

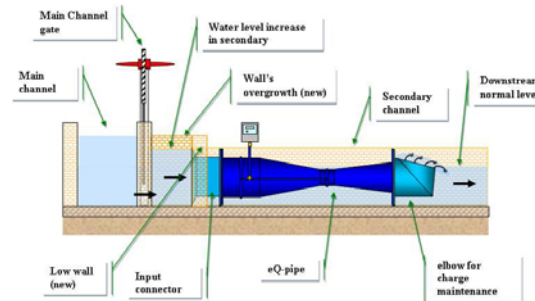
Example of Q-pipe installation

eQ-pipe's installation

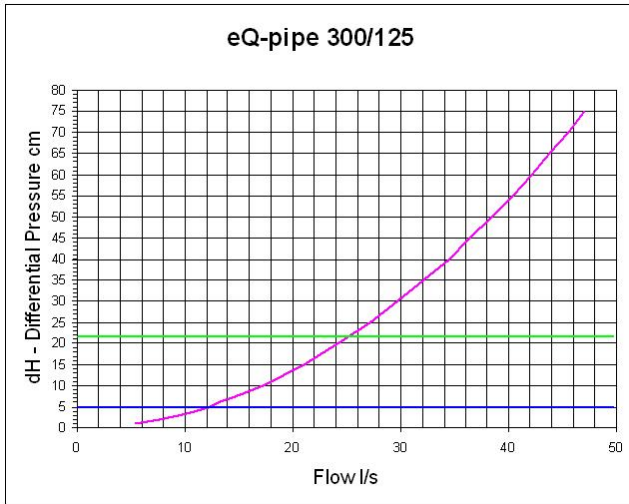
The eQ-pipe must work all the time full of water ("in charge"). Its installation must ensure this condition, so it is necessary to ensure that water was always over the the top of the inlet and outlet level, at any flow. Keeping this condition, the eQ-pipe can be installed in several ways: between two chests, in a ditch with enough free edge, or after a waterfall; in a diversion from primary to secondary ditch, etc.

Example of installation in derivation from primary to secondary channel

The eQ-pipe is installed on a low wall built into the secondary channel, immediately after the gate, by a splayed entrance connector. At the output side, an elbow is installed, ensuring the eQ-pipe remains in charge in case the level in the ditch decreases.



Ctra. Bética, 163, Nave 3 - P.I. El Cañamo I
41300 – San José de la Rinconada
Sevilla SPAIN
www.acequia-innova.es
Tel/Fax 954 793 910
info@acequia-innova.es



eQ-pipe Serie 500

eQ-pipe 500/200

Diam. E/G: 500/200mm
Q min: 20 l/s
Q nom: 69 l/s
Q max: 116 l/s

eQ-pipe 500/250

Diam. E/G: 500/250mm
Q mín: 31 l/s
Q nom: 111 l/s
Q max: 185 l/s

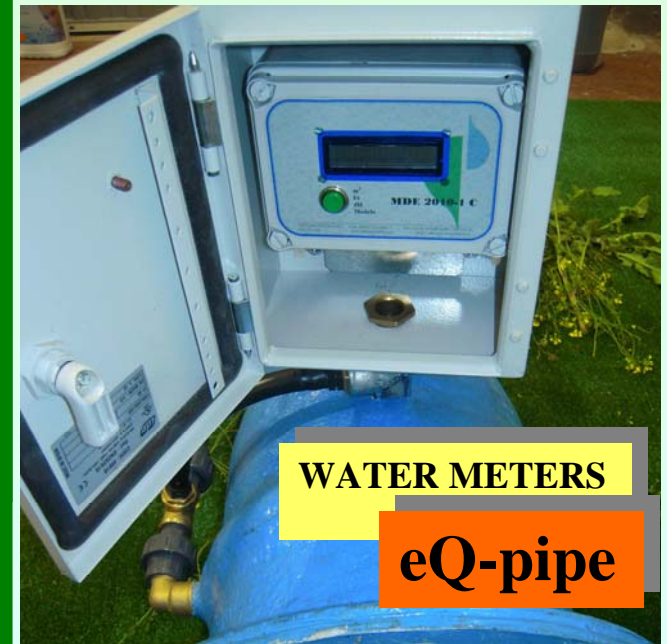
eQ-pipe 500/350

Diam. E/G: 500/350 mm
Q mín: 68 l/s
Q nom: 241 l/s
Q max: 403 l/s

RESEARCH AND
INNOVATION IN THE
SERVICE OF GRAVITY
IRRIGATOR



LEADER IN
MEASURING
GRAVITY
IRRIGATION



- Accuracy in the direct measurement of flow Precision.
- Safety record volumes of irrigation.
- Allows measurement in unfiltered water from surface sources.
- Very low head losses.

eQ-pipe Features



eQ-pipe 300/160 with MDE 2010-C, with solar panel for total autonomy.

It allows direct reading of flow in liters per second and also total cumulative volume.

Irrigation volume registration is kept permanently in the eeprom of the MDE 2010-C

eQ-pipe 300, because of its large diameter and low head losses is very suitable for gravity Systems (ditches and low pressure pipes).

It hasn't any component that could be clogged by elements in suspension that usually contain water coming from surface sources.

**THE SOLUTION FOR
REGISTRATION IN
GRAVITY SYSTEMS**

eQ-pipe calibration is carried in our own hydraulic laboratory with 100 l/s capacity.



Hydraulic Laboratory for calibration.

eQ-pipe Serie 300

eQ-pipe 300/125

Diam. I/T: 300/125 mm
Q min: 8 l/s
Q nom: 27 l/s
Q max: 45 l/s

eQ-pipe 300/160

Diam. I/T: 300/125 mm
Q min: 12 l/s
Q nom: 37 l/s
Q max: 68 l/s

eQ-pipe 300/200

Diam. I/T: 300/125 mm
Q min: 22 l/s
Q nom: 77 l/s
Q max: 128 l/s

Recording device MDE 2010-C



The MDE 2010-C makes a direct reading of the circulating flow in liters per second as the Electronic Differential Pressure Gauge (MDE 2010-C) incorporates in its software, the equation relating the differential pressure with flow, for each model of eQ-pipe.

It also allows the reading of the cumulative volume directly. Volume recording is saved in the permanent memory of the MDE 2010 C, where it remains safely.

The MDE 2010-C is completely autonomous, thus it has a small solar panel that keeps its battery loaded.

The case of MDE 2010-C is made of iron sheet lined with epoxy paint, which make it very strong and weatherproof (IP65) as well as vandalism proof.