



CASE STUDY

AGRICULTURE & IRRIGATION

Jarrahdale Orchards

Perth Hills, Western Australia · 2 × FW100

Overview

Jarrahdale Orchards irrigates its pome and stone fruit from bore-fed ponds. Two Filtaworx FW100 automatic filters keep suspended material out of the irrigation network.

The Results

2 × FW100

Independent filtration systems across the orchard

120 µm

Screen protecting the irrigation network

Automatic

Screen cleaning powered by line pressure

Continuous

Filtration through the growing season



The Challenge

Jarrahdale Orchards is a commercial grower of pome and stone fruit in the Perth Hills, WA. Crop health and yield depend on reliable irrigation right through the growing season.

The irrigation water comes from bore-fed ponds and carries suspended material. Left in the water, it reaches the irrigation infrastructure downstream.

The orchard needed filtration that runs continuously and cleans itself, without someone on hand to service it.

The Solution

Two Filtaworx FW100 Automatic Self-Cleaning Screen Filters, installed as separate systems at different points in the irrigation network.

Each filter carries a 120 micron screen and a hydraulic rinse controller, and runs at about 6 bar. The controller uses the available line pressure to clean the screen when needed, with no separate power or operator required.

THE FILTER IN THIS INSTALLATION

Filtaworx FW100

DN 100 • Hydraulic drive

filtaworx.com/products/automatic-filters/fw100

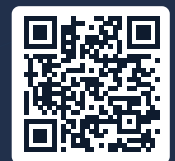


TALK TO US

Have an application like this one?

Send us your flow rate, line pressure and what needs filtering out.
We'll size it — and say so if we're not the right fit.

sales@filtaworx.com • filtaworx.com



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