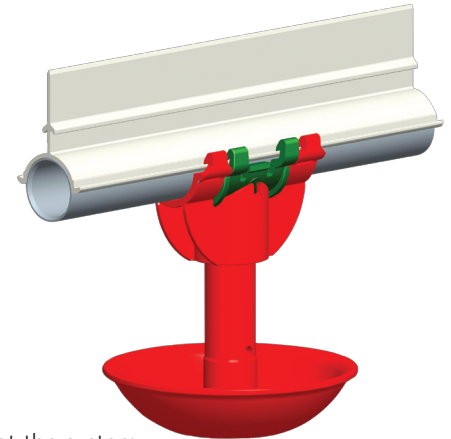


Plasson Easy Start (ES)

For Turkey Poults (up to 8 weeks)

Please read all instructions before using this system.
The following are general recommendations:



1. The ES system is assembled on the Plasson Nipple system.
2. Always use the long connecting piece (02209015) for the Aluminum profile.
3. Nipple type for this application: Dark Green or Grey.
4. Recommended number of Turkey Poults per ES: 20-25.
5. Recommended number of ES per 3 m (10') section: 6-8.
6. Maximum length of line: 80 m (260 ft).
7. Before operating the system, at the start of each new flock and after any treatment the system must be flushed thoroughly with high pressure.

To Flush - See cleaning guide overleaf.

Operation

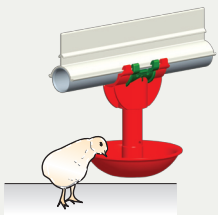
1. Before placing birds make sure the lines are leveled.
2. The ES tray should be filled with water before the Poults arrival. This can be done easily by shaking the ES Line.
3. The water pressure and height of the ES system should be adjusted periodically.

Following is a guideline (Water level in sight tube should be measured from the centre of the pipe):

- The birds activate the ES by moving the tray to the side. To increase the amount of water, raise the water pressure in the ES line and / or raise the ES line height. To reduce the amount of water, lower the water pressure in the ES line and / or lower the ES line height.
- Adjust the ES to the proper drinking height, always keeping the ES lip slightly higher than the poult's back. The poults should drink easily and be able to slightly move the ES.
- Keep water level at 1/3 to 1/2 of the ES tray.

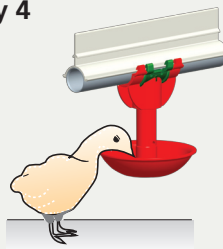
Height and pressure of ES System guide line:

Day 1



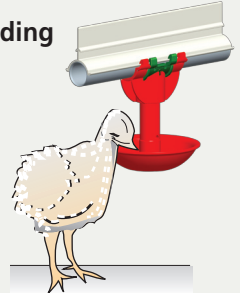
Water Pressure 37 cm (15")
Bottom of cup - 1.5 cm (1/2") above floor

At day 4



Reduce the pressure to 20 cm (8")
Adjust line height periodically

Till end of brooding



Lowering the pressure may be needed
Adjust line height periodically

- If there appears to be an overcrowding of birds around the ES line and the water level is too low, pressure should be raised to increase the water supply. If there is more dampness than usual and the water level is too high, lower the water pressure.
- The ES should hang freely, make sure nothing is touching the ES, as this may cause it to flood.

Important! Please Note

1. If water is supplied from the main pipe line, incoming pressure to header kit should be 1.5 bar (22 psi), max. 2.0 bar (30 psi). If water is supplied from a water tank, the water tank bottom should be at least 4 m (13 ft) above floor level.
2. A filter must be installed before the header kit.
3. Line must be level. Maximum permitted drop of line without using Plasson Slope Regulator: 15 cm (6").
4. It is highly recommended to install an Anti perch Shocker System.

Guide to Cleaning of Plasson Nipple System

The following are general recommendations:

- It is most important to keep an enclosed system free of bacteria, sludge, drug residues and hard water deposits.
- The type of water in each house should be verified and the appropriate solution chosen.
- The system must be flushed thoroughly with high pressure after medication and after applying any kind of solution.

How to flush:

- Open Line End Kit Valve at end of line.
- Turn Flushing Valve on Pressure Regulator to "Flush" position (half turn).
- Flush each line for a minimum of 10 minutes. Once completed, turn the Flushing Valve to "Regulate" position and then close the Line End Kit Valve.

Cleaning solutions and concentrations table

Type of Solution	Concentration	Stock solution for use with Medictor*	Frequency	Type of Water
Acetic Acid (Vinegar)	0.02%	64 fl. oz. white household vinegar +64 fl. oz. water = 1 gal. of stock	As required during grow out	Alkaline water
Acetic Acid (Vinegar)	0.04%	128 fl. oz. white household vinegar = 1 gal. of stock	Between grow outs	Alkaline water
Citric Acid	0.04%	1 pack 205 gr. citric acid+128 fl. oz. water = 1 gal. of stock	As required during grow out	Alkaline water
Citric Acid	0.17%	4 pack 205 gr. citric acid+128 fl. oz. water = 1 gal. of stock	Between grow outs	Alkaline water
Ammonia	0.025%	4 fl. oz. clear household ammonia +124 fl. oz. water = 1 gal. of stock	As required during grow out	Acid base water
Ammonia	0.1%	16 fl. oz. clear household ammonia +112 fl. oz. water= 1 gal. of stock	Between grow outs	Acid base water
Active Chloride (Chlorox)	2 - 3 PPM	16 fl. oz. chlorox + 112 fl. oz. water = 1 gal. of stock	The last 3 days of each grow out	Any type of water

Do not allow chlorinated water to remain in pipes when system is not in use between flocks.

* Medictor ratio - 128 parts of water to 1 part of stock solution.