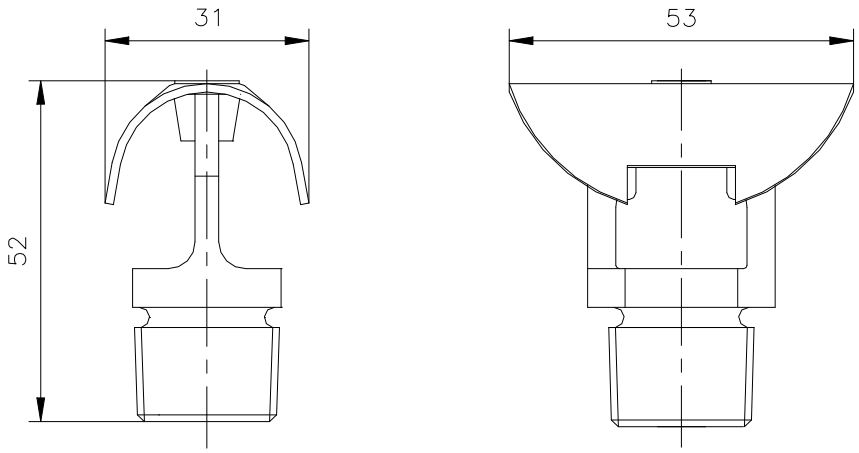
GW CABLE TRAY NOZZLE

GW SPRINKLER A/S



TECHNICAL SPECIFICATION

Nominal Bore:	5.0mm
K Factor:	12.5 (metric)
Weight:	90g (Brass)
Thread:	½" BSPT (NPT also available)
Maximum Working Pressure:	3.5 Bar
Minimum Working Pressure:	1.25 Bar

The GW cable tray nozzle delivers waterspray over a closely defined area of cable tray or pipe run. The average density provided is in excess of 6.1 l/min/m^2 (NFPA 15 standard for extinguishment) with minimal wastage. This is achieved over a 0.56m tray width at a minimum pressure of 1.25bar. The nozzle should be mounted to discharge at 130mm above the protected surface with a maximum nozzle spacing along the run of 3.05m. A medium velocity spray will be obtained up to a maximum pressure of 3.5 bar.

The nozzle must be installed in the upright position with the long axis of the deflector in line with the cable tray or pipe run.

The distribution pattern shown overleaf is achieved using two nozzles placed at a height of 130mm above the test receivers. Each nozzle will cover approximately 1.75m^2 at 1.25 bar inlet pressure.

The cable tray nozzle is manufactured in brass with a natural finish as standard. For increased corrosion resistance in harsh environments, e.g. salt spray atmosphere, chemical plants, offshore applications, etc., the nozzle is available in SS316 and SMO254 or plated with nickel ENP 17µm,

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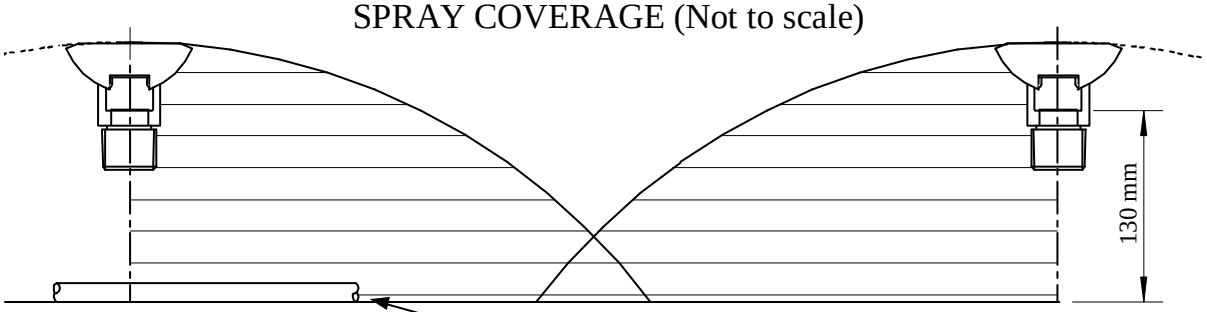
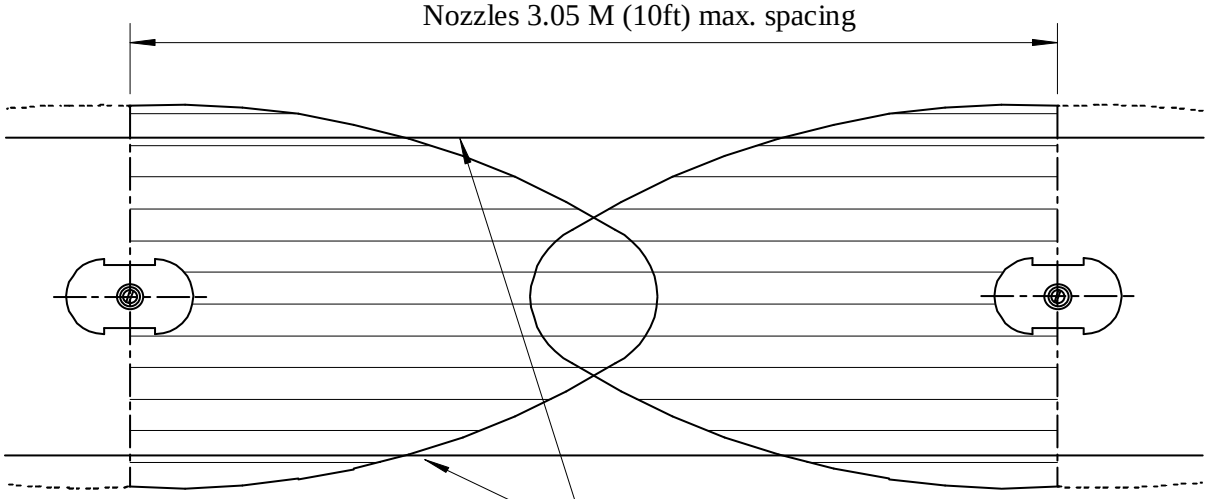
SPRAY COVERAGE (Not to scale)



SECTION - DISTRIBUTION

Cable / pipe

Nozzles 3.05 M (10ft) max. spacing



PLAN - DISTRIBUTION

Cable tray / pipe run 0.56 M (22") max. width

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