

MANUAL ACTUATOR
(Part No. 570549)

The manual actuator operates the system’s master container. The actuator may be fitted to the top of the valve assembly or electrical actuator. A safety clip prevents inadvertent operation which is removed before activation.

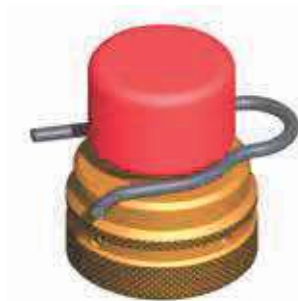


FIGURE 2-16
MANUAL ACTUATOR
E001695

Location on system

The manual actuator connects to the top of the container discharge valve or on top of the electrical actuator. **Note:** Per NFPA 2001, discharge pressure switch must be utilized if using manual actuation (NFPA 2001).

Technical information

Body:	Brass CZ121 (CW614N)
Knob:	PVC (color - red)
Safety pin:	Stainless steel 303
Actuator pin:	Brass CZ121 (CW614N)
Minimum actuation force:	25.5 N (5.73 lbf)
Vent area:	31.77 mm ² (0.049 in. ²)
Stroke:	6 mm (0.24 in.)
Minimum duration of actuation force:	1 s
Weight:	0.26 kg (0.58 lb)
Working temperature range:	-20 °C to 50 °C (-4 °F to 122 °F) (CE)
	-18 °C to 54 °C (0 °F to 130 °F) (UL and FM)
Testing of actuator:	Possible
Approvals and listings:	UL, FM, and CE
Certification:	EN 12094-4
CE certification number:	0832-CPD-2039 0832-CPR-S0072 2831-CPR-S0072
Year of CE marking:	2008
CE marking requirements:	Manufacturer’s mark, part number, serial number, CE ₀₈₃₂ or CE ₂₈₃₁
Method of marking:	Laser or engraved
Overall size:	52 mm (L) x 41.5 mm (Dia) (2.05 in. (L) x 1.63 in. (Dia))

PNEUMATIC ACTUATOR
(Part No. 570550)

The pneumatic actuator operates the subordinate system container. The actuator may be fitted to the top of the valve assembly or electrical actuator. Pressure from a master container, AUTOMAN II-C release, or pilot container actuates the valve.



FIGURE 2-17
PNEUMATIC ACTUATOR
E001696

Location on system

The pneumatic actuator connects to the top of the container discharge valve, for subordinate containers.

Technical information

Body:	Brass CZ121 (CW614N)
Actuator pin:	Brass CZ121 (CW614N)
Pipe connection:	1/4 in. NPT Female
Maximum working pressure:	120 bar (1740 psi)
Test pressure:	180 bar (2610 psi)
Vent area:	31.77 mm ² (0.049 in. ²)
Stroke:	3.7 mm (0.15 in.)
Minimum trigger pressure:	5.2 bar (75.4 psi)
Nominal trigger pressure:	Dependent on actuation source (Master or AUTOMAN II-C)
Maximum trigger pressure:	120 bar (1740 psi)
Minimum duration of trigger pressure:	1 s
Weight:	0.23 kg (0.50 lb)
Working temperature range:	-20 °C to 50 °C (-4 °F to 122 °F) (CE)
	-18 °C to 54 °C (0 °F to 130 °F) (UL and FM)
Testing of actuator:	Possible
Approvals and listings:	UL, FM, and CE
Certification:	EN 12094-4
CE certification number:	0832-CPD-2039 0832-CPR-S0072 2831-CPR-S0072
Year of CE marking:	2008
CE marking requirements:	Manufacturer’s mark, part number, serial number, WP-120 bar, CE ₀₈₃₂ or CE ₂₈₃₁
Method of marking:	Laser or engraved
Overall size:	48.0 mm (L) x 41.5 mm (Dia) (1.89 in. (L) x 1.63 in. (Dia))