



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
- Comply with ISO 228 (BSPP)

Common Applications

- Electrical Cabinets
- Control Panels
- Data Racks
- Sports Racing Cars or Boats
- Commercial Boats & Yachts

Reacton Cylinder Compatibility

- FM-200® (HFC-227ea)
- 3M™ Novec™ 1230 Fire Protection Fluid (FK-5-1-12)

REACTON
FIRE SUPPRESSION



Mechanical Data

Material:	Stainless Steel 303
Finish:	Machined Stainless Steel
Marking:	Part Number; Lot Number
Weight:	0.035kg
Electrical Connections:	N/A
Mechanical Connections:	3/8" BSPP

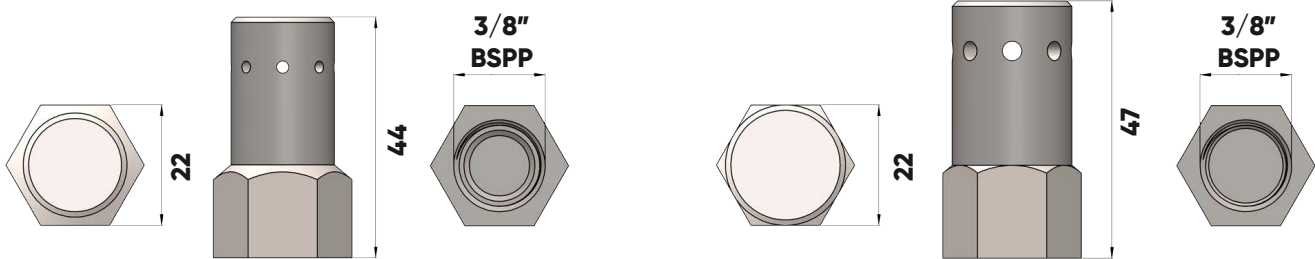
Functional & Environmental Data

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 cylindrical ISO 228 (BSPP)
Notes:	Pipe area must be at least 20% greater than nozzle orifice area

Performance Data

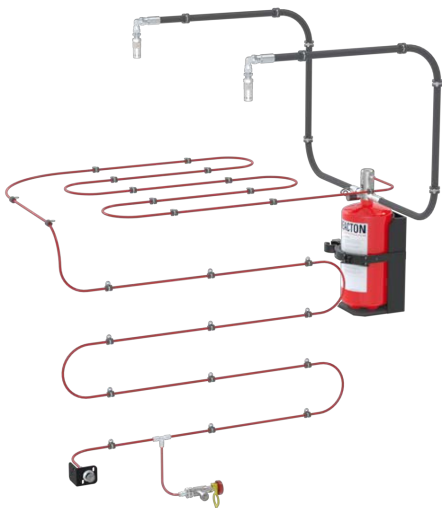
Discharge Time:	Please consult with Technical Manual
Flow Rate:	Please consult with Technical Manual
Coverage:	Please consult with Technical Manual

Dimensions



*All dimensions in mm. Tolerance is ±0.50mm 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. Equally the Clean Agent nozzles can also be used with the 8mm pipework and if needed with the 3/8" adaptors. Please choose accordingly the correct fittings and combination of pipework for use, it is highly recommended to read 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.

Clean Agent Nozzle Range	
Part Number	Description
RE7115	3/8" BSPP - 1kg-2kg System Clean Agent Nozzle
RE7116	3/8" BSPP - 3kg-4kg System Clean Agent Nozzle