

INSTALLATION & OPERATION GUIDE

Please the installation guide before use

Purpose

This guide explains the installation and operation of the rain hose pipe eco series for low-pressure crop watering.

Before Installation

- Confirm hose size, length, and operating pressure range.
- Inspect the hose and punched surface for cuts, splits, or visible damage.
- Lay out the hose along the intended bed or crop area.
- Keep the punched face upward for normal spray distribution.
- Use suitable connectors and clamps for the selected layout.

Installation Procedure

1. Roll the hose out without sharp folds or kinks.
2. Position the punched face upward and align the hose along the crop bed.
3. Anchor or peg the hose at intervals where wind or movement could change its position.
4. Connect the inlet to the water supply using a compatible fitting.
5. Open the water supply gradually so the hose fills progressively.
6. Adjust the supply so operating pressure remains within 1 to 1.5 kg/cm².
7. Walk the bed after pressurising and verify that the spray pattern is reaching the intended area.
8. Flush the line before seasonal use or whenever debris may have entered the hose.

Operation and Precautions

- Do not exceed the specified operating pressure.
- Do not open the valve abruptly; gradual pressurization keeps the flat hose from rolling or shifting.
- If the spray moves significantly to one side, depressurize, reposition, and secure the hose before restarting.
- Do not drag the hose over sharp stones, edges, or abrasive surfaces.
- Avoid making unsupported assumptions about filtration requirements; instead, adhere to the water-source and system design requirements.
- The actual spray width varies with pressure, wind, and installation conditions.

Storage

After use, drain the hose, let it dry as much as possible, roll it without sharp kinks, and store it away from direct sunlight, rodents, sharp objects, and unnecessary mechanical damage.