

## Level displays

Your Watchman Niveau displays the level in your tank in  $\frac{1}{10}$  of its usable volume, ignoring a small area in the top of the tank, to allow for room for expansion in hot weather.

<b>F</b>	<b>Full</b>
<b>9</b>	<b>from <math>\frac{9}{10}</math> to Full</b>
<b>8</b>	<b>from <math>\frac{8}{10}</math> to <math>\frac{9}{10}</math></b>
<b>7</b>	<b>from <math>\frac{7}{10}</math> to <math>\frac{8}{10}</math></b>
<b>6</b>	<b>from <math>\frac{6}{10}</math> to <math>\frac{7}{10}</math></b>
<b>5</b>	<b>from <math>\frac{5}{10}</math> to <math>\frac{6}{10}</math></b>
<b>4</b>	<b>from <math>\frac{4}{10}</math> to <math>\frac{5}{10}</math></b>
<b>3</b>	<b>from <math>\frac{3}{10}</math> to <math>\frac{4}{10}</math></b>
<b>2</b>	<b>from <math>\frac{2}{10}</math> to <math>\frac{3}{10}</math></b>
<b>1</b>	<b>from <math>\frac{1}{10}</math> to <math>\frac{2}{10}</math></b>
<b>0</b>	<b>from <math>\frac{1}{10}</math> to Run out!</b>

## Other displays

Red light flashing once every 3 seconds with the " r " Display

Red light flashing once every second with the fluid levels 1 and 0

Fluid level together with "Bat Low"

Fluid level digit flashing – the level is more than 24 hours old and may no longer be valid!

**C** means "Connection Fault"

## Reason

Display has not heard from the transmitter since the display was last plugged in and switched on

Indicates that your tank is low 1 is from  $\frac{2}{10}$  down to  $\frac{1}{10}$ , 0 is from  $\frac{1}{10}$  to Run Out!

You will soon need a new Power Tube battery\*. As long as your level display is not flashing it is valid

Display has not heard from the tank transmitter for over 24 hours – may be due to a flat Power Tube Battery\*

This indicates that damage may have occurred to your Watchman transmitter and it has an internal fault. A replacement product will be required, please contact Sensor Systems

\* Please call Sensor Systems to locate your nearest power tube stockist

# **Watchman** *Niveau* **User Instructions**

## **Operation**

On start-up the transmitter will transmit the level every 6 seconds for 10½ minutes and then, in normal operation, will update the level once every hour or within 15 minutes of a level change. If the Watchman display has not heard from its transmitter for more than 24 hours the number displayed will flash to indicate that it is older than 24 hours and may not now be valid.

## **How to change Power Tube battery or reboot your system**

- 1 Switch your Watchman Niveau display off and on again – you will see the serial number displayed followed by “r” standing for rest or reset
- 2 Unscrew and remove the Power Tube from your transmitter, wait for 2 minutes and then screw on your new Power Tube (if replacing). The action of fitting the Power Tube to the transmitter will reboot the system
- 3 Within a few minutes your Watchman Niveau will display your tank level

**Remember to dispose of your old power tube thoughtfully and in accordance with local regulations. The power tube contains alkaline cells and must not be exposed to excessive heat or put in a fire.**



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