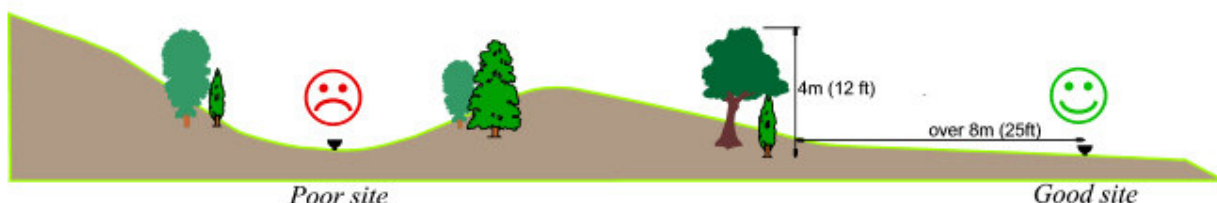


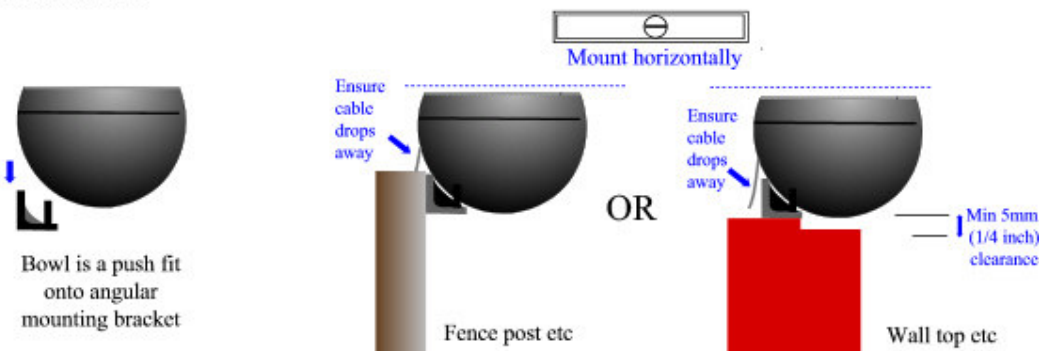
STAND ALONE RAIN SENSOR INSTALLATION INSTRUCTIONS

Siting



The Rain Sensor should, ideally, be situated at a distance of twice the height of local obstructions and mounted 30cm (12") above ground level. This requirement can often be difficult or impossible to achieve due to surrounding bushes, trees etc. For most practical purposes accuracy will not be greatly impaired if the site is only a distance equal to the height of the obstructions. It is important that the sensor is reasonably accessible as, from time to time, the filter will require cleaning. Very often the top of a fence post provides an excellent site so long as it is firm, clear of bushes and trees as above. It is wise to avoid mounting on or near buildings which can cause wind turbulence and create dust. Avoid also mounting near to transmitter aerials which can in certain circumstances cause interference.

Installation



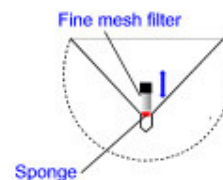
Screw the angular mounting bracket to a **firm and rigid** post, fence or wall ensuring that the funnel opening is absolutely horizontal. Ensure also there is at least **5mm clearance** between the **bottom of the bowl and any surface below**. To avoid the possibility of water running down the cable into the sensor, it is important that the cable drops away from the bowl. Leave some slack in the cable beneath the sensor to facilitate cleaning. Now lay out the cable to the control box avoiding close proximity to power and transmitter cables. Be very careful not to nick the cable when being clipped to walls etc. If the cable is to be buried run cable through plastic hose etc. to avoid vermin biting through cable.

Maintenance

From time to time dust and other foreign bodies will accumulate on the funnel filters.

To clean- carefully withdraw filter and sponge and clean under a tap.

Important - avoid touching the stainless steel filter mesh with bare fingers as this will deposit grease which may impair the flow of water.



Mounting the display

Do not place the display in direct sunlight. If base mounting is required, the foot must be fitted from the rear. The T-shaped wall bracket is only intended for use where two adjacent displays are to be mounted. Wall mounting utilises the keyhole slot on the rear of the display.

Battery installation and replacement

Two 1.5V alkaline AA batteries are required and located in the battery compartment on the rear of the display. Observe orientation when fitting and ensure wires are not trapped when replacing cover. When the batteries require replacement, BATT LOW will appear on the display. Battery life is approx 18 months.

Mode switch

Setting the display to millimetres or inches is effected by a switch inside the battery compartment.

Operation

Rainfall is recorded simultaneously on both lines of the display. The upper line records actual rainfall and can be cancelled by pressing the RESET button. The lower line records accumulated rainfall and can be cancelled by pressing the RESET AC button for 2 seconds. Display states amount to an accuracy of 0.01mm up to a maximum of 9999.99mm

Instromet Ltd. (A Novomec Group company) Lyngate Industrial Estate, North Walsham, Norfolk NR28 0AW
Tel: +44 (01692) 502800 Fax: +44 (01692) 502801 e-mail: sales@novomec-group.co.uk