

Model : **Redback** (SL-26HE)

- Construction : Aluminum ASTM 355.0
- Inlet size : ANSI #150, 4" F.F Flange
- Outlet size : 2-1/2" NH male
- Power : 220V AC or 24V DC

Water nozzle

- Model : SL-16JNEA
- Construction : aluminum black anodized
- Inlet size : 2-1/2" NH swivel female
- Flow : 1000 GPM @7 Bar
- Fog and straight stream
- Max. effective reach : 76 meters in jet @7 Bar



Nominal Operating Voltage		BASED ON DC 24V	
Motor Current	Elevation Motor	Nominal	Limit
		3.1 amps	5 amps
	Horizontal Motor	3.1 amps	5 amps
	Nozzle Motor	0.5 amps	1 amps
Recommended Circuit breaker size		7 amps	
Operating Temperature Range		-34°C to +50°C	
Environmental Rating		Weather Proof	

Description

Shilla Fire-Korea's R.C.M normally consists of monitor, nozzle, joystick controller and joint box. The joystick controller controls the vertical and horizontal movement of the monitor, fog/straight stream of the nozzle

Monitor

It can be flowed the water to the fire spot freely and is operated by electric power movement motor with remote-control as well as manual operation, so it may easily control the vertical or horizontal direction.

Nozzle

It is the nozzle to flow fog or straight stream to a long distance, and is operated by electric power motors or manual operation by man power.

Movement

Rotating : 340°

Vertical : + 85° ~ - 15°

Note :

Please note that it is designed a soft limit with the controller programming, and is NOT designed to operate by electric sensor. And also this system is designed including a forced stopper to turn off the monitor to avoid an unexpected problem of program, so that it may automatically stop the operation.

CAUTION

- If the monitor operates while exceeding the scope of limit for the vertical and horizontal movement, immediately stop the operation.
- If the scope of limit is needed to adjust, contact the manufacturer.
- Monitor should be installed after confirming the original state ("O" point), otherwise the monitor operates in wrong direction.

Joystick Controller : Option

Monitor movement – horizontal and vertical

Nozzle control – fog and straight stream

It contains the functions of monitor movement, nozzle work and open/close of valve (motor Operation Valve is optional) and it is normally located outside cabin seat



Joint Box

It is located in the middle way to connect the cable smoothly, and is normally located just near by the monitor.



Main Control Box

It contains the functions of monitor movement, nozzle works and open/close of valve (Motor Operation valve is optional) and it is located in the cabin seat

Monitor controls : vertical and horizontal movement

Nozzle controls : fog and straight stream

Power : on/off



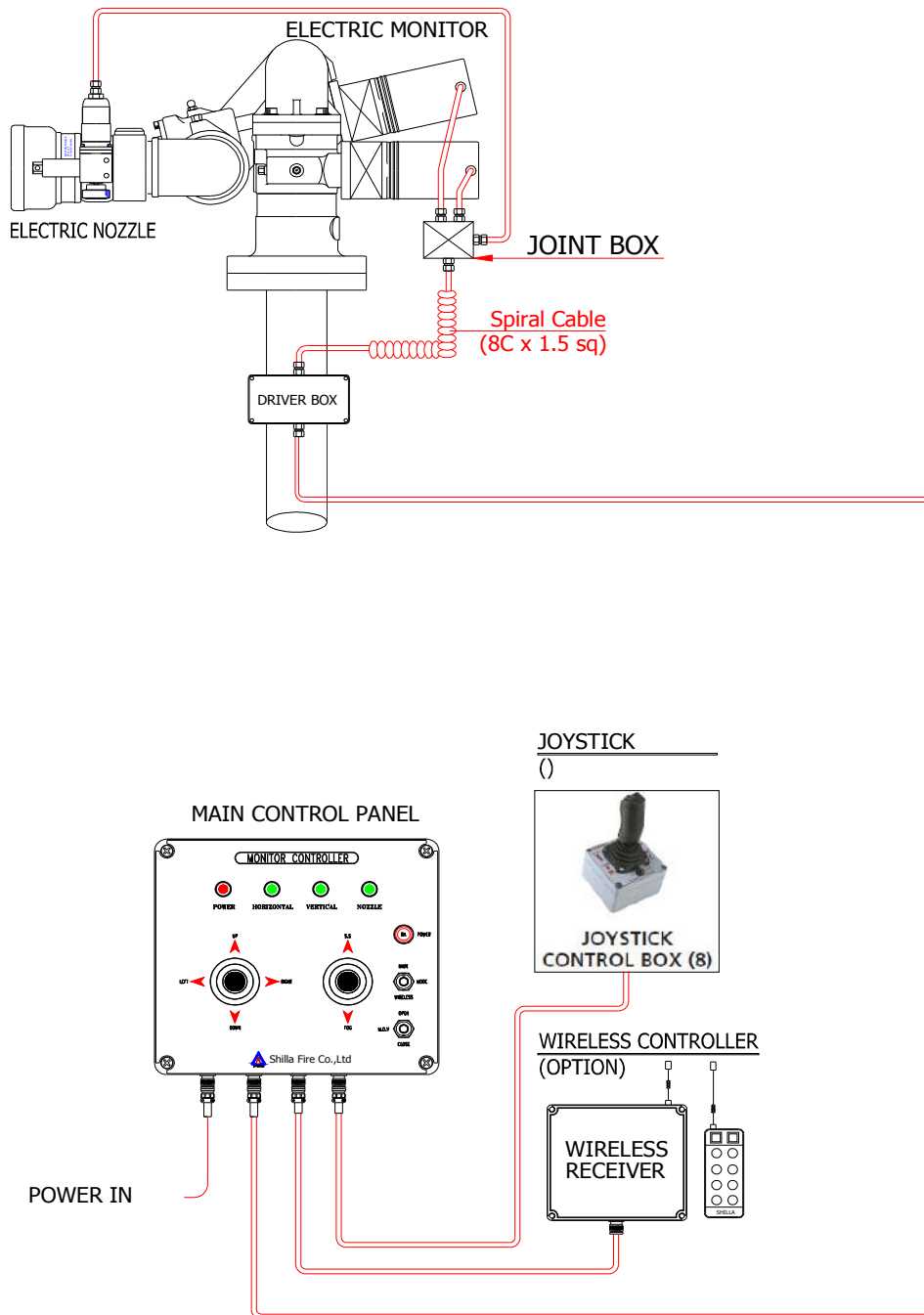
Water nozzle

- Model : SL-16JNEA
- Inlet size : 2-1/2" NH swivel female
- Flow : 1000 GPM @7Bar
- Fog and straight stream
- ASTM B210 construction, Black anodized.



Remote control Monitor

System Layout



Option : wireless receiver/controller