Fike® Corporation

PNEUMATIC TIME DELAY

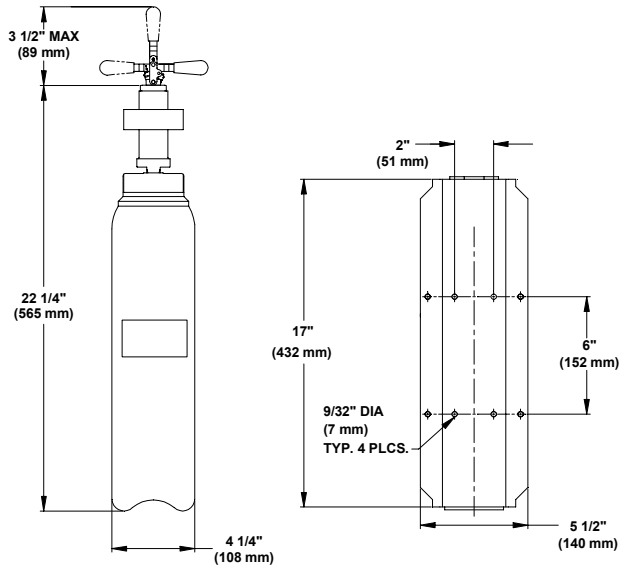
CATALOG NUMBER C.1.32.01

Architect and Engineer Specification

Marine Suppression System

P/N C70-235 (30 sec. delay)
P/N C70-237 (60 sec. delay)

UL - Ex 4447
ULC - CEx 1312
FM - 3002238
USCG - 162.161/2/0 (HFC-227ea)
USCG - 162.038/12/0 (CO_2)



DESCRIPTION

The pneumatic time delay delays the discharge of CO_2 for a predetermined amount of time. This extra time allows personnel to get out of the discharge area. It also allows additional time for ventilation and equipment shutdown.

The time delay is installed between the master CO_2 cylinders and the discharge nozzles. The time delay has an inlet port and an outlet port, both with a ¾" NPT connection. The actual time delay period is pre-set at the factory. Fike offers both 30 and 60 second time delays.

The time delay will operate at temperatures from 0 to 130° F. Note: Delay times will vary slightly with the ambient temperature.

The time delay is equipped with a manual override lever. This lever allows the time delay to be bypassed and allows the CO_2 to discharge immediately.

INSTALLATION

The pneumatic time delay is installed onto the discharge piping of the manifold. The valve body has a 3/4" NPT (20mm) threaded inlet and outlet for the piping connection. It is recommended that a union be placed on either side of the time delay for ease of removal.

In a CO_2 system the pneumatic time delay must be placed after the Master cylinder(s) and before the slave cylinder(s) connection(s) in the manifold. Refer to the typical arrangement drawings for installation configuration.

SPECIFICATIONS

Dimensions: 5 1/2" x 5 7/8" x 23 3/8"
(139.7 x 149.2 x 593.7 mm)

Materials: Time Delay - Brass
Override lever - Stainless Steel
Paint - Red gloss enamel

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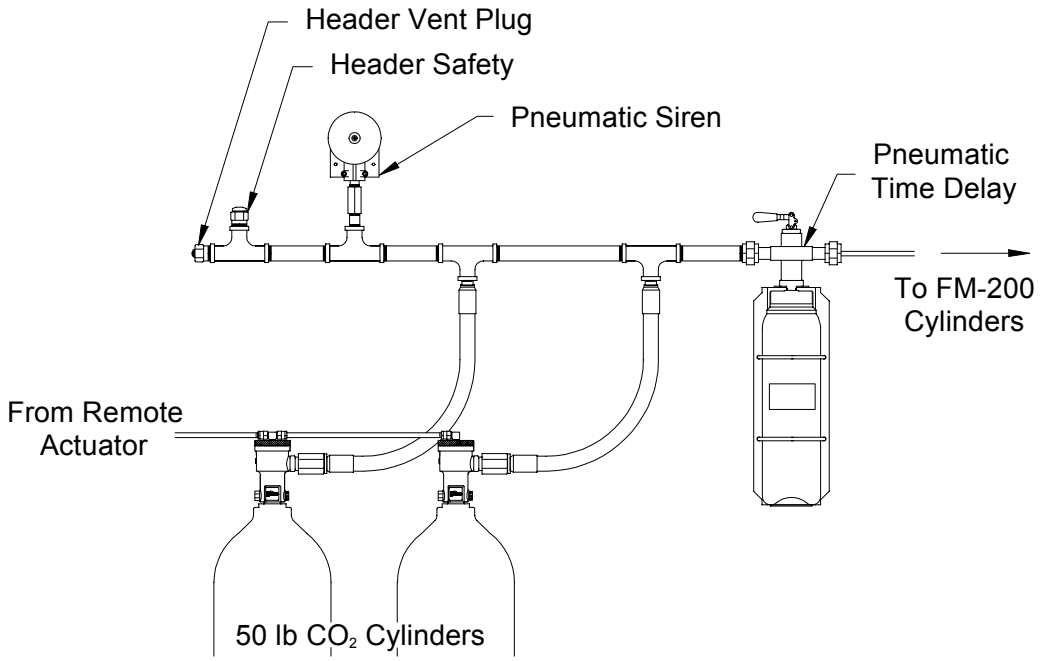
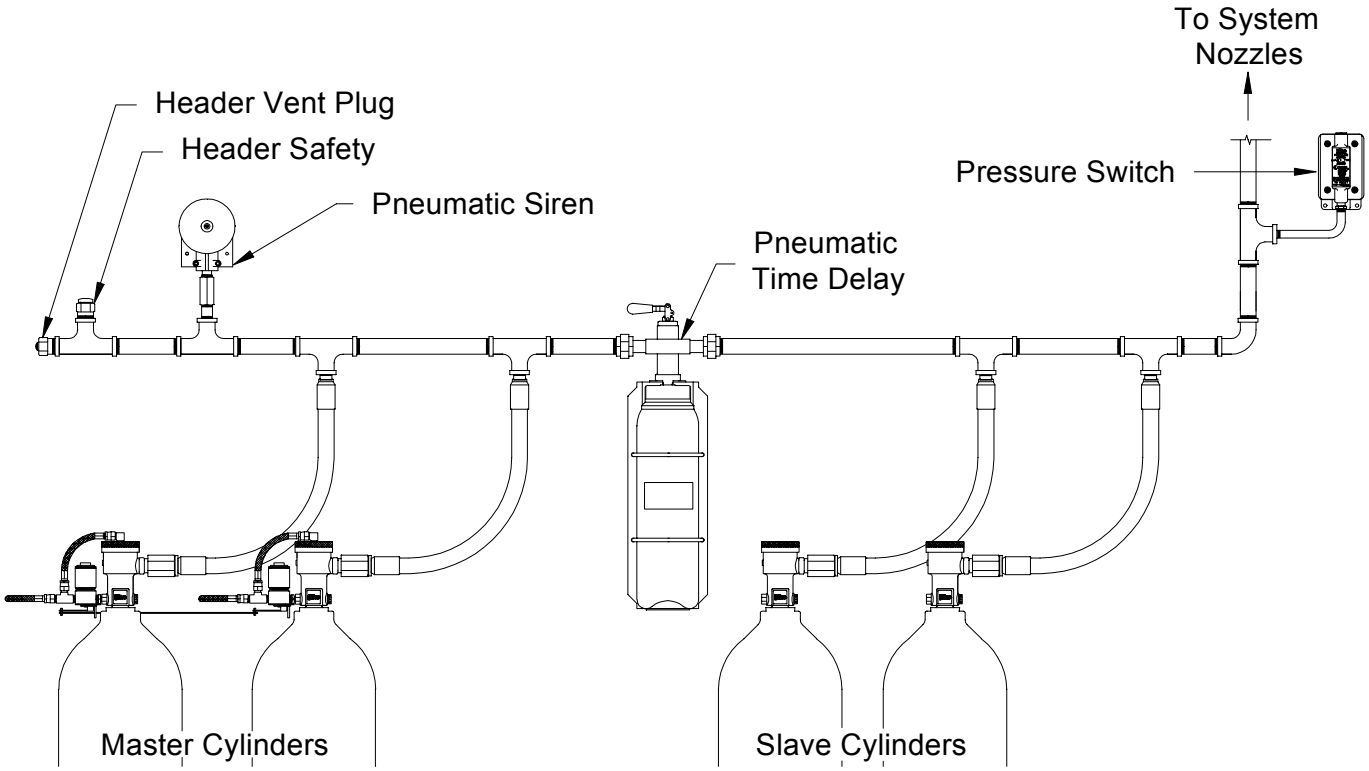


Typical Arrangement
Marine HFC-227ea System



Typical Arrangement
Carbon Dioxide System

Form No. C.1.32.01-1 / previously 1171