

Product Information

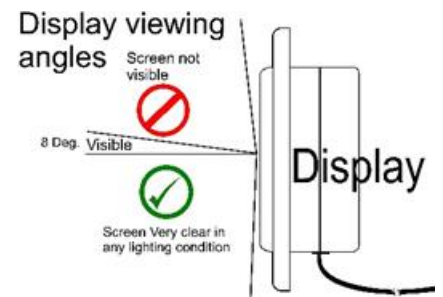
- The H2F-CU12FM Water Flow Meter is designed to be fitted into water lines **ONLY** to display flow per minute and total litres used.
- This flow meter is perfect for stationary installations such as water filters, water coolers & dispensers, irrigation & electronic projects as well as hydroponics and machinery cooling systems.
- This flow meter is **NOT** suitable for fuels

Fitting Recessed Display

- The LCD Polarised Display on the H2F-CU12FM Water Flow Meter is designed to be only visible when viewed from horizontal and below. When viewed from this angle the display is extremely clear
- Using the display as a template mark out hole and cut to suit
- Fix in position with bolts provided or suitable screws

Connecting Sender Unit (refer diagram below)

- The sender unit must be installed in the horizontal position
- The thread specification of the sender unit are 1/2" BSP Male
- Make sure the sender is fitted with the water flow in the direction of the arrow noting that flow direction is one way
- The display comes pre-wired with an approximately 1.4m sender cable
- Extra 1.4m & 3m extension leads are available for the three pin plugs
- Up to 6 leads may be joined to make 9.8m in total length
- **Please Note:** Sender leads cannot be cut and joined – this will void your warranty, extension leads must be used



Connection to 12Volt DC Adapter

- It is recommended that you get the 12v power from the ignition or a separate switch
- Simply cut off the two pin 12v plug to the required length and connect the black wire to the negative terminal and the red wire to the positive power source
- The back-light will stay ON when connected to 12v
- All settings and amounts will be stored if power is disconnected

Current use at 12Volt DC Adapter

- 1 mA when operational
- 0.015 mA when asleep
- **Please Note:** 1,000 mA (milliamp) = 1 A (amp)

Programming & Display Selection

- Press "DISPLAY" button to turn display on the screen
- To set the Display for the 1/2" sender supplied you will need to press both buttons at the same time & release. "H22" is the setting that you need displayed
- If "H22" is not displayed, continue to press and release the "DISPLAY" button until "H22" is displayed
- Press "DISPLAY" button again this will display the accumulated flowing volume (flow totalisation) or real time flow rate
- Press and release "RESET" button for four seconds which will reset the total measuring volume to zero
- All settings and amounts will be stored when the screen turns off
- **Please Note:** The maximum monitoring capacity is 99,999 litres

Operating

- The Topargee H2F-CU12FM Water Flow Meter will automatically turn on when there is water flowing through the sensor
- It will automatically turn off 10 seconds after there is no water flowing
- Blue back-light remains on unless a switch is fitted in power line

Reset

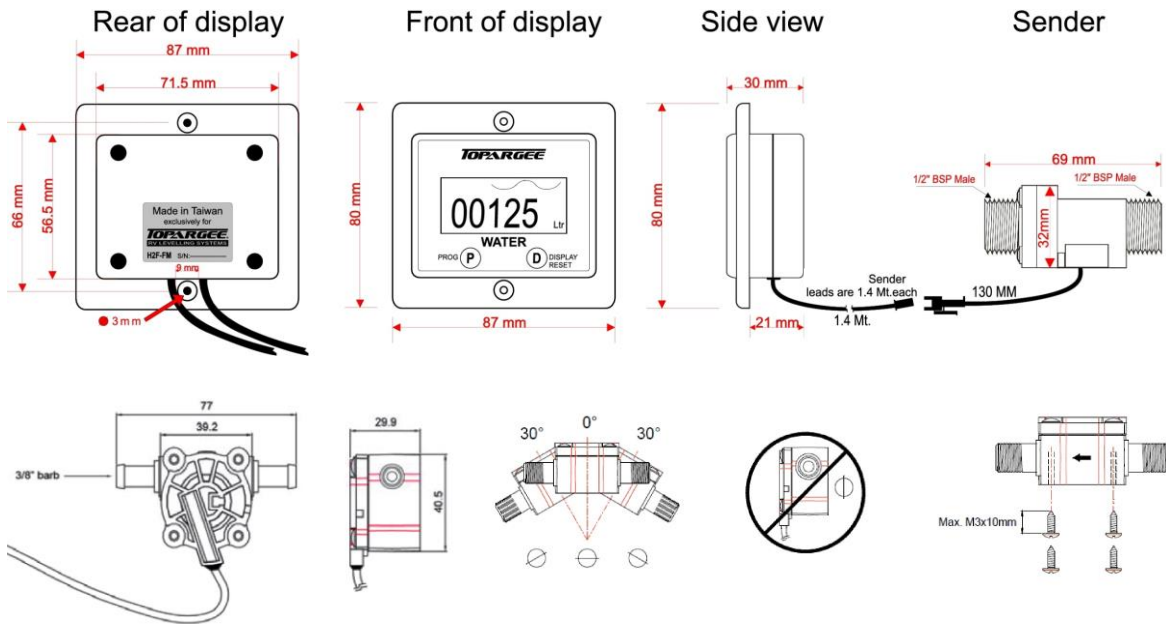
- Press and hold the "RESET" button for 4 seconds
- The total measuring volume will be reset to 0

Specifications

- | | |
|---------------------|------------------------------|
| • Colour | White |
| • Power | 12 Volt DC |
| • Mounting | Recessed Mount |
| • Screen | LCD Polarised Display |
| • Sender Lead | 1.4 Meters |
| • Ext Lead Option | Yes |
| • Connection Size | 1/2" BSP Male |
| • Flow Rate | 1.5 - 25 LPM (90 - 1500 LPH) |
| • Flow Rate Display | LPM & total amount |

Please Note: flow will be restricted if maximum flow rate is exceeded. Check BEFORE purchasing / fitting.

- | | |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| • Pressure | Max 6 bar (87 psi) |
| • Temperature | 0 to 60°C (32 to 140°F) |
| • Suitable for Fuels | No |
| • Suitable for Water | Yes |
| • Displays Litres or Gallons | Yes |
| • Weight | 140 g (5.38 oz) |
| • Accuracy | +/- 5% |
| • Materials | Sensor Body - Glass filled PPS
Turbine - PA Composite
Turbine Holder - Acetal Copolymer
Shaft of Turbine - #304 Stainless Steel
O-Ring - EPDMR
Control Unit Housing - ABS resin |



Please Note: Due to continuous product improvement, specifications are subject to change without notice

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