

**CASE STUDY PRODUCT:**  
**DAVEY AQUASHIELD 3 STAGE UV AND FILTRATION SYSTEM**

**DAVEY DEALER:**  
**PK Equipment**  
72 MacAlister Street,  
Sale VIC 3850



# “No Nasties for Wildlife Warriors” Josh Neille’s Experience with the Davey AquaShield 3 Stage UV and Filtration System

Josh Neille, a dedicated Australian native wildlife rehabilitator in the Gippsland Region of Victoria, faced challenges in ensuring clean and safe water for his rehabilitation efforts. His outdoor rainwater tank, located at ground level, often collected frogs, bugs, and sediment from high winds, leading to potential bacterial contamination. For Josh and his partner Amber, maintaining optimal health was critical—not just for themselves but also for the animals they care for. A reliable water filtration system became a necessity to avoid disruptions in their crucial wildlife rehabilitation work.

## The Challenge

Previously, Josh relied on a basic mesh strainer to filter his rainwater. However, this setup proved inadequate in addressing suspended solids, bacteria, and other impurities that entered the tank. Contaminated water posed health risks, and any illness could jeopardise their ability to care for wildlife, as there was no alternative support system available. Moreover, peace of mind was a major concern—Josh needed a system that provided transparency about its operational status and reliability.

## The Solution

Davey Master Dealer Pete and the team from PK Equipment in Sale chose the Davey AquaShield 3 Stage UV and Filtration System (KMCXS), which features an advanced three-stage filtration process including UV disinfection technology. Its robust capabilities addressed Josh’s needs for a dependable and user-friendly solution.

Key features of the Davey system that made it ideal for Josh include:

### 1. Advanced Filtration and UV Disinfection:

- The initial two stages of filtration remove sediment, suspended solids, and impurities.
- The third stage UV light eliminates harmful bacteria and pathogens, ensuring safe, potable water.

### 2. User-Friendly Features:

- A Xtra Smart controller with diagnostics and real-time status updates eliminates guesswork, notifying users of any potential issues like blown or expired UV lights.
- Its single manifold design minimises the risk of leaks, offering reliable performance in all conditions.

### 3. High Build Quality and Easy Maintenance:

- Made with polished 316L stainless steel, the system is durable and efficient with flexible installation options.
- The system is equipped with a 10,000 hour (14 month) UV lamp, offering long-lasting service life.

### 4. Peace of Mind

- The Davey AquaShield’s high flow and treatment capacity means it can offer protection for up to 7 outlets all on at once.
- The system’s all-in-one design prevents water leaks in living spaces, an important consideration for Josh.
- It provides assurance that the water quality will remain safe, protecting Josh and his family’s health





**CASE STUDY PRODUCT:**  
**DAVEY AQUASHIELD 3 STAGE UV AND FILTRATION SYSTEM**



### The Results

Since installing the Davey AquaShield 3 Stage UV and Filtration System (KMCXS), Josh has seen a noticeable improvement in water quality. Suspended solids and impurities are no longer an issue, and the UV disinfection gives him confidence that harmful bacteria are eliminated. This peace of mind allows him to focus entirely on his rehabilitation work without concerns about waterborne illnesses.

Moreover, the system's intuitive monitoring features ensure Josh is always aware of the system's status, enabling timely maintenance and consistent performance. The streamlined design fits seamlessly into his setup, avoiding any potential complications.

"Having this new filtration system installed with the fine filters and UV light has been transformative. The water is a lot cleaner, and I have peace of mind knowing harmful bacteria are eliminated. If Amber and I fall ill, there's no one else to care for the animals, so this system is a game-changer for us. Its reliability, ease of maintenance, and quality have exceeded my expectations." Josh Neille states.

### Why Davey?

The Davey AquaShield 3 Stage UV and Filtration system is engineered to provide safe and reliable drinking water for rainwater, bore water\*, and surface water\* sources. With industry-leading durability, advanced diagnostics, and user-friendly design, it's the perfect solution for small to medium-sized homes or specialised applications like wildlife rehabilitation.

Josh Neille's success with the Davey AquaShield 3 Stage UV and Filtration system highlights its ability to deliver safe, clean water with minimal maintenance. For individuals and families relying on rainwater or other natural sources, this system ensures health, reliability, and peace of mind, making it an invaluable tool for homes and specialised setups alike.

\*Subject to water quality

