PLASSON®

Plasson Breeder Nipple (18 weeks to finish*)

Operation Instructions

Please read all the instructions before using the Plasson Breeder Nipple system.
The following are general recommendations:

1. Check your installation:

- If water is supplied from the main pipeline, incoming pressure to the header kit should be 1.5 bar (22psi), max. 2.7 bar (40psi).
- If water is supplied from a header tank, the header tank should be at least 4 m (13 ft.) above floor level.
- A 130 micron or 120 mesh filter cartridge or better must be installed before the header kit.
- Lines must be suspended at a constant height above the house floor (slats/litter).
- For lines with more than 10cm (4") of fall or slope, be sure to install the header kit on the high end of the line and allow the water to flow downward. Maximum permitted drop of line without using Plasson Slope Regulator: 10 cm (4").
- Maximum length of line 80 m (260 ft.). For longer lines, a Plasson Mid Line Pressure Regulator can be used.
- Shocker wire must be installed. The aluminum profile must be grounded. It is recommended to perform the grounding using Plasson Grounding Nipple (4 suspension clips per section).

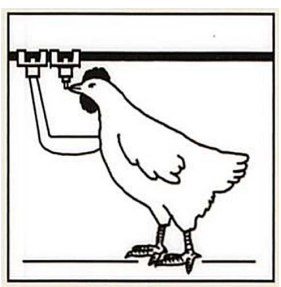
2. Before operating the system and prior to placement of birds:

- At the start of each new flock and after medication, the system must be flushed thoroughly with high pressure, one line at a time (for details see Plasson Guide to Cleaning Water Lines). To flush:
  - Open drain valve at end of line
  - Turn valve on Pressure Regulator to "flush" position (half turn)
  - We suggest a minimum of 10 minutes per line. Once completed, turn the valve to "regulate" position and close drain valve at the end of the line.
- Set the water pressure (initial setting) to 25 cm (10").
  (Water level in sight tube should be measured from the center of the Nipple line pipe)

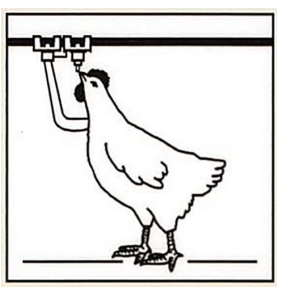
3. During the flock:

Periodically set column pressure to meet the following conditions (Note: A higher pressure will give more water volume through the nipple**):

- The nipple volume is high enough to satisfy the birds' requirements. It is important to routinely inspect the end sight tube to be sure water is always available during peak demand. If not available at peak, increase the water column pressure at the regulator. Even at peak consumption water should reach the end of the line.
- An indicator for proper column pressure is that floor conditions (slat or litter) remain in good condition throughout the different seasons and production cycles. Column pressure set too high or lines set too low could result in wet conditions. Column pressure set too low could result in lower production results.
  The pressure setting requirement can be influenced by many factors such as weather, birds per nipple, feed, flock health, ventilation and length of lines.
  In general, water pressure should be kept as high as possible while keeping acceptable litter conditions.
- Nipple line height: follow the sketch hereunder for both females and males



Placing Day



Day 2 and on

- Clean the filter periodically according to water quality
- It is good practice to run clean water through the Medicator after each medication

4. After taking the birds out:

- Clean the lines following Plasson Guide to Cleaning Water Lines
- Keep the lines filled with water except under freezing conditions

* For pullets rearing and for All-In All-Out applications the Breeder nipple cannot be used, in these cases be sure to use the Plasson Pullet Nipple

** The Water On Demand System could help provide optimum water usage during peak consumption while automatically allowing lower pressure settings and less spillage during lower activity periods.

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