

### Product Information

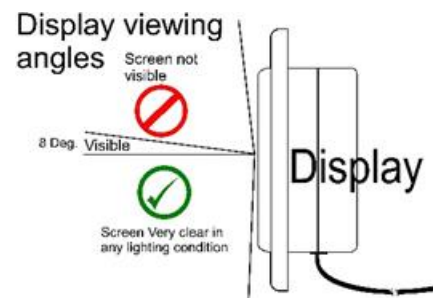
- The H2F-FCU34FM High Fuel Flow Meter is more suited to larger fuel transfer pumps
- Designed to be fitted into water or fuel lines to display flow per minute & total litres used as well as total transferred between tanks

### Fitting Recessed Display

- The LCD Polarised Display on the H2F-FCU34FM High Fuel 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 3/4" BSP Male
- Make sure the sender is fitted with the fuel flow in the direction of the arrow noting that flow direction is one way
- Connect directly with a 3/4" hose, noting that hose clamps should always be used to secure the connection
- 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 3/4" sender supplied you will need to press both buttons at the same time & release. "H66" is the setting that you need displayed
- If "H66" is not displayed, continue to press and release the "DISPLAY" button until "H66" is displayed
- Press "DISPLAY" button again 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-FCU34FM High Fuel Flow Meter will automatically turn on when there is fuel flowing through the sensor
- It will automatically turn off 10 seconds after there is no fuel flowing
- Blue back-light remains on unless a switch is fitted in power line

### Reset

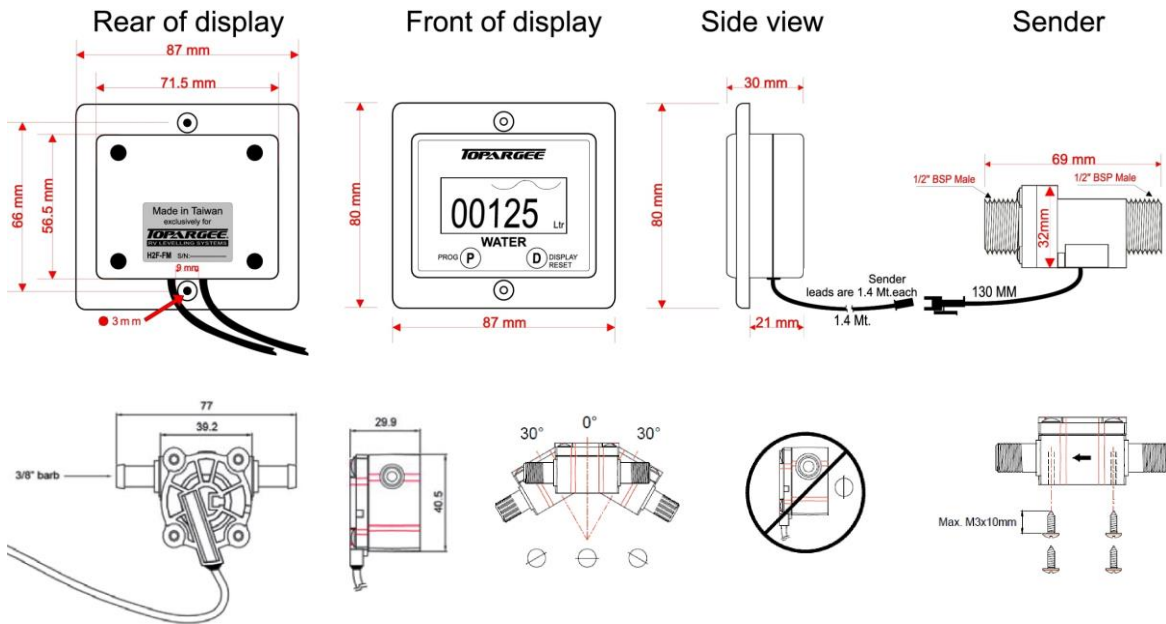
- Press and hold the "RESET" button for 4 seconds
- The total measuring volume will be reset to 0

### 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   | 3/4" BSP Male                 |
| • Flow Rate         | 2.4 – 60 LPM (144 - 3600 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         | Yes   |
| • Suitable for Water         | Yes   |
| • Displays Litres or Gallons | Yes   |
| • Weight                     | 140 g (5.38 oz)   |
| • Accuracy                   | +/- 5%  |
| • Materials                  | Sensor Body - PA66 with 50% glass fibre, Grivory - GV-5H<br>Turbine - Acetal Copolymer, TICONA - M90<br>Shaft of Turbine - #304 Stainless Steel<br>O-Ring - NBR<br>Rubber Housing - ABS resin |



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

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