



## FIRERASER® REMOTE MANUAL ACTUATION KIT



### DESCRIPTION

The Fireraser Remote Manual Actuation Kit (P/N 70-203 ) provides a means for manually actuating the Fireraser system without having to be near the clean agent container to do so. This type of actuation is used when automatic actuation is not desired, and allows the actuator to be placed in a convenient, readily accessible location.

The remote manual actuator must be installed within 100 feet (30 meters) of the clean agent container. It is connected to the container using 1/4" stainless steel tubing (not included) and/or the supplied braided steel hose. Up to 30 clean agent containers can be actuated by a single nitrogen actuator, as long as the total amount of nitrogen tubing does not exceed the 100 foot (30 meter) limit.

The actuator also comes equipped with a pressure gauge/switch assembly, which provides a visual indication of the nitrogen pressure, as well as control-panel monitoring of the nitrogen pressure (if used with a control panel).

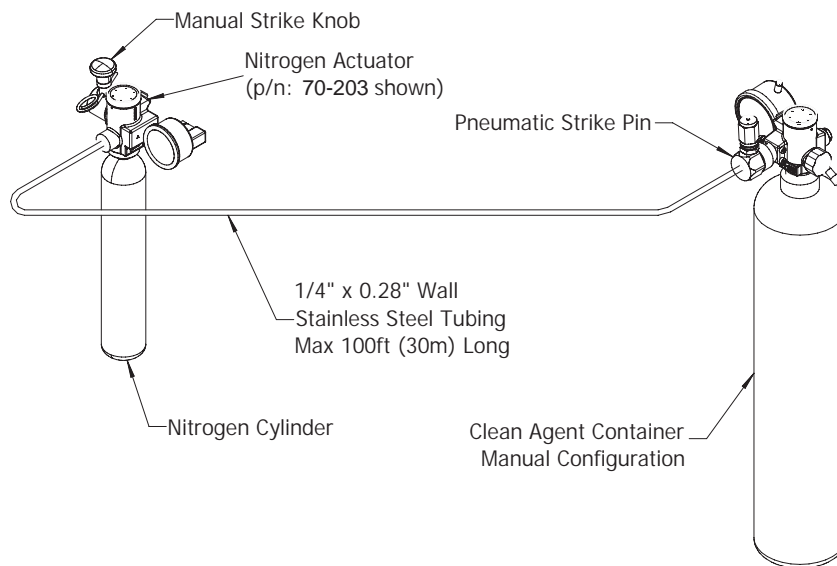
### OPERATION

The remote manual actuator opens the clean agent container valve using nitrogen pressure. When the safety pin (P/N C02-1027) is removed, the actuator strike knob can be pushed down, releasing nitrogen through the discharge hose and/or stainless steel tubing. The nitrogen pressure actuates the pneumatic strike pin which opens the clean agent container valve, releasing the clean agent into the protected space.

Once actuated, the nitrogen cylinder must be recharged. Refer to Fike Actuator Recharge manual, P/N 06-321 for instructions.

### APPROVALS

- UL Ex 4623
- FM Approved - 3024056
- DOT Compliant



Form No. M.1.06.01

## SPECIFICATIONS

### Pressure Switch Specifications:

Temperature Limits:	-40 to +60°C (-40°F to +140°F)
Housing Classification:	IP65
Contact Rating:	Normally closed at >120 bar (1740 psi).
Contacts rated at 5-100mA	
Electrical Connection:	DIN 43650 Compact (Hirshmann) supplied
with 0.3m cable	
Pressure Setting:	120 bar (decreasing) (1740 psi)

### Nitrogen Cylinder Specifications:

Filling Pressure:	124 bar @ 22°C (1798 psi)
Volume:	460ml (28 cubic inches)
Maximum Exposure Temperature:	55°C (131°F)
Classification:	2.2
Shipping Number:	UN1066

