

**CASE STUDY PRODUCT:**  
DAVEY 5290HRS2 FIREFIGHTER

**DAVEY DEALER:**  
**Sydney Pumps**  
33 Parraweena Road,  
CARINGBAH NSW 2229

# Remote Fire Suppression System for Weekender Property in NSW

Nestled in the picturesque landscape of Wisemans Ferry, New South Wales, a weekender stood vulnerable to the ever-present threat of bushfires. The owner, recognising the need for robust fire protection even in their absence, sought a solution that would provide peace of mind and safeguard their cherished retreat. This is where Davey Water Products, in partnership with Sydney Pumps, stepped in to deliver an innovative and reliable fire suppression system.

## The Challenge

The holiday home required a fire suppression system that could:

- Provide effective protection against bushfires
- Operate remotely, allowing activation even when the owners were not present
- Integrate with an existing ring main and open sprinkler system
- Draw water efficiently from an on-site water source
- Perform reliably in various weather conditions
- No cellular service available at the site

## Our Solution

Michael and Rachel from Sydney Pumps; a Davey Master Dealer recommended the Davey 5290HRS2 Remote Start Firefighter pump. This solution was chosen for its:

- Remote activation capabilities, allowing the owner to start the system from anywhere
- High-performance output, suitable for the property's fire suppression needs
- A high gain directional antenna and low loss coax was suggested and installed, to receive the necessary cellular reception



- Compatibility with the existing ring main and open sprinkler system
- The entire system was installed using galvanised pipe with impact sprinklers drawn from above ground water tanks
- Durability and reliability, crucial for a system that may sit idle for extended periods but must perform flawlessly when needed

The Davey 5290HRS2 was set up to draw water from the property's water source (either a dam or a tank) and distribute it through the existing ring main to the open sprinkler system.

## Implementation and Results

The installation of the Davey 5290HRS2 Remote Start Firefighter pump resulted in:

1. A comprehensive fire suppression system that can be activated remotely
2. Increased peace of mind for the property owner, knowing they can protect their weekender even when not present
3. Efficient integration with the existing water infrastructure
4. A reliable solution designed to perform when needed most

The customer expressed satisfaction with the solution, citing the confidence it provided in protecting their property against potential fire threats.

Davey Water Products and Sydney Pumps were able to provide a solution that addressed all the customer's needs. The remote start feature of the 5290HRS2 was crucial for a weekender that if unoccupied could still be protected. Davey's reputation for reliability gave the customer confidence in the system's performance. The pump's compatibility with existing infrastructure minimised installation complexity. As a Davey Master Dealer, Sydney Pumps provided expert advice and installation services.

