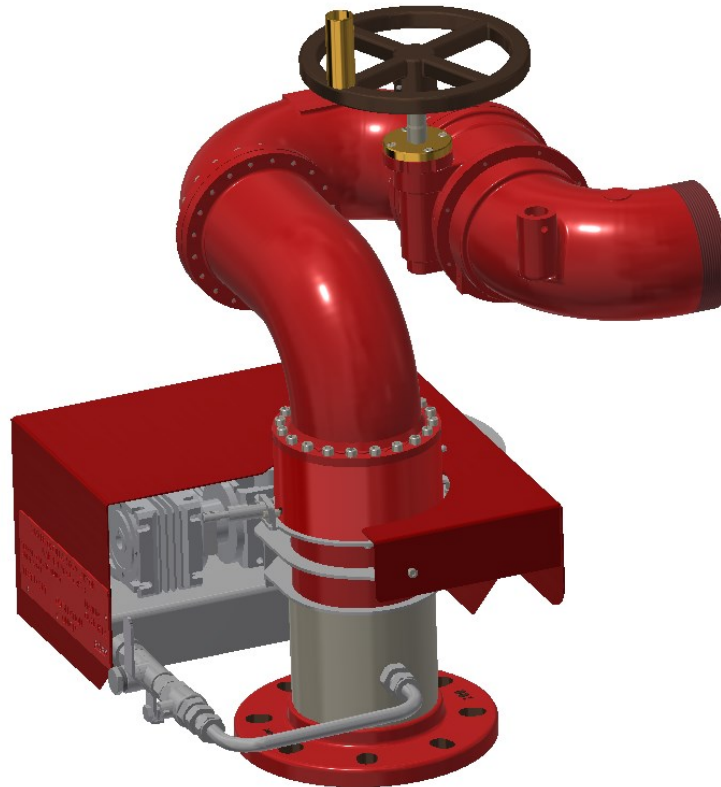


Monitors

Water Oscillating Warden Model 4A74



Description

The Warden model 4A74 is a 100mm water oscillating monitor designed specifically for offshore applications. It is based on our Series 3 WARDEN water way. The Model 4A74 has a handwheel operated elevation control and a Pelton turbine oscillating unit.

With the exception of the gearbox, all metal components which are exposed to water / foam solution or the atmosphere are made from stainless steel, brass/bronze. The arc of movement is 120 degrees (maximum) and is fully adjustable down to 30 degrees. The movement speed is also adjustable. It uses a commercial cast aluminium gearbox.

The operating pressure range for these units is 400 kPa to 1,500 kPa. The maximum recommended flow is 7,500 lpm.

Waste water discharge is controlled and may be directed away using a 50mm hose.

This is an industrial grade monitor, for relatively low corrosion environments.

ORION FIRE ENGINEERING PTY LIMITED

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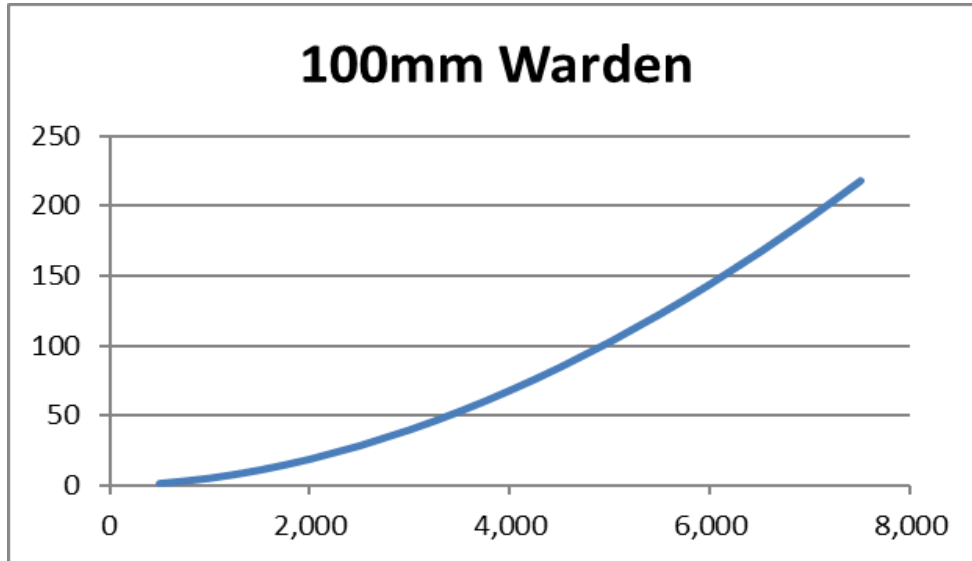
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Specifications

Height:	615mm
Width:	530mm
Depth:	670mm including fog nozzle
Nozzle Height:	400mm

Performance Data



Operating Pressures:	400 kPa - 1,200 kPa
Hydrostatic Test Pressure:	2,400 kPa
Flow Range:	up to 7,500 lpm
Elevation Adjustment:	-60° to +60° (standard)
Horizontal Sweep:	Adjustable from 30° to 120° (auto) 360 degrees on manual
Oscillating Speed:	Adjustable, 8 cycles/minute max
Oscillating Unit Water Consumption:	60 litres per minute (approx.)
Inlet Flange:	4" ANSI #150 FF
Outlet Connection:	100mm BSP Male
Weight:	63 kg (excluding nozzle)

Materials of Construction

Component	Material
Monitor water way	Bronze (LG2, C83600)
Inlet flange	316SS (RF) or Bronze (LG2, C83600) (FF)
Turbine impeller	Bronze
Nozzle	Bronze (LG2, C83600)
Turbine water supply	Stainless steel 316
Valves	Stainless steel 316
Gearbox	Bronze & stainless steel
Cover	Stainless steel

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