Reading your meter
Lift the steel flap on the door of the 1300 cabinet

Display 1 – Calibration / flow / totaliser
Press the tick button on right of the screen to turn on the display. The meter will do an auto calibration.

It will then show the main screen display
Flow rate – M³/Hr or L/Sec
Total water usage - M³

Display 2 – Flow / totaliser
Press the arrow up button two times from the main screen.

The top part of the screen shows the flow rate while the meter is in operation
Flow – 0.0 Litres/sec or M³/Hr

Introduction
A magnetic flow meter (also known as magflow meter) is a non-mechanical meter mainly used in urban, wastewater and industrial water delivery systems. Magflow meters consist of a section of pipe with a magnetic field projected across it and electrodes to detect electrical voltage changes. They are useful where debris, and poor water quality (i.e high iron) is an issue.

The magflow not only displays your cumulative water usage but it can also perform other functions which will help you evaluate the performance of your system. These functions include:

- velocity
- run time
- auto calibration
- year to date totaliser.

This fact sheet will help you to access and view the various functions of the magflow meter.
Display 3 – Velocity / totaliser
Press the arrow up button three times from the main screen.
The top part of the screen shows the speed that the water is travelling through the pipe.
(0.00 L/sec means that the pump is not running).

Display 4 – Volts / resets
Press the arrow up button four times from the main display.
The top part shows the voltage of the battery (Bt) and solar panel (Sp).
The bottom part shows the magflow system resets. The reset is the amount of times that the unit is powered down.
This is a good way to monitor if the magflow is being turned off.

Display 5 – Run time / volume
Press the arrow up button five times from the main display.
The top part shows the magflow run time. The bottom part shows the volume in M³.

Display 6 – Year to date / totaliser
Press the arrow up button six times from the main display.
The top part shows the total flow year to date (YTD). The year to date starts from the 01/07 (1st July). The number at the top right hand side of the display is the progressive total and resets back to zero every year. The previous year total (07/08) is 43022 and is at the bottom right hand corner of the display.

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