CONTROL VALVE ACCESORIES

Model B-1

Accelerator with Integral Accelo-Check



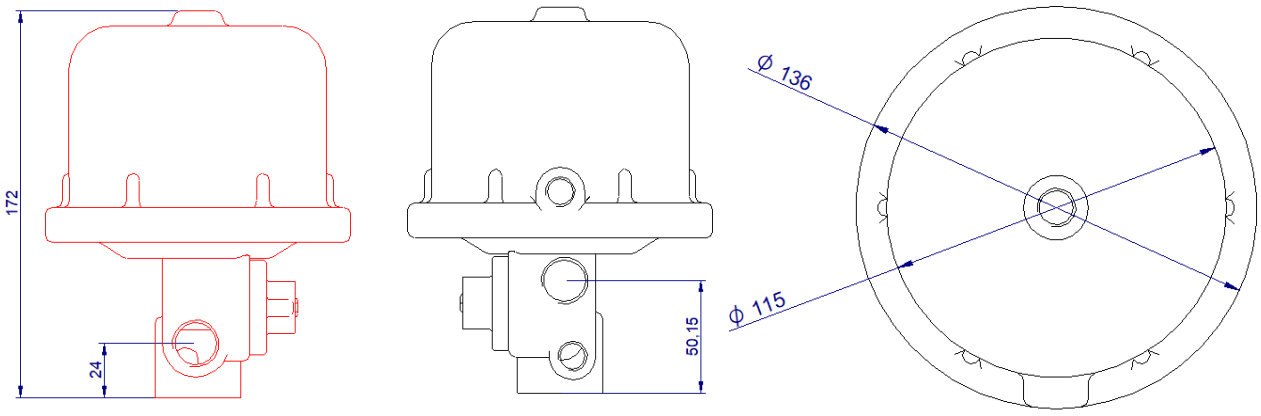
PRODUCT DESCRIPTION

The AG Fire Sprinkler accelerator model B-1 is specially designed to speed up the proper operation of the dry pipe valves and the preaction systems actuated by dry line pilot. Both systems use air or nitrogen pressured to avoid exposure to water sensitive areas or freezing conditions.

TECHNICAL DATA

Model	**B-1**
End connections	Air inlet: Thread female ½" NPT Air outlet: Thread female ½" NPT Gauge connection: Thread female ¼" NPT
Material	Body: Cast iron Diaphragm: NBR
Finish	Black painted

DIMENSIONS



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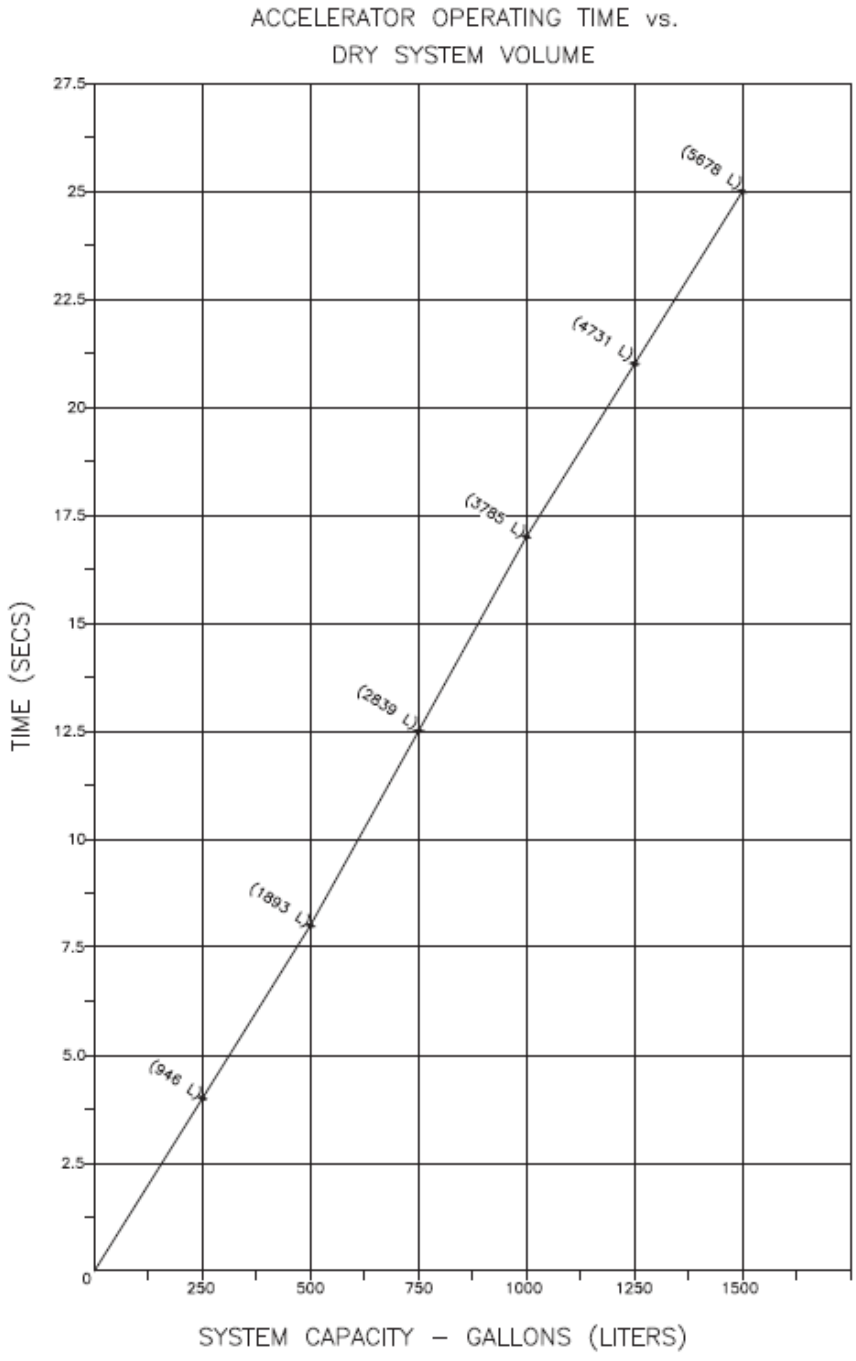
SYSTEM REQUERIMENTS

The NFPA 13 indicate that accelerators are required in dry systems that have capacities of more than 1890 litters, except when the water could be delivered in less than 60 seconds.

The AG Fire Sprinkler accelerator is UL listed for volumes of the dry system up to 5700 litters. What it is approved too by FM.

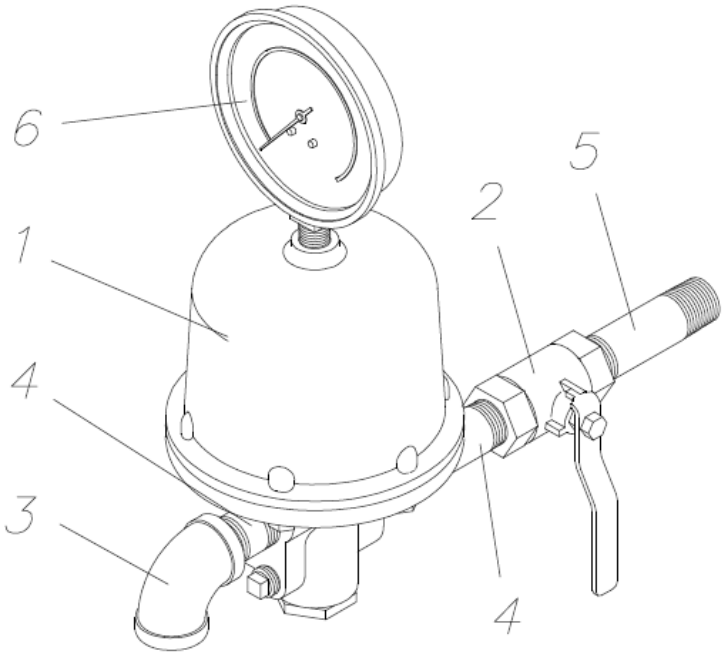
The smaller pneumatic pressure that the accelerator is effective is over 15psi.

The following table indicates the actual accelerator operating time vs the system size when one sprinkler head opens. The dry line pressure uses to construct the table is a wide range between 25 and 50 psi (1.7 to 3.4 bar).



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COMPONENTS



POS.	DESCRIPTION	QTY
1	ACCELERATOR B-1	1
2	THREADED BALL VALVE – ½" NPT F-F – 250psi	1
3	ELBOW 90º F-F ½" NPT	1
4	½" x 25mm NIPPLE	2
5	½" x 50mm NIPPLE	1
6	GAUGE ¼" NPT 80psi	1

CAUTION

The presence of water in the accelerator may cause a premature operation releasing the pressurized air to the atmosphere.
Because of it, it is compulsory that, after system operation, the top chamber must be inspected to find any sign of water inside. It is necessary to purge the dry system to complete the accelerator reset procedure.

ORDERING INFORMATION

MODEL	CÓDE
Accelerator B-1	VSACB1
Trim for AGD	VSTRB1
Trim for AGCX-LP & Double Interlock Preaction System Type F	VSTRB1F

Specify:

Model	
Quantity	

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AG FIRE SPRINKLER

AG Fire Sprinkler offers a wide selection of components. Then a list of products is presented by AG Fire Sprinkler, we can offer all these components, made with precision to protect people, anywhere, anytime.

- Sprinklers
  - Standard Coverage
  - Extended Coverage
  - Storage
  - Dry
  - Accessories
- System Valves
  - Wet
  - Dry
  - Preaction Equipment
  - Accessories
- Spray System Open Nozzles
  - High Velocity Nozzles
  - Medium Velocity Nozzles
  - Window Nozzles
  - Hydroshield Nozzles
  - Mushroom Type Nozzles
- Foam equipment
  - Tanks
  - Proportioners
  - Foam Discharge Equipment
  - Foam Concentrates
- Deluge equipment for Water Spray and Foam
  - Clapper Deluge Valves
  - Diaphragm Deluge Valves
- Monitors
  - Manual Monitors
  - Remote Monitors
  - Monitor Nozzles
  - Towers and Trolleys
- Valves
  - Butterfly Valves
  - Gate Valves
  - Check Valves
  - Pressure Control Valves
  - Test and Drain
  - Hose, Hydrant and Fire Connection Valves
  - Fire Department Connections

The equipment presented in this bulletin is to be installed in accordance with the latest published Standard of the National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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