Material | Brass (standard)
---|---
Weight (brass) | 450g
Alternative materials | SS316, 254SMO, Ni.Al.Brz., Titanium
Thread | 1” NPT male (20mm long)
K-factor (metric) | 98 ± 5%
K-factor (imperial) | 6.8 ± 5%
Working pressure
| minimum 3 bar (43 psi)
| maximum 12 bar (175 psi)
Recommended pressure | 5 to 7 bar (73 to 102 psi)
Spray angle | 360° (full circle) x 15° forward (hollow cone)
Spray type | Flat radial spray – water curtain
Typical mounting pos. | Horizontally (for vertical w.curtain)
Coverage vertical up. | 3,5 – 4,0m (wind still indoor test)
Coverage horizontal | 5 – 6 m (radius) (wind still indoor test)
Spacing, recommended | max. 4 m.
Nozzle strainer | Not standard (optional on request)

**Application:**

The **GW Fyrhed WC360** nozzle is developed to provide a dense full circle flat water spray (curtain) to protect persons or structures from open fire heat radiation. Examples are escape routes, flare / burner areas on oil rigs, etc.

**Installation:**

The **GW Fyrhed WC360** nozzle is normally installed in the horizontal position directed towards the heat source. It can be operated in the pressure range of 3 to 12 bar – a working pressure of 5 to 7 bar is recommended to obtain optimum droplet size and spray robustness.
GW Fyrhed Water Curtain 360 installed on oil rig to protect steel structure against heat radiation from burner / flare.