

# Monitors

## Commando Model 3651

### Electric Remote Controlled Monitor



### Description

The monitor is a stainless steel monitor with DC electric motor driven swivels for remote control. Swivel units are fully enclosed for long service life. Control motors are fitted with IP66 protective covers. The monitor can be used with Orion Model 6000RE and 8000RE fog nozzles, Orion Foam Lord model FLD2-65RE and FLD2-80RE nozzles and with FF-Series aspirated foam nozzles.

The Commando Model 3651 is available with 24 VDC motors.

This monitor features electronic limit stops that are field programmable without special tools.

This monitor is designed for the rough and high corrosion conditions.

This monitor has a wide range of control options and able to be customised for a wide range of applications.



## ORION FIRE ENGINEERING PTY LIMITED

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## Control Options

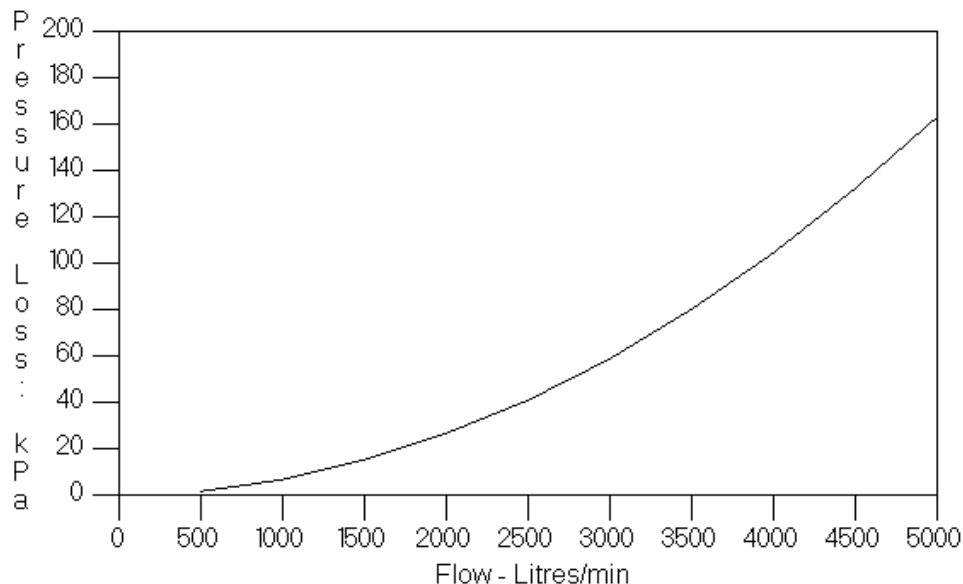
The Commando 3651 monitor can be directly joystick controlled as with standard monitors but it can also be connected via Ethernet, CAN network or RS-485 network for long distance remote control. The monitor can be readily set-up for access over the internet. The monitor configuration options can be accessed by a web interface using a web browser providing the user with an unprecedented ability to configure the monitor.

The monitor can be set up with to automatically oscillate between preset limits, to have a preset parking position when not in use or it may be trained to repeat an operators movements. With a computer interface the monitor position can be displayed.

This is a monitor with great flexibility and capability.

## Specifications

Maximum Recommended Flow:	4,500 lpm
Horizontal Rotation:	-250° to +250° (500 degrees total)
Vertical Movement:	150°
Inlet Connection	Flanged 80mm ANSI Class 150
Outlet Connection	65mm BSP Male
Motor Current (each) – normal	2 Amp
Motor Current (each) - maximum	4 Amp



**Friction Loss Curve**

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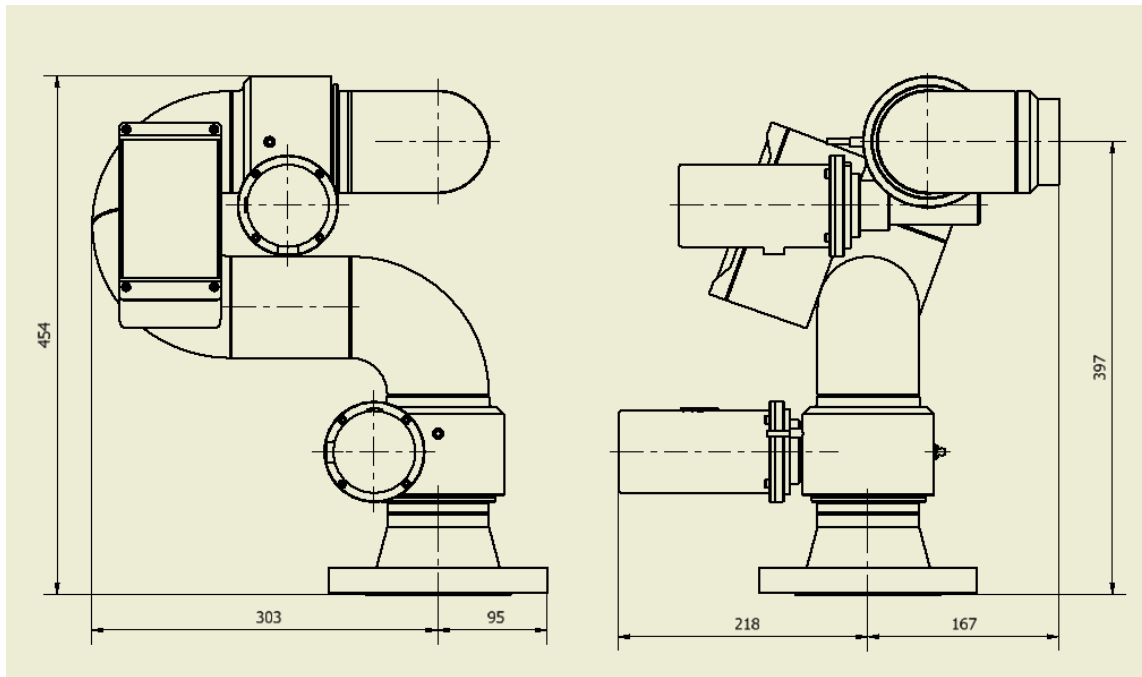
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## Materials of Construction

Waterway:	316L Stainless Steel
Swivels:	316L Stainless Steel
Inlet Flange:	316L Stainless Steel
Balls:	Brass
Grease Nipples:	316 Stainless Steel
Fasteners:	316 Stainless Steel
Motors Housing:	Brass

## Options

Outlet Connection:	65mm BSP Male as Standard, 80mm BSP for high performance
Inlet Flange:	3" or 4" ANSI #150 raised face other flanges are available upon request.
Controls:	Panel mount joystick units, Handheld pendant controllers,

## Commando 3651 Models

Part Number	Description
	<b>Enamel Paint</b>
14514	Commando 3651 24V 80mm ANSI inlet 65mm BSP outlet
13218	Commando 3651 24V 100mm ANSI inlet 100mm BSP outlet

Marine paint finish is also available.

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