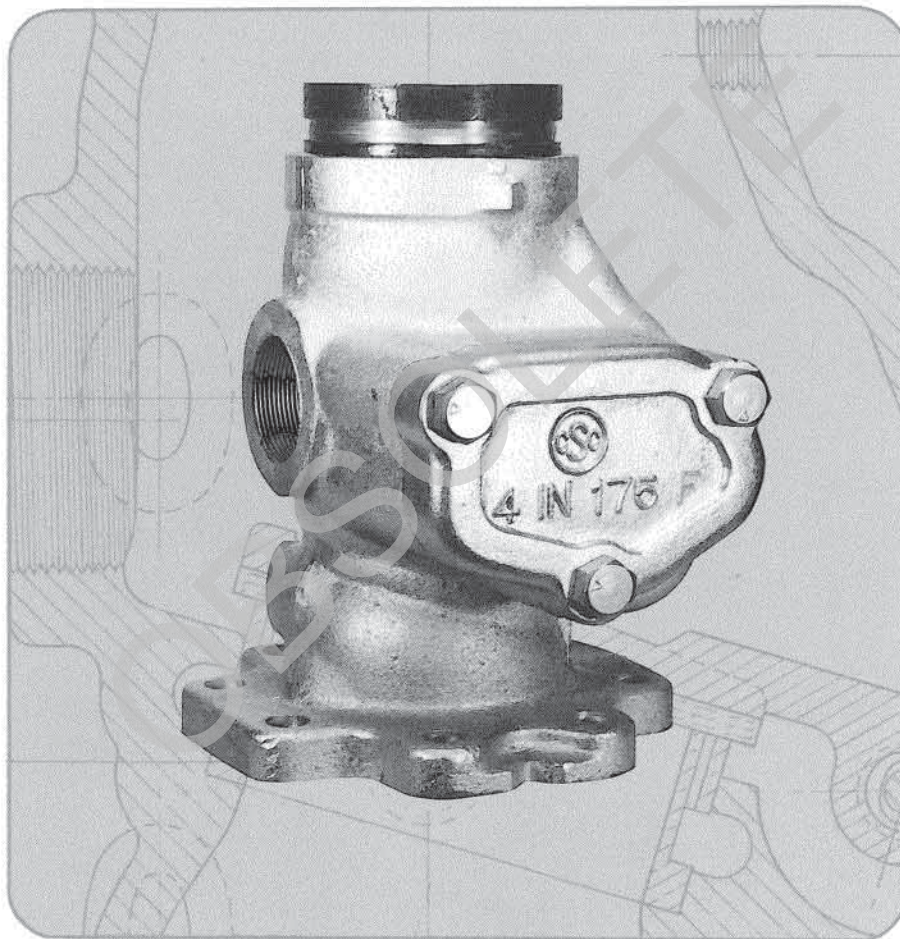


Model "G" 4 Inch Flange-Grooved Alarm Check Valve



Listed by: Underwriters Laboratories, Inc.
Underwriters' Laboratories of Canada
Approved by: Factory Mutual,
B.S.&A. of New York City



Central Sprinkler Corporation

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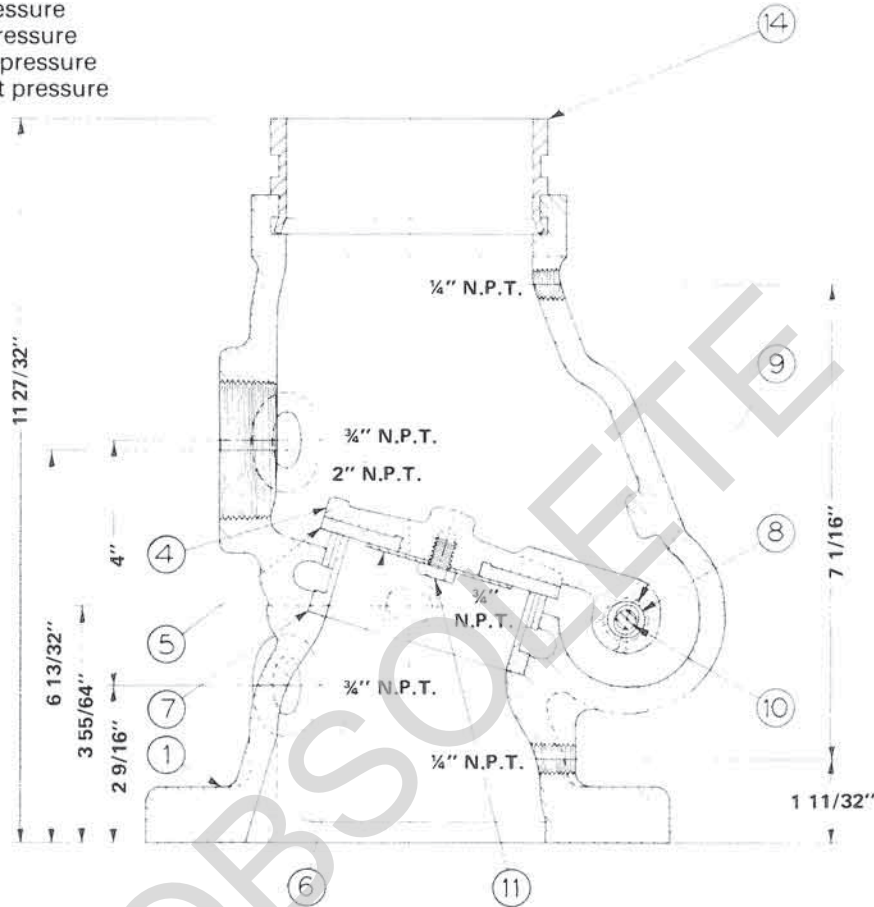
Installation

Central's Model "G" Alarm Valve is manufactured in the 4" size. It may be installed vertically or horizontally in the main supply to a wet type sprinkler system. Where water pressure fluctuates, such as encountered with city water supplies, variable pressure trim including a Central Model "F" Retard Chamber must be used. For installations where water pressure does not fluctuate, such as tank supplies, constant pressure trim is used without the need of a retard chamber. Four different trim packages for the Central Model "G" Alarm Valve are available:

- 1. Vertical—variable pressure
- 2. Vertical—constant pressure
- 3. Horizontal—variable pressure
- 4. Horizontal—constant pressure

When ordering, specify type of trim and retard chamber (if needed) separately. See Bulletin #ACVF-4-6-8 for details.

Care must be exercised when installing check valves in the trim to be certain that they are located with the arrow on the body pointing in the proper direction. The arrow on the body of the 3/4" check valve in the by-pass line **must** point toward the alarm valve body. The arrow on the body of the 1/2" check valve in the drain line from the retard chamber **must** point toward the main drain.



Cross Section Front View - Vertical Position

Parts List—4" Alarm Valve—Model "G"

Detail No.	No. Req'd.	Part No.	Description
1	1	R-814-01-1	Valve Body
2	1	R-814-02-1	Valve Cover
3	1	R-814-03-1	Cover Gasket
4	1	R-814-04-1	Clapper
5	1	A-814-05-1	Rubber Facing
6	1	A-814-06-1	Retaining Ring
7*	1	A-814-07-1	Seat Ring
8*	2	A-816-08-1	Clapper Bushing
9*	2	A-816-09-1	Body Bushing
10	1	A-816-10-1	Hinge Pin
11	1	A-816-11-1	Hex. Head Cap Screw
12	2	A-816-12-1	Pipe Plug
13	3	A-814-13-1	Hex. Head Cover Bolts
14*	1	A-804-14-1	Coupling End
15	1	A-804-15-1	"O" Ring

*not field replaceable

NOTE: This bulletin must be used in conjunction with Central Alarm Valve Bulletin #ACVF-4-6-8, for description, operation, testing, care and maintenance, friction loss and trim arrangements.