

Changing The Dessicant on Vented Sensors

What is the desiccant tube and what do I do with it?

The desiccant tube prevents moisture in the air from being sucked into the vent tube, which can cause erratic readings and sensor damage. Install the sensor so that the desiccant tube will not flood or lie in the water.

The desiccant is a bright blue color when active and dry. As moisture is absorbed the color will begin to fade becoming light pink, indicating full saturation and time to replace. The life of the desiccant varies depending on the environment in which it is installed. The damper the environment or the higher the humidity, the more often the desiccant will need to be replaced. Inspect the desiccant every few weeks, until you know how it responds in your particular environment. Replacement desiccant tubes and desiccant refill bottles can be purchased from Van Walt Ltd, please call 01428 661 660 or email sales@vanwalt.com for a quotation.

Maintenance of Desiccant Tubes On vented sensors

Inspect the desiccant tube at least once every two months. The desiccant tube is filled with blue silica gel beads. A locking barb and a hydrophobic water filter are attached to the end of the desiccant tube. This filter prolongs the life of the desiccant as much as three times over a desiccant tube without the filter.

Install the sensor so that the desiccant tube will not flood or lie in the water. The desiccant is a bright blue color when active and dry. As moisture is absorbed the color will begin to fade, becoming a light pink, which indicates full saturation and time to replace.

Replacement desiccant and hydrophobic filters can be purchased from Van Walt Ltd; please contact Van Walt for more information.

To Change the Desiccant

Pulling gently remove the black tube fitting from the clear desiccant tube. Using needle-nose pliers, remove the dark grey foam plug. Do not discard the plug. Tip out the old desiccant beads and refill with new desiccant beads, the old beads can be dried out on a radiator. Tap desiccant tube frequently during refilling to ensure that the beads are fully seated in tube. Push the foam plug back into the tube. Reinsert the black fitting.

