Smart valve

Freeze protection
Water temperature maintenance

PROTECT YOUR WATER NETWORK FROM EXTREME TEMPERATURE

Automatic self-sufficient system
Operating costs minimized
User-friendly interface
Easy-to-install compact product

Save time in the field
Minimize travels
PROVEN EFFICACY!

GOAL: protect a PUR pipe that is built in a bridge over a railway road from freezing

THANKS TO THE temp VALVE: creation of a regular water flow when the outside temperature drops significantly

RESULTS: pipe protected during the winter using only 40 m³ of water instead of 2160 m³ previously.

OPERATING COSTS MINIMIZED

Automatic opening programming: based on customized temperature thresholds volumes or durations
- Pipes protected from freezing
- Water quality preserved even on hot days
- Sustainable resource management

EASY-TO-USE SELF-SUFFICIENT SYSTEM

Battery life up to 15 years with pre-programmed maintenance cycle
User-friendly app for tablets and smartphones with
- history and statistics
- temp valves geolocation
Data collection and computer-assisted analysis on a web platform (optional)

READY-TO-INSTALL COMPACT PRODUCT

Conventional connection to the water network
Quick setup with the app

The temp valve is supplied:

- Easy and reliable installation
  On a water-meter bracket
- Accessible equipment protected from freezing
  Inside an E-CUB meter chamber
- Connection with index / pulse reader
- Temperature sensor
- Water meter
- Electronics with lithium battery
- Patented 3-position ball-valve (open, close, limited flow) ND15
- iOS and Android app to control and program the smart valve
  • history and statistics
  • temp valves geolocation
  Data collection and computer-assisted analysis on a web platform (optional)

OPTIONAL: Long-distance communication

Find out more about the WAYVE SMART VALVES:
- Pilot clean for automatic purges
- iOS and Android app to remotely control the water network

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47, rue de l’Usine - Sainte-Lizaigne 36260 - FRANCE
sl@sainte-lizaigne.com  |  www.sainte-lizaigne.com
33 (0)2 54 04 04 04