



Feeding



Drinking



Climate



Drinking Systems for Breeders & Pullets



Nipple Systems for Breeders & Pullets

PLASSON provides a full range of nipple systems for breeders and pullets, allowing you to choose the nipple and flow rate tailor made to your poultry needs.

Superbly suited to hot climates

PLASSON'S watering systems are customized to meet the demands of any climatic condition, with special expertise in excessively hot climates.

Standing the test of time

PLASSON'S superior nipple systems are specially designed and produced of the highest quality materials to withstand the ravages of active breeders and pullets for many years.

Every nipple, quality tried and tested

PLASSON is known worldwide as a leader in quality systems. Every nipple leaving PLASSON'S manufacturing facility undergoes quality testing using specially developed computerized testing systems. PLASSON'S investment in advanced R&D, trained staff, and the use of the highest quality materials are your promise for optimum performance.



Double Sealing - Only two moving parts

The PLASSON Breeder Nipple has a double sealing mechanism which consists of only 2 moving parts. This simplicity contributes to the proven successful leak proof operation.



General Guidelines for Breeders

| PLASSON'S Nipple | No. of birds/nipple |
|-----------------------------------|----------------------|
| Brown, Dark Gray with Tray | 8-10 Breeders-Female |
| Dark Gray with Tray | 5-6 Breeders-Male |

General Guidelines for Pullets, Pullets Evolving to Breeders

| | |
|---|-----------------------------------|
| Violet, Dark Blue with/ without Tray | 8-10 Pullets / Breeders-Female |
|---|-----------------------------------|

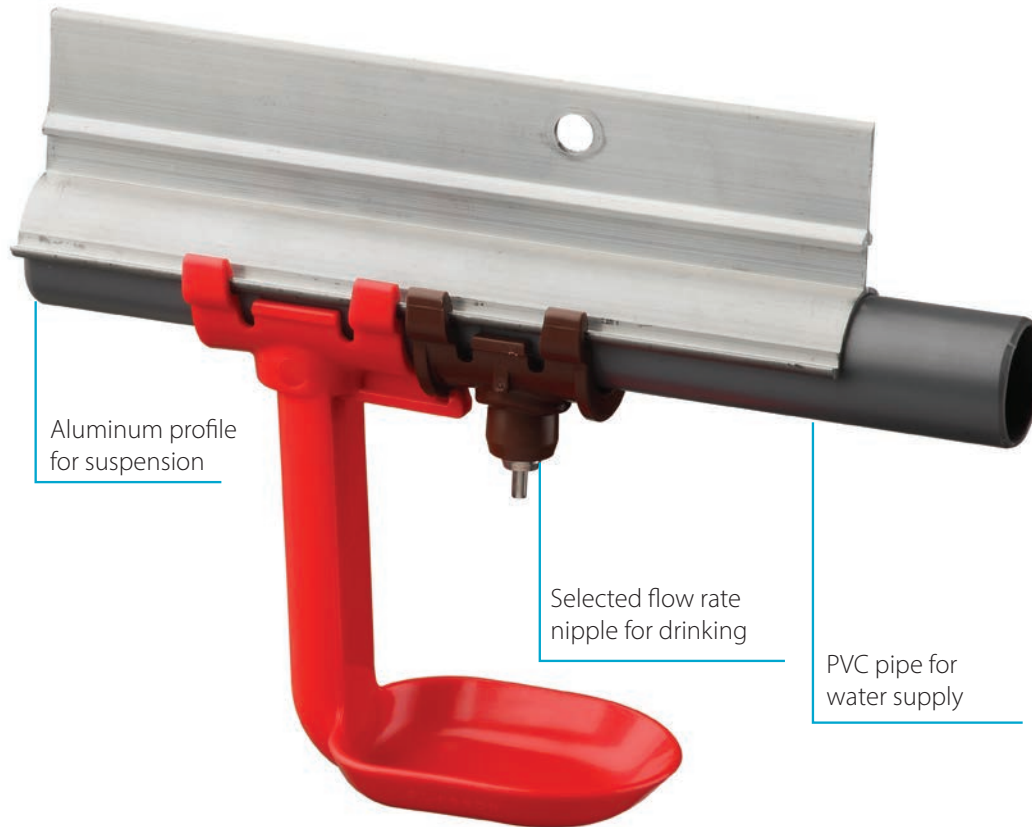
The above are general guidelines only. Specific types of nipples and number of birds per nipple should be determined according to the structure and conditions of the poultry house, climate conditions, ventilation and the type and weight of the birds. For optimal results, please consult with a PLASSON expert.



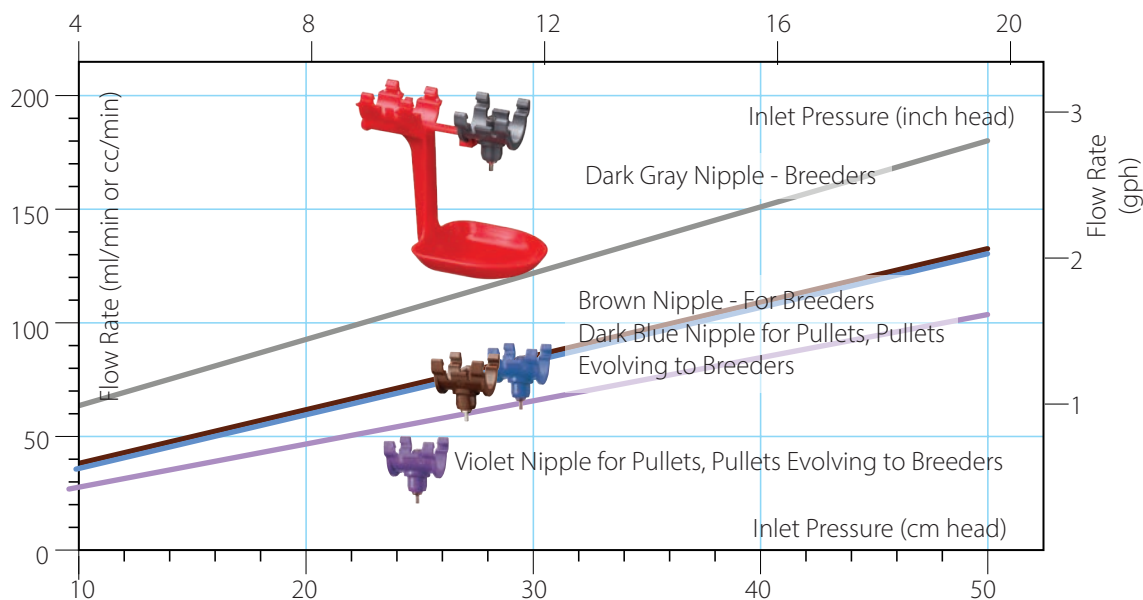
Structural simplicity means ultimate reliability

One integrated system consisting of only 3 parts.

This integrated system provides performance that is both reliable and maintenance free.



Flow Rate vs. Inlet Pressure



Bell Drinkers for Breeders

PLASSON makes the world's most reliable poultry drinkers - the "standard of the industry". For more than 50 years, no competitive drinker has been able to match PLASSON'S features and benefits.

The PLASSON breeder drinkers are made of a rugged high-impact plastic, formulated to withstand the ravages of the active breeder house for many years.

The unique feature of PLASSON breeder drinkers is the ballast bottle, which acts independently of the bell and eliminates wear on the valve mechanism.

PLASSON drinkers are supported by a worldwide network of authorized distributors who provide expert installation, full service, and a complete line of PLASSON products and original spare parts.



1. Approximately 10-12 PLASSON breeder drinkers are needed per 1000 adult birds.
(In hot climates, 12-14 drinkers per 1000).
2. For optimum efficiency, the working pressure is as follows: Breeder Drinker 0.4-0.6 bar (6-8 psi).
Compact Breeder Drinker 0.4-0.8 bar (6-12 psi).
3. The pressure can be regulated by means of a pressure regulator or via a head tank.
4. The ballast bottle should be completely filled with water up to the water level line. In frost prone areas, add antifreeze to the water.
5. Adjust drinkers to the proper drinking height, always keeping the drinker lip a little higher than the bird's back.
6. Keep water level in the bell trough as low as possible.



Installation requirements

1. 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.
2. A 130 micron or 120 mesh filter cartridge or better must be installed before the header kit.
3. 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").
4. Maximum length of line 80m (260ft.).
5. Always use the long connecting piece (2209015) for the aluminum profile.
6. In breeder houses and pullet houses, shocker wire must be installed. In such cases, the aluminum profile must be grounded. (4 suspension clips per section).
7. The PLASSON nipple drinker System is supported by a winching system. The maximum distance between drops is 3m (10ft.)
8. Before operating the system, 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).



Notes:

If wet litter develops around the drinker, check the following:

- **Is the water pressure too high?**
- **Is the water level in the bell trough too high?**
- **Are the drinkers raised high enough?**

Nipple System

Nipples

Nipples for Breeders

Breeder Nipple
Dark Gray
2205061



Breeder Nipple
Brown
2205012



Nipples for Pullets, Pullets Evolving to Breeders

Dark Blue Nipple
for Pullets
2205280*



Violet Nipple
for Pullets
2205282*



Threaded Nipples for Breeders & Layers

Threaded Breeder Nipple
Dark Gray
2205362



Threaded Nipples for Pullets Evolving to Breeders & Layers

Threaded Nipple
Dark Blue
2205360



Threaded Nipple
Violet
2205354



Breeder Tray
2205521



Snap On Plug for
Nipple (with O-Ring)
2205262



* We recommend adding supplementary drinker for the first few days

Pressure Management Systems

Line Head Kit
220507AMK2



Two Way Header Kit
220507FMK2
220507WMK2

Line End Kit
220507I
1 unit per line



Line End Kit
High Pressure
220507HP
1 unit per line

Silicon Grease for Water
Systems Pack (50gr)
200902L

Slope Regulator
External Connector
220507H - 30 cm



List of Parts per 3m section

Nylon Cord
in 50m (164') Rolls
2100020
(approx. 3m (10') per section)



Cord Adjuster
2100010
1 unit



Suspension Clip
2209016
1 unit
(also used as shocker wire holder when
installed in pullet and breeder houses)
(Pullets & Breeders: 4 units)



Aluminium Profile for
External Connector - 9'9"
22005162



25mm PVC pipe - 3m (10')
2205131
1 unit



Available with a choice of
4,5,6,7,8,9,10,12,
or 15 nipples per section

Short Conn. piece Aluminum for
External Connector
2209023



Long Conn. piece Aluminum for
External Connector
2209024



External Connector
for 25mm PVC Pipe
2205035



1/4" Stainless Steel
Bolts x 10mm (3/8")
2209017
2 units



1/4" Stainless Steel Nut
2209018
2 units



Accessories

Nipple
Assembly Tool
2205420



Pliers for
Dismantling
Nipples
2205REM



Sight Tube Brush
2205416





Breeder Drinker

Clip
2100044



* Recommended number of drinkers per 1,000 adult birds: 10-12.

* Circumference of outer lip 110 cm. (44").

20m Nylon Cord
(7' per Drinker)
2100020



Cord Adjuster
2100010

Flexible Tube
(10' per Drinker)
(100' per roll)
2100024

Union 1/4"
(2 Units)
2100039

Mechanism Cap
2102035



O-Ring
2102038



Filter Element
2100056



Mechanism Pipe
2102036



Lock-nut
2100015



Water Level
Adjuster
2100017



Mechanism Spring
2102037



Valve Assembly
Complete
2100012



Mechanism
Complete
2102040



Breeder Drinker
Complete
2100000
10 units per carton



Bell
2102034



Bottle Hanger
2102041



Ballast Bottle
2102033



Valve Spring
2100013



Plunger
2100014



Washer
2100054



O-Ring
2100021



Valve Housing
2100016





Global Presence – Local Commitment



DIVERSIFIED
Agriculture LLC

556 Industrial Way West
Eatontown, NJ 07724

732-363-2333
Info@DiversifiedAg.com
DiversifiedAg.com