

## REACTON ACCESSORIES

### 15bar NITROGEN CHARGING KIT - RE6415

#### COMPONENT DATASHEET

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#### Product Overview

The Reacton® Nitrogen Charge Adaptor is specifically designed to allow easy pressurisation of the Reacton® Detection Tube on either CT Direct or CTX Indirect systems. Quick couplings with non-return function and mini ball valves ensure that the process is safe and efficient.

#### Key Features

- 2 x 18g Nitrogen Cartridges
- 3.0m of Reacton® R108 Detection Tube
- Integrated Ball Valve
- Integrated Quick Coupling with non-return function
- QR Twinseal connections

#### Common Applications

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

#### Reacton Cylinder Compatibility

- Dry Powder
- Wet Chemical
- Clean Agent
- Water
- Inert Gas



#### Mechanical Data

<b>Material:</b>	Charging Connector: Nickel Plated Brass Quick Coupling & Mini Ball Valve: Nickel Plated Brass
<b>Finish:</b>	Natural / Machined
<b>Marking:</b>	None
<b>Weight:</b>	0.34kg
<b>Electrical Connections:</b>	N/A
<b>Mechanical Connections:</b>	M10 x 1 1/8" BSPP (Twinseal Connection) Quick Coupling Connection

#### Functional & Environmental Data

<b>Stored Pressure of Cartridge:</b>	186.2 barg @ 20°C [2700 psig @ 68°F]
<b>Regulated Pressure:</b>	15.0 barg @ 20°C [217.5 psig @ 68°F]
<b>Operating Temperature:</b>	-40°C* to +60°C [-40°F* to +140°F]
<b>Operation Cycles:</b>	100
<b>Life Cycle:</b>	10 Years
<b>Commissioning Connection:</b>	M10 x 1
<b>Nitrogen Connection:</b>	1/8" BSPP
<b>Fitting Torque:</b>	3-12 Nm
<b>Medium Compatibility:</b>	Dry Nitrogen Only

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FIRE SUPPRESSION

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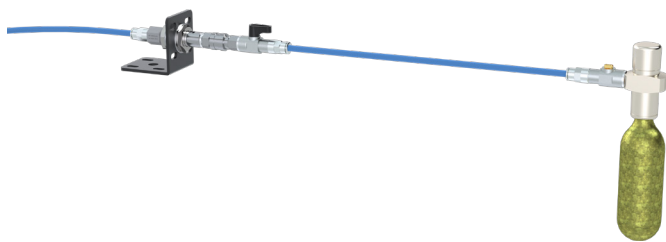
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##### Dimensions



\*All dimensions in mm. The configuration shown in the above Figure is standard.

##### Principle of Operation / Purpose of use



To solely be used for pressurising Reacton Fire Suppression Systems via the compatible End of Line (EOL) or Commissioning Point.

##### Design Considerations

Please read Reacton® Installation and Servicing Manual for more details before attempting to carry out the charging process.

##### Typical Performance Data

Each 18.0g Nitrogen cartridge can pressurise approximately 30.0m of 6/4 detection tube.

##### Compatibility List

Reacton® CT Direct & CTX Indirect Systems where correct End of Line (EOL) or Commissioning Points are installed.

##### 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.

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