



## Grey Nipple with Tray Operations Instructions



**Please read all the instructions before using the PLASSON Nipple system**

### 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 (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/litter (parallel to the floor).
- 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: 15 cm (6").
- Maximum length of line 120 m (400 ft.). For longer lines, a PLASSON Mid Line Pressure Regulator can be used.

## 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 according to the following recommendations.  
(Water level in sight tube should be measured from the center of the Nipple line pipe)

**Note:** Installing PLASSON'S Automatic Flushing System will simplify flushing of lines.

## 3. During the flock:

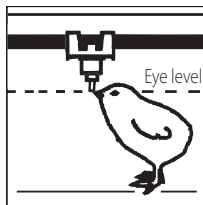
- The water pressure should be adjusted periodically\*. Following is a guide-line:

No.	Day 1	Day 14	Day 21	Day 28	Day 35	Day 42 and on
Winter:	10cm (4")	10-13cm (4-5")	10-15cm (4-6")	13-20cm (5-8")	15-25cm (6-10")	20-40cm (8-16")
Summer:	10cm (4")	10-15cm (4-6")	13-20cm (5-8")	15-25cm (6-104")	20-40cm (8-16")	25-56cm (10-22")

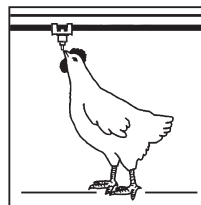
To optimize performance, set the pressure as high as possible while keeping acceptable litter conditions.

- Flush the lines periodically in order to supply cool and fresh water; especially during the first week when due to very low consumption the water in the Nipple lines may warm up.
- Check daily if the height of the nipple lines is appropriate and adjust accordingly.

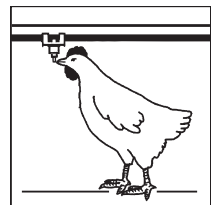
During the first two hours



After two hours until marketing day



Under extreme conditions of heat and humidity



Under extreme conditions of heat and humidity, if birds are stressed (or before marketing) it is recommended:

- To lower the lines.
- To flush the lines in order to supply cool and fresh water.

\* PLASSON'S Water On Demand System can operate a 24 hour varying pressure profile - providing optimal water supply during peak consumption, and automatically allowing lower pressure settings and less spillage during lower activity periods.