



GaugeIT Installation

Disclaimer

It is recommended to use a registered plumber when installing your GaugeIT device. Step 1 to 7 is a basic installation guideline for your reference.

Definitions

- **In-Let:** communication pipe leading from municipal mains supply to your GaugeIT device.
- **Out-let:** pipe leading from your device to your house connection
- **Municipal Mains:** conduit pipe leading from under ground for conveying of domestic water supply
- **Private Stop tap:** stop tap connected to the out-let pipe
- **Municipal Stop tap:** stop tap connected to in-let pipe
- **HDPE:** High Density Polyethylene

There must be a length (500mm) of straight unobstructed pipe on the inlet side of your GaugeIT device and a length of straight unobstructed pipe on the outlet side of your GaugeIT device. Your GaugeIT device must be installed upstream of any valves (except), tees, take-offs, diversions or branches.

Location and Position

- Your GaugeIT device must be fitted in the correct direction of flow, it must not record in reverse.
- Please position your device as close as possible to your water extraction point, subject to: reasonable and practical plumbing factors i.e. safe location to physically read a meter (e.g. avoid steep river embankments)

Step 1

Trace and locate private leading (pipe leading from your municipal meter to your house connection)

Step 2

Trace and locate municipal mains leading with municipal stop tap.

Step 3

Determine best possible location (out of traffic) behind municipal meter.

Step 4

Once leading is traced and leading type and size determined, materials, fittings required can also be determined.

*Please further the Addendum for different fitting/material scenarios.

Step 5

Shut/turn off both municipal stop tap and private stop tap, to ensure water flow is stopped, so as to ensure no water is wasted during the installation process.

Step 6

Ensure outlet pipe is covered with a blank stopper when cut in is made, to ensure, no ingress filters into the house reticulation system.

Cut your GaugeIT device in-line on the outlet, leading into the house connection. Once installation is complete, turn supply back on. Check for any possible water leaks.

Step 7

Turn on any domestic tap, to ensure your in-line municipal meter and GaugeIT device are both registering.

NBI Please Note

- Your municipal meter will always be your primary billing device
- Any leaks on the private side after the municipal meter will be the responsibility of the owner and will be billed accordingly by the local utility
- HDPE pipe must not be 'kinked' bent during the installation process
- Kinks in the pipe will cause inconsistent flow of water supply
- Kinks can also cause the pipe to become brittle over time

Scenario 1:
15mm Copper Leading

- 15mm
Female Brass Elbow
 - 15mm
Female coupling
 - 20mm
Plasson (HDPE) Male Coupling
 - 15mmx20mm
Male Plasson (HDPE) Coupling
- The above is to convert from Copper to HDPE

Scenario 2:
20mm Copper Leading

- 22mm
Female Brass Elbow
 - 22mm
Female coupling
 - 20mm
Plasson (HDPE) Male Coupling
 - 20mm
Male Plasson (HDPE) Coupling
 - 20mm
Male Plasson Elbow
- The above is to convert from Copper to HDPE

Scenario 3:
28mm Copper Leading

- 28mm/ 20mm
Bush
 - 20mm
Male Plasson Coupling
 - 20mm
Male Plasson Elbow
 - 20mm
Plasson Elbow
 - 28mm
Female Brass Coupling
 - 28mm
Female Brass Elbow
- The above is to convert from Copper to HDPE



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