

# NutriCare™ ECO

Better Yields. Greater Profits.



## Features & Benefits



### Adjustable flow meter

To adjust injection rate, special flow meter is provided.



### High Quality, Pressure & Flow Generating Booster Pump (Optional)

High quality booster pump is provided to create required pressure and flow rate



### Robust & Compact Aluminium Frame

Easy for installation due to Light weight. Compactness consumes less space & provides aesthetic appearance.



### Multiple Venturi arrangement

Two venturi injectors are arranged for optimum injection of fertilizers



### High Quality Venturi Injector Manifold

Inbuilt heavy duty & high performing venturi Injector. Quick & Easy replaceable components



### Air release valve

To remove the air specially designed air release valve is provided.

# NutriCare™ ECO

## Specification:

- Model has manifold with 2 Injectors.
- Used High Quality Non-return Valve.
- Adjustable flow regulator and flow meter to limit the flow as per requirement.
- It consists of high performance pressure booster pump. Pressure booster pump is used to make the pressure difference and to push the fertilizer in to the main line.
- Electrical control panel for Nutricare-ECO (Optional).
- Pressure Gauge: to check the inlet and outlet pressure.
- Nutricare-ECO available in following:
  - Two fertilizer channels.
  - Fertilizer suction rates up to 600 lph (Each channel)
  - Inlet/Outlet – 2”.

## Features

- Enables precise management of nutrition schedules & judicious use of fertilizer.
- Efficient fertilizer, water and energy conservation.
- Accurate fertilizers dosing by injection of continuously during irrigation cycles.
- Connection capability with wide range of irrigation water.
- Engineering design of venturi makes it accurate in suction and injection.
- Suction rate of venturi can be visualized and flow rate can be adjusted by adjustable type flow meter.
- Injection of fertilizer can be set manually.
- Electrical control panel provides all protection for machine.
- No need of external controller to operate the fertigation machine.

## Application

- Application for precise nutrition management of crops in open field, Green house, Research purpose etc.
- It is best used in following irrigation techniques:
  - Drip irrigation: In open field and green house.
  - Sprinkler (Rainport ) irrigation: in open field
  - Mini/ micro sprinkler irrigation: in open field and green house.
  - Raingun irrigation: in open field.
  - Boom irrigation: In hi-tech green house.
  - Central pivot irrigation; in open field.

\*\*\*\*\* Nutricare

- ECO is available in two models:
- Without booster pump
- With booster pump

\*\*\*\*\* Company can provide customized machine on demand.

## Order Specification:

|          |                    |
|----------|--------------------|
| JNE40X50 | XXX                |
|          | Feature            |
|          | WP - With Pump     |
|          | WOP - Without Pump |

**Example:** JNE40X50WP - This code represents Nutricare ECO with pump.

