

Safe and Easy Tank Level Monitoring



DIAGRAM 1 - Hole size for tank fitting
Minimum 20mm to Maximum 30mm

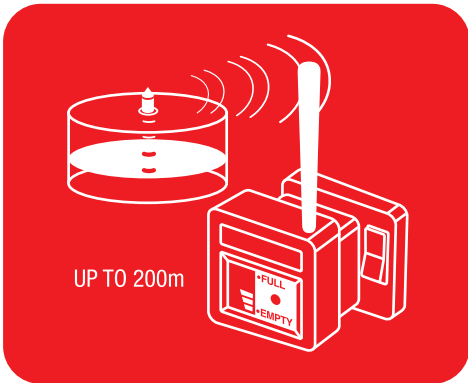


DIAGRAM 2 - Maximum communication distance
Up to 200 metres in normal 'line of sight' conditions



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ULTRASONIC TANK LEVEL MONITOR

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DIAGRAM 3 - Continuous display on small LCD Panel of Receiver
10 bar graph level display

Available from:



PO121/1

Rain Harvesting™
www.rainharvesting.com.au

Rain Harvesting Pty Ltd

54 Reginald Street Rocklea Q 4106 Australia info@rainharvesting.com.au
Tel: (07) 3248 9600 Fax: (07) 3248 9699

- Tank levels are continuously displayed on a small LCD Panel on the receiver which can be located up to 200 metres away from the tank!
- No wires, probes, dip-sticks or floats required. Safe and Easy!
- Suitable for all vented tanks up to 3 meters in height
- Quick and easy to install
- Long life lithium battery

Rain Harvesting™
www.rainharvesting.com.au

The NEW way to monitor tank levels



The Rain Alert™ is a wireless measurement device that allows you to monitor the level of your tank/s from the comfort of your own home.

Rain Alert™ Safe and Easy!

- Tank level readings at your fingertips!
No more climbing on top of the tank to remove tank screens or lids and reach into the tank with dipsticks. No more going to the tank to tap the sides or check old-style tank level gauges!
- The Transmitter fits to the top of the tank, whilst the Receiver is plugged into a powerpoint at a convenient location, such as the kitchen, bathroom, garage or shed.
- Suitable for all vented tank up to 3 metres in height.
- Quick and easy to install. Comes with a 1 year Warranty[^]
- Low voltage, long life lithium battery fitted in the Transmitter. Low power consumption (Receiver).



*Ideal for rainwater tanks, fuel tanks and selected herbicide or pesticide tanks. Check with the distributor/manufacturer on the chemical compatibility prior to use. [^]Subject to terms and conditions.

How does it work?

1. The Transmitter is fitted to the top of the tank (see Diagram 1) and uses 'ultrasonics' to measure the level of fluid in the tank/s.
2. It then transmits a reading to the Receiver (see Diagram 2) which is plugged into a powerpoint, located in a convenient place.
The level is continuously displayed on the small Liquid Crystal Display (LCD) panel of the Receiver (see Diagram 3).
3. **EARLY WARNING.** When the tank level gets below a pre-determined level, a Tank Fill picture flashes on the panel. This early warning means you can give plenty of notice if you need to order in supplies for your tank.
4. **EMPTY.** If the tank level decreases further then a red warning light turns on and begins to flash indicating the tank is almost empty.
Note: If you have town water in your area, and your rainwater tank is fitted with a 'top-up' device or mains water 'switching' device, the red warning light indicates that it is likely that mains water is already being used.



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Specifications



Product Code: TARA01 (Model: TEK377A)

Fluid compatibility

Ideal for rainwater tanks, fuel tanks and selected herbicide or pesticide tanks. Check with the distributor/manufacturer on the chemical compatibility prior to use.

Tank suitability

Not suitable for pressurized containers. Only use on tanks vented to atmosphere.

Tank Depth measurements

Minimum depth: 0.1 m Maximum depth: 3 m
A special extension is available for use with underground tanks contact Rain Harvesting Pty Ltd for more information.

Hole Size for tank fitting

20mm - 30mm (as per Diagram 1)
Periodically check that the unit is intact and securely fastened to the tank.

Max communication distance

Up to 200m in normal 'line of sight' conditions (as per Diagram 2)

Display

10 bar graph level display (as per Diagram 3)
'Early Warning' Indication (flashing Tank Fill) at a pre-determined height above tank bottom.
'Almost Empty' warning flashes red LED as the levels in the tank approach the bottom (approximately 120mm from the bottom).

Power Supply

Receiver: Input AC 230V 50Hz 20mA (Range 150-250V 50-60Hz)
Meets AS/NZS 60335-1

Battery life

Transmitter is fitted with a 3-volt lithium long life cell battery. 10 years (estimated life). Use only VARTA CR2430, or same specification batteries. Do not replace batteries in a potentially explosive atmosphere.

Wireless communications

433 mHz FM transmission

Dimensions

Receiver: 57 x 60 x 41mm Transmitter: 138 x 70 x 40mm

Max and Min Operating Temp (for Transmitter)

Operating temperature range: -10C to +60C Operating Humidity 0-100%

Sealed airtight unit made from PP3317 UV stabilised

Important

o not attempt to repair this equipment. It must be returned to the distributor/ manufacturer for repair. Warning! Electrostatic Hazard! To clean disconnect Receiver from power point and wipe with a damp cloth.