



# THE MASTER VALVE AKWA\*

Is designed to close the main water inlet when a leak is detected.

## The AKWA ball valve is the most efficient on the market.

The Master valve opens and closes quickly thanks to an automated electric actuator. A regular self-test prevents calcium deposits in the mechanism and ensures its proper functioning.

Its durable stainless-steel body is harmless and specially designed for drinking water.

It incorporates functions for a Flow sensor that will measure the flow of water.

## CHARACTERISTICS

- Size of fittings 3/4", 1", 1 1/4, 1 1/2, 2"
- Quick connect 3/4", 1"
- Ball valve with a stainless-steel body
- Removable actuator with a quick-connect mechanism and pin dam
- NPT threads, a North American standard
- Manual opening as needed (not available for the outdoor Master valve)
- 3 years warranty

## SPECIFICATIONS

### VALVE BODY:

<b>Material</b>	Stainless Steel (304)
<b>Turning pinion</b>	Brass Nickel plated
<b>Ball valve</b>	Stainless Steel 304
<b>Valve seat</b>	PTFE disc with backup ring
<b>Valve Packing</b>	Double O-Ring with PTFE Ring
<b>Closure</b>	100% Waterproof
<b>Pressure</b>	Maximum 150 PSI (10 Bar)

### ACTUATOR:

<b>Voltage</b>	5V DC
<b>Power</b>	2 Watts
<b>Torque Force</b>	17"/ pound (2NM)
<b>Casing</b>	NEMA 4 (IP65)
<b>Connection</b>	32" (1M) PVC cable
<b>Ambiant temperature</b>	-20 °C to 45 °C (-4 °F to 113 °F)
<b>Closing time</b>	3 to 5 secondes
<b>Noise levels</b>	55 dB
<b>Dimensions</b>	L 73 mm (2,86") x L 62 mm (2,4") x H 79 mm (3,12")
<b>Certifications</b>	NSF61

\* Any reference to the only term "AKWA" means the water leak prevention and detection product "AKWA Technologies", while any reference to the whole terms "AKWA Concierge" means another product from AKWA Technologies Solutions inc.