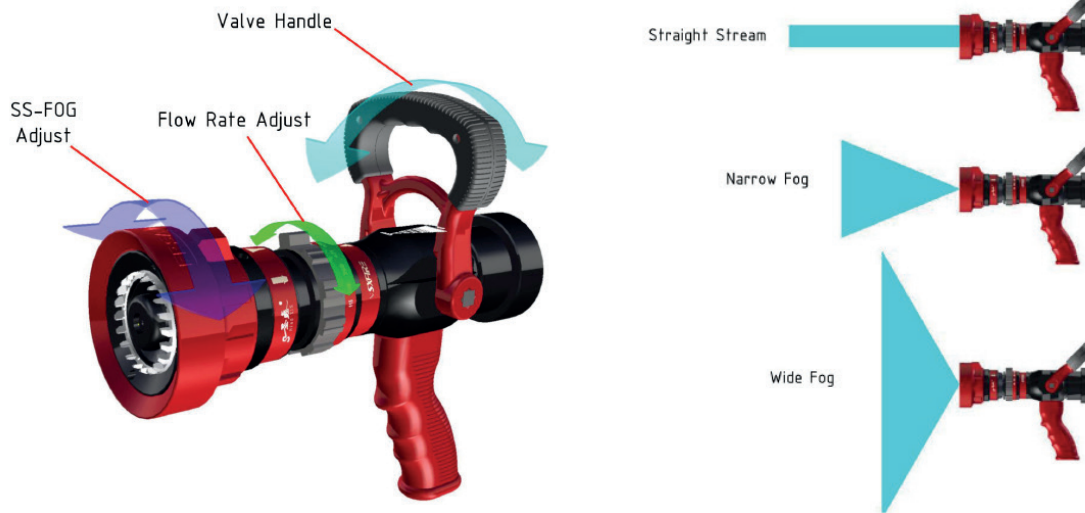
Inlet size: 1.5" (40mm)

Coupling: Storz / NH / BSP / Russian type etc.



## SELECTABLE GALLONANE FIRE NOZZLE MANUAL

QLD6.0/8111-SK



Operation:

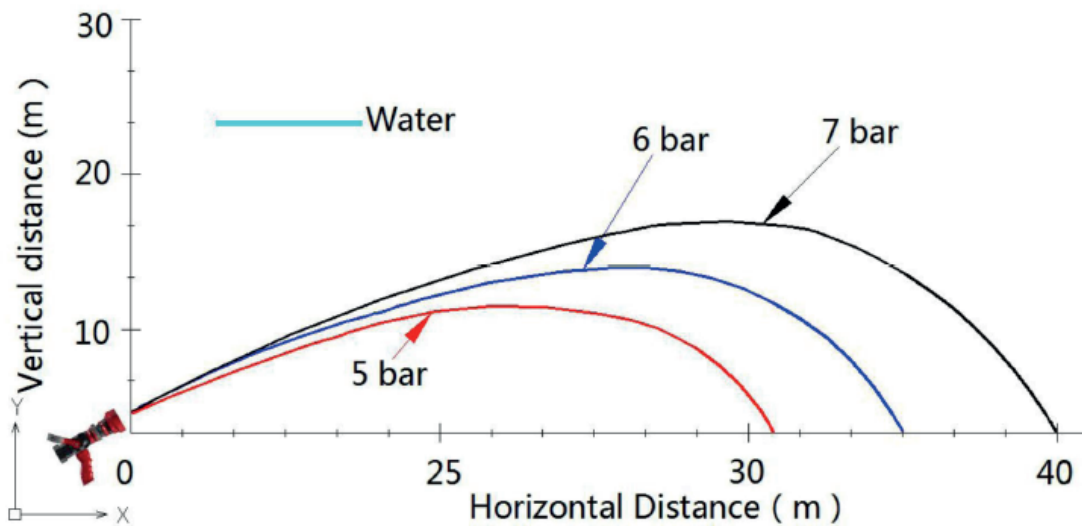
Valve Close: Push the handle forward

Valve Open: Pull the handle backward

Flow rate adjust: Twist the flow adjust ring to obtain required flow rate

SS-FOG Pattern : Twist the rubber bumper

Performance chart:



Testing Environment : 30° throw angle , wind speed  $\leq 2\text{m/s}$