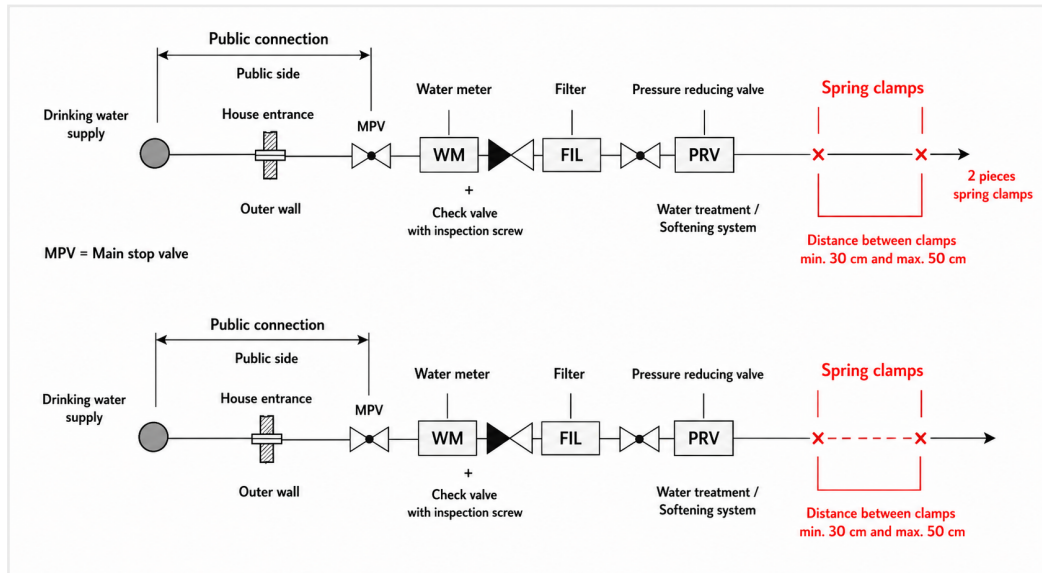




WATER ALIVE – Installation Guide for Installation Companies [EN]

Installation Guide for Installation Companies

Principle of Operation



Water Alive devices operate using free zero-point energy, without the need for electricity or chemical additives. They are completely maintenance-free and require no servicing.

To transfer the naturally identical vibrational information generated by Water Alive directly onto the water pipe, both measuring cables must be connected to the cold-water pipe using the supplied spring clamps.

To ensure full functionality of the Water Alive device, the following installation instructions must be observed.

Area of Application

Water Alive devices are intended for use in residential and commercial buildings and for connection to drinking-water systems with an internal pipe diameter of up to 6/4 inch (approx. 40 mm).

Spring Clamps

The distance between the two spring clamps should be:

- minimum: 30 cm
- maximum: 50 cm

The order of the clamps is not important, but both must always be connected to the same pipe.

To ensure flawless vibration transfer:

- both clamps must fit tightly and fully against the pipe surface.

The spring clamps are installed on the central cold-water supply pipe, in the direction of water flow:

- after the water meter
- after any installed pressure-reducing valve
- after any installed mechanical filter ("house filter")
- after any installed water-treatment or water-softening system

Suitable Pipe Materials for Vibration Transfer

Suitable materials:

- stainless steel pipes
- galvanized steel pipes
- copper pipes
- solid plastic pipes (single-layer)

Unsuitable pipe materials and recommended solutions:

Multi-layer composite pipes

(e.g., "ALU multilayer pipes")

→ Solution: install a straight section of suitable pipe material (e.g., solid plastic pipe).

Strongly corroded pipes

→ Solution: remove rust and clean the pipe.

Externally painted pipes

→ Solution: remove paint in the clamp area and clean the pipe with an appropriate cleaner.

Installation of an Inserted Pipe Section

If proper vibration transfer cannot be guaranteed (for example with composite pipes), a straight pipe section with a minimum length of 50 cm must be installed after:

- the water meter
- pressure-reducing valve
- filter
- water-treatment unit

If there is insufficient space for a straight section, a U-shaped pipe section made from suitable material (e.g., solid plastic) may also be used.

Drinking Water Distribution System

- Main water supply
- Building inlet
- Water meter
- Filter / pressure-reducing valve
- Main shut-off valve (HAE)
- 2 pcs. spring clamps
- Water treatment / softening system
- Pipe length between clamps:
 - minimum 30 cm
 - maximum 50 cm

Routing of Measuring Cables for Vibration Transfer

To ensure full transmission performance:

- maintain a minimum distance of 10 cm from parallel electrical cables
- avoid creating loops in the cables

Installation on Metal Pipes

Metal pipes often use potential equalization through grounding cables and clamps.

In such cases:

- install the Water Alive clamps in the direction of water flow
- position them as far as possible from the last grounding clamp to ensure flawless vibration transfer to the flowing water

Interfering Influences

Do not use:

- magnets
- electrically powered water-activation devices

on the same pipe where Water Alive is installed.

Placement of the Water Alive Device

To ensure full functionality:

- maintain a minimum distance of 1 meter from high-voltage sources (e.g., electric boilers)
- ideally position the device underneath the water pipe
- if placement underneath is not possible, it may be installed above the pipe, but:
 - maintain at least 50 cm distance between the bottom of the device and the top edge of the pipe
- avoid metal surfaces beneath the device, as they may affect functionality
- protect the Water Alive Q device from moisture – water damage voids the warranty