

REACTON ACCESSORIES

WET CHEMICAL NOZZLES - RE7098 - RE7099

COMPONENT DATASHEET

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Product Overview

Reacton® recommends the use of precision engineered, specifically designed nozzles. The Reacton® Nozzle range control and distribute the agent in a uniform, predetermined pattern and rate.

All Nozzles are machined from stainless steel and specifically designed to give the best dispersion of extinguishing agent suiting the flow characteristics of the medium.

Key Features

- Designed and Tested specifically for the Fire Suppression Industry
- High Quality Stainless Steel
- Suitable with copper, brass, steel and aluminium pipework or hoses
- GAS, ISO 228 (BSP)

Common Applications

- Heavy Duty Mobile Vehicles
- Buses and Coaches
- Power Generators
- Sports Racing Cars or Boats
- Commercial Boats & Yachts

Reacton System Compatibility

- Reacton's Wet Chemical Agent Range

**MADE IN
BRITAIN**



Mechanical Data

Material:	Stainless Steel 303
Finish:	Machined Stainless Steel
Marking:	Part Number; Lot Number, Logo & Spray Pattern
Weight:	0.048kg
Electrical Connections:	N/A

Functional & Environmental Data

Operating Pressure:	15.0 or 25.0 barg @ 20°C [217.5 or 362.6 psig @ 68°F]
Operating Temperature:	-20°C to +60°C [-4°F* to + 140°F]
Operations Cycles:	Unlimited
Life Cycle:	10 Years
Standard:	All Threads GAS, cylindrical ISO 228 (BSPP)
Flow Rate:	3.78 lpm @ 3bar 8.27 lpm @ 15 bar 10.68 lpm @ 25 bar

Performance Data

Vibration Resistance:	ISO 16750-3:2007 Test VII (96 hours @ 10-2000Hz)
Shock Resistance:	ISO 16750-3:2007 4.2.2.2 (Additional 5000 shocks @ 10g)
Thermal Resistance:	ISO 16750-3:2007 4.1.1
Corrosion Resistance:	ISO 21207 & ASTM B117
Discharge Profile:	Please consult relevant Design, Installation, Operating & Maintenance Manual

Doc Number: DOC-COM0026

Released Date: 19 JULY 2019

Reacton Fire Suppression Ltd

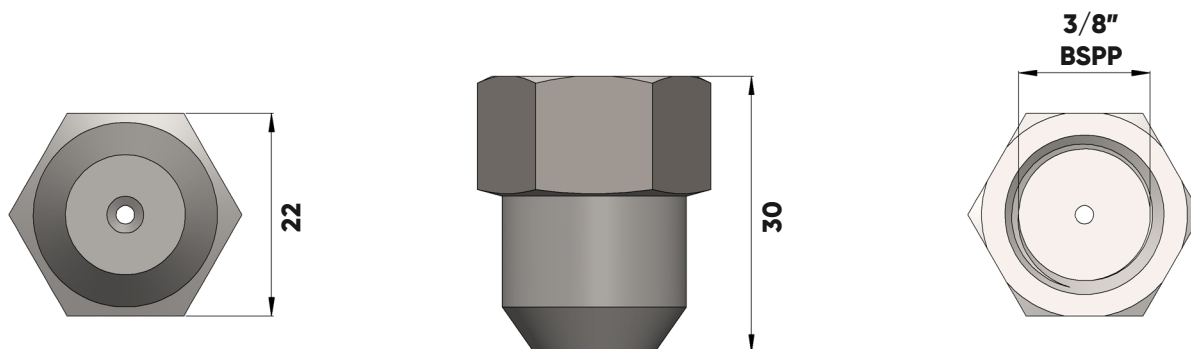
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FIRE SUPPRESSION

Dimensions



*All dimensions in mm. Tolerance is $\pm 0.50\text{mm}$ on the dimensions above.

Principle of Operation / Purpose of use



The Reacton® Nozzle range control and distribute the agent in a uniform, predetermined pattern and rate. All the Reacton® Nozzles can be used with or without the Component brackets. For optimum performance Reacton recommends to always fit 3/8" Hoses with the 3/8" fittings and adaptors. Please choose accordingly to the correct fittings and combination of pipework for use, it is highly recommended reading Reacton's installation manual.

Design Considerations

Please read the Reacton® installation manual for the equivalent Fire Suppression System you are installing for more details.

Warranty Validity & Precautions

The warranty is invalidated if the system or part is used under conditions other than those indicated in this datasheet or/and the product has been custom modified.

Stresses above the maximum limits indicated may cause permanent damage to the part or system. Exposure to absolute maximum rating conditions for extended periods may affect reliability that could compromise the system integrity and lead to loss of asset, serious injury or death.

Whilst Reacton® has taken care to ensure the accuracy of the information contained herein it accepts no responsibility for the consequences of any use thereof and reserves the right to change the specification of goods without notice.

Wet Chemical Nozzle Range

Part Number	Description
RE7098	FC120 - 3/8" BSPP - 120° Wet Chemical Nozzle
RE7099	FC60 - 3/8" BSPP - 60° Wet Chemical Nozzle

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