

## Description

The FIRE KILL™ Model AU7 nozzles have been designed specifically for the fire protection of large indoor spaces with high ceiling heights, which contains moderate fire loads and spaces in which the fire load concentration does not exceed an average of 1MW/m<sup>2</sup>.

## Application

Cinemas, concert halls, auditoriums, aulas, atriums, lobbies, etc.

## Approvals

The AU7 nozzles has been tested in accordance with the DFL fire test standard No. 90805-01 'Full Scale Fire Test Method of Active Fire Protection Systems for Fire Protection of Large Indoor Spaces with Large Multiple Seating Areas' by the Danish Fire Laboratories

## Function

AU7 Nozzles are open low-pressure water mist nozzles. Nozzles are installed in vertically upright position with its top cover flush to the floor or furniture surface. Nozzles are connected to dry supply pipes. When water is allowed access to the nozzle pipes, the water pressure automatically activates the AU7 nozzles to push the nozzle cover away from the nozzle, and the Nozzle elevates 70 mm above the surface, and homogeneously distributes water mist in front of the nozzle, and in the area between nozzles. No water is distributed behind the nozzles.



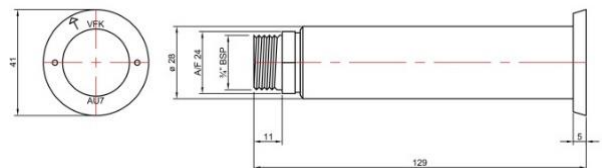
## Technical data

General Description			
K-factor 6m pipe (metric (l/t/√bar))		7.2 (l/min/√bar)	
Hydraulic Connections		½" BSP male	
Working Water Pressure		2-8 bars	
Spray Length		4-9 m	
Spray height		3-6 m	
Nozzle Weight		0.625 kg	
Water pressure	Spray lengths	Spray heights	Water flows
8 bar	9m	6m	20.4 l/min
6 bar	7m	4.5m	18 l/min
4 bar	6m	4m	14.4 l/min
2 bar	4m	3m	10 l/min
Related products			
Zone Control valve		Model C-EL	
Filter		Model F	

## Installation

AU7 nozzles are installed vertically from above down into the floor or into parts of the furniture, with the nozzle top plate flush with the surface and with the marked arrow, indicating the flow direction of the water mist. Nozzles should be installed with a line spacing of 1 meter.

## Dimensions



## Caution

Should any parts on the Model AU7 appear to have been compromised, the unit should be returned to the manufacturer

## Contact

For further information on FIRE KILL™ products, please contact our sales department at Sales@vidfirekill.com

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