

How to manually operate valves bigger than 1"

Context

During an electrical failure (loss of power to the building or fuse/circuit breaker action), Nowa valves close automatically. Nowa does this because without power, this valve position is the "fail-safe" mode to defend from a water leak while power is off. This action is manually reversible. To prevent the system from shutting down, the use of a backup battery (UPS) is recommended.

When power is off, Nowa valves larger than 1" require that manual torque be applied in order to open or close the Nowa valve. In the event of a prolonged power failure or the use of the system without battery backup while power is off, use this procedure to manually operate Nowa valves that exceed 1" size.

Required Equipment

Allen Key 3MM



Valve Key (or pliers)



Procedure

1. Use the Allen key to unscrew the safety screw located on the mounting link
2. Remove the actuator (motor) from the valve body
3. Use the valve opening key (or pliers) to turn the valve sprocket
 - a. **Open:** For the valve to open, the line of the brass gear must be parallel to the water hose
 - b. **Close:** For the valve to be closed, the line of the brass gear must be perpendicular to the water pipe.

Step 1



Step 2



Step 3



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