

# Medium Velocity Nozzle

## INTRODUCTION

The Medium Velocity waterspray Nozzle is an open (non-automatic) nozzle, designed to produce a solid cone of water. The deflector plate will discharge a uniform filled cone of medium velocity water droplets.

## TECHNICAL DATA

- Maximum working pressure : 20 Bar
- Maximum pressure test pressure : 30 Bar
- Design pressure : 1,4 to 4,1 Bar

## MATERIAL

- Titanium Approved Titanium gr2 According to M650
- SS316 Stainless steel type : SS316
- Duplex Duplex steel
- Super Duplex Super Duplex steel
- LG2 Bronze LG2
- NiAlBr Nickel Aluminum Bronze





## ◀ Medium Velocity Nozzle

### INSTALLATION & MAINTENANCE

The nozzle must be unpacked and handled carefully to not be damaged before installation. Nozzle which is visibly damaged should not be installed. Use sealant application as required according to the Nozzle thread designation and use ordinary handbook for correct torque according to dimensions and material or on-site regulations required by local authorities. The nozzles must be appropriately installed in to the Pipe fitting. If available, we suggest using the Fireproducts Nozzle Wrench FP-N-MV1-W to prevent any damage. Excessive tightening torque may result into serious damage to the nozzle and the deflector, which may affect spray pattern of the nozzle and its performance if the installation is not preformed correctly. The Nozzle must not be in any way contaminated with Any form of residue or particles before installation That may cause blockage or damage to the Nozzle. The owner is solely responsible for maintaining the water spray system and the components so that it performs properly when required.

### RECOMMENDED WORKING PRESSURE

Min. 1,4 Bar // 20 PSI Max 4,1Bar // 60 PSI



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### ORDERING INFORMATION

The ordering code is built up according to the following:

FP-N-MV1-01-02-03-04-05

- FP Fireproducts
- N Main category : Nozzle
- MV1 Medium Velocity

#### 01 K-FACTOR (METRIC)

- 23
- 32
- 41
- 63
- 78
- Other K-factor upon request

#### 02 SPRAY ANGLE

- 60
- 90
- 100
- 120
- Other spray angle upon request

#### 03 MATERIAL

- TI Titanium gr2
- SS316 Stainless steel type SS316
- DU Duplex steel
- SD Super Duplex steel
- LG2 Bronze
- NiAlBr Nickel Aluminum Bronze

#### 04 CONNECTION TYPE

- 1/2"NPTM Thread NPTM
- 1/2"BSPT Thread BSPT

#### 05 OPTION

(Can choose multiple options)

- CC Painted according to color code list
- NO Material according to Norsok M650

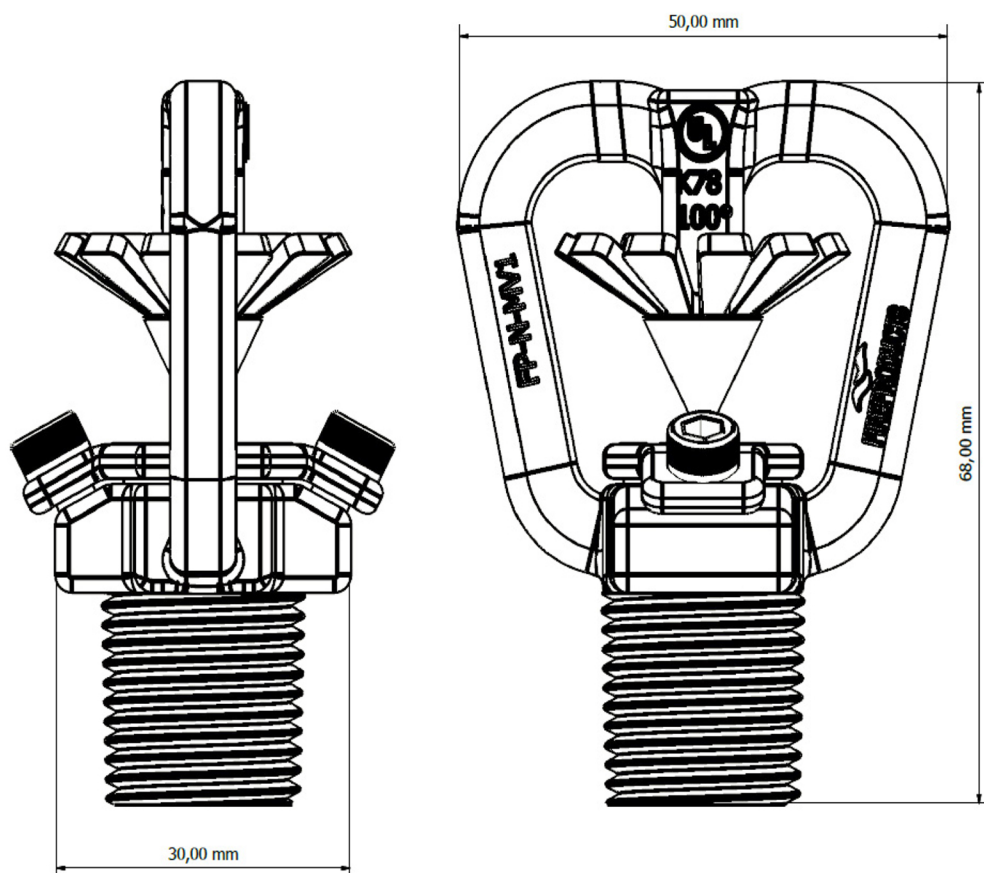


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## ◀ Medium Velocity Nozzle

### TECHNICAL DRAWINGS



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