Water Motor and Gong

WMA-16

General

- The Water Motor Alarm is a hydromechanical automatic sound warning device actuated by water flow. It sounds a continuous alarm while a deluge or Water Control Valve operates.
- Should be used indoors.
- UL listed.

Specifications

- End Connections
  Inlet:3/4" NPT
  Outlet Drain: 1" NPT
- Gong Specifications
  Outlet sound: 90 dB

Working Pressure

- 7 to 300 psi (0.5 to 20.7 bar).

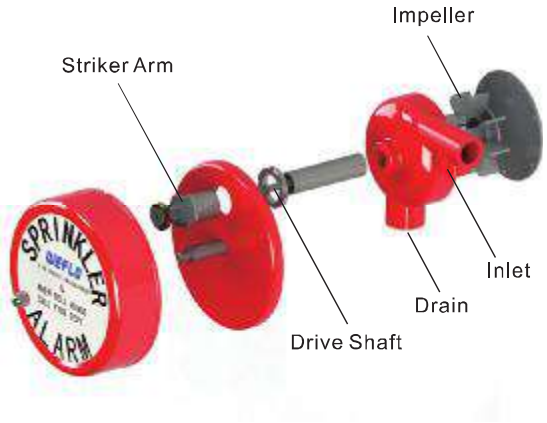
Material Specifications

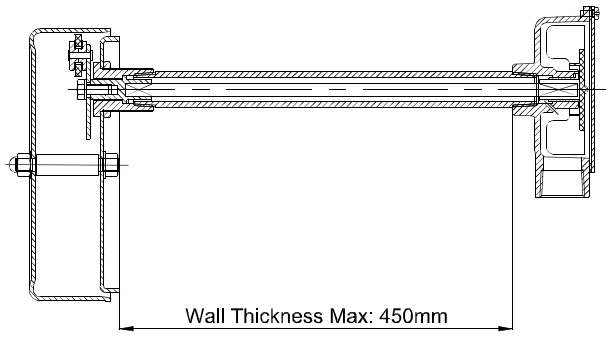
- Gong: Aluminum
- Gong Mount: Aluminum
- Back Shaft: Aluminum
- Driver Shaft: SS304
- Water Motor: Cast Aluminum
- Impeller: Nylon
- Striker Ring: POM
- Striker Arm: SS304

Operation

- When a Deluge Valve is activated, water flows through the valve's trim, discharges to a strainer and into the water motor inlet, From the inlet, the water flows through a nozzle which directs the stream to the impeller. The stream turns the impeller and drive shaft, causing the striker arm to rotate, thus producing a continuous alarm. The water is discharged through a 1"(25mm)drain outlet at the bottom of the impeller housing. The discharged water must be piped through the wall to a suitable open drain.

Schematic





Notes

• Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

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