



Piping

Water inlet and drain connections are located on the lower left and right side of the valve enclosure. The unused inlet is left plugged. The outlet connection is on the top surface of the valve enclosure, behind the electrical enclosure. Grooved pipe is used for the inlet and outlet connections.

Detection & Control Panel

Optional control panels allow for a choice between three different brands of fully programmable and networkable addressable systems. All necessary internal wiring connections are factory-assembled and tested.

Wiring

Power for the control panel is factory-connected to come from the same 115 VAC 60 Hz single-phase source as the built-in compressor, or jumpers may be removed to permit two (2) separate power sources to be used. External wiring is brought to a terminal strip in the electrical enclosure. No access to the inside of the valve enclosure is necessary to complete the wiring installation. All necessary internal wiring for waterflow, tamper, and supervisory switches, plus solenoid activation, is factory-installed and tested.

Options (refer to Ordering Information)

- Choice of preaction valve size (1-1/2 inch through 6 inch available)
- Choice of compressor size - Refer to **Table B**
- Choice of control panel (3 addressable panels available)
- Installed **FM Approved** Model NAMD-1 pressure maintenance device, making the assembly ready for external supervisory pressure source
- Integrated nitrogen-based corrosion inhibiting system (refer to Data Sheet UFS-110B)

Specifications

- Maximum Service Pressure: 300 PSIG (2065 kPa gauge)
- Valve Test Pressure: Factory hydrostatically tested to 600 PSIG (4135 kPa gauge)
- Minimum Supervisory Pressure: 13 PSIG (90 kPa gauge)
- Maximum Supervisory Pressure: 18 PSIG (124 kPa gauge)
- Electrical Enclosure: 14 gauge steel with continuous welded seams
- Mechanical Enclosure: 12 gauge steel with continuous welded seams
- Access Doors: Full hinge with oil-resistant gaskets
- External Power Requirement: 115 VAC 60 Hz, single-phase, (1) or (2) circuits. Maximum current draw 7.2 A

Ordering Information

G2 - XX - PX - X - X		GENERATION	VALVE SIZE	SYSTEM TYPE	PRESSURE SOURCE	CONTROL PANEL
A	POTTER	4410-RC	CONV	DISCONTINUED		
B	NOTIFIER	NFS2-640	ADDR	CURRENT		
C	NOTIFIER	RP-2001	CONV	DISCONTINUED		
D	FENWAL	FN-6000	ADDR	DISCONTINUED		
E	KIDDE	ARIES-SLX	ADDR	CURRENT		
F	POTTER	ARC-100	ADDR	CURRENT		
G	POTTER	4410G3	CONV	CURRENT		
N	NO CONTROL PANEL			CURRENT		

CONV = Conventional Detection -- ADDR = Addressable Detection

1	1/6 HP COMPRESSOR
2	1/3 HP COMPRESSOR
3	1/2 HP COMPRESSOR
N	NITROGEN-READY WITH MODEL NAMD-1

P1	PREACTION - SINGLE INTERLOCK =OR= DOUBLE INTERLOCK ELEC / ELEC
P2	PREACTION - DOUBLE INTERLOCK PNEUMATIC / ELECTRIC

15	1-1/2 INCH
20	2 INCH
25	2-1/2 INCH
30	3 INCH
40	4 INCH
60	6 INCH **

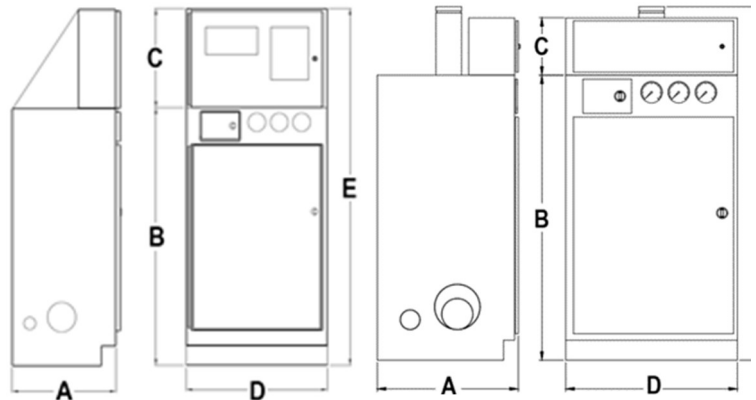
** 6 inch valve is not FM Approved

G2 GENERATION 2 - VICTAULIC VALVE

Dimensions – Refer to Table A

With Control Panel

Without Control Panel



Dimension	With or Without Control Panel	With 1-1/2" thru 3" Valves	With 4" and 6" Valves
A - Depth	Both	22	24
B - Mechanical Enclosure	Both	52	52
C - Electrical Enclosure	With	20	20
	Without	10	10
D - Width	Both	30	30
E - Height	With	72	72
	Without	62	62

NOTE: All dimensions are in inches.

Table A - Dimensions

Compressor HP	Maximum Sprinkler Pipe Volume - Gallons
1/6	220
1/3	430
1/2	670

Maximum sprinkler pipe volume is for initial-fill with air to 18 PSIG in 30 minutes to satisfy NFPA 13

Table B – Built-In Compressor Capacity

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KENILWORTH, NJ 07033 USA
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