

nairn

Smart Valve

Tired of constantly attending your pump shed to adjust your gate valve?

Want to protect your irrigation system and extend its lifetime?

Nairn Smart Valve can give you control on up to three zones of feedback, select from:

- Flow
- Delivery pressure
- Motor current
- Well level
- Suction pressure

The Nairn Smart Valve controller is connected to an actuated butterfly valve, fitted to the pump head works. The controller monitors the mainline, constantly adjusting the valve to maintain control.

"Since we installed the Nairn Smart Valve we have not exceeded our ECAN consented flow rate."

**DAVE TURNER
RAKAIA ISLAND**



Get ahead of the game and irrigate with peace of mind using Nairn Smart Valve - motorised valve control for submersible pump, surface pump or scheme water users.

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Case Study

DAIRY FARM - CANTERBURY

Alistair Rayne has a dairy farm in Darfield and was tired of constantly attending his pump shed and adjusting his gate valve. When the submersible pump was upgraded, high pressure faults and over pumping became an issue. Alistair installed the Nairn Smart Valve and had it set up for flow control early season then for automatic pressure control using a soft starter later in the season.

Since installing the Nairn Smart Valve he hasn't looked back:

"Before we set up the flow control valve we had to constantly monitor the flow and adjust the gate valve to suit each pivot and swing arm positions." says Alistair. "It was a constant battle, took up loads of time and was a right pain."

"Now with the Nairn Smart Valve installed we get excellent flow control, perfect" Alistair says.

"It just makes life easier and I don't have to worry so much about the irrigation system."



Reasons why you should use Nairn Smart Valve:

- Restrict your pump when filling an empty line.
- Limiting your pump on flow to protect your well from over pumping.
- Prevents surface pump overloading during starting.
- Extra high pressure and low flow protection, in the event an irrigator fails to open.
- Pump cycling protection to minimise pump damage.
- Can be installed on new and existing pump systems.
- Easily adjustable set points, local or remote changes.
- Automatic pressure system control available.

Nairn Smart Valve from Nairn Electrical - The Irrigation Specialists

With 1000's of irrigation control systems installed throughout the South Island since 1975, Nairn Electrical are the irrigation specialists. They work with all leading pumping companies and over the past 45 years have grown a strong reputation for quality work and superior service. Specialists in the design, manufacture, installation & commissioning of new irrigation control systems, retrofits & system upgrades.

