



## Drinking Systems for Breeders & Pullets



# Nipple Systems for Breeders & Pullets

PLASSON provides a full range of nipple systems for breeders and pullets which allows 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 ravage aggressiveness of the 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 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
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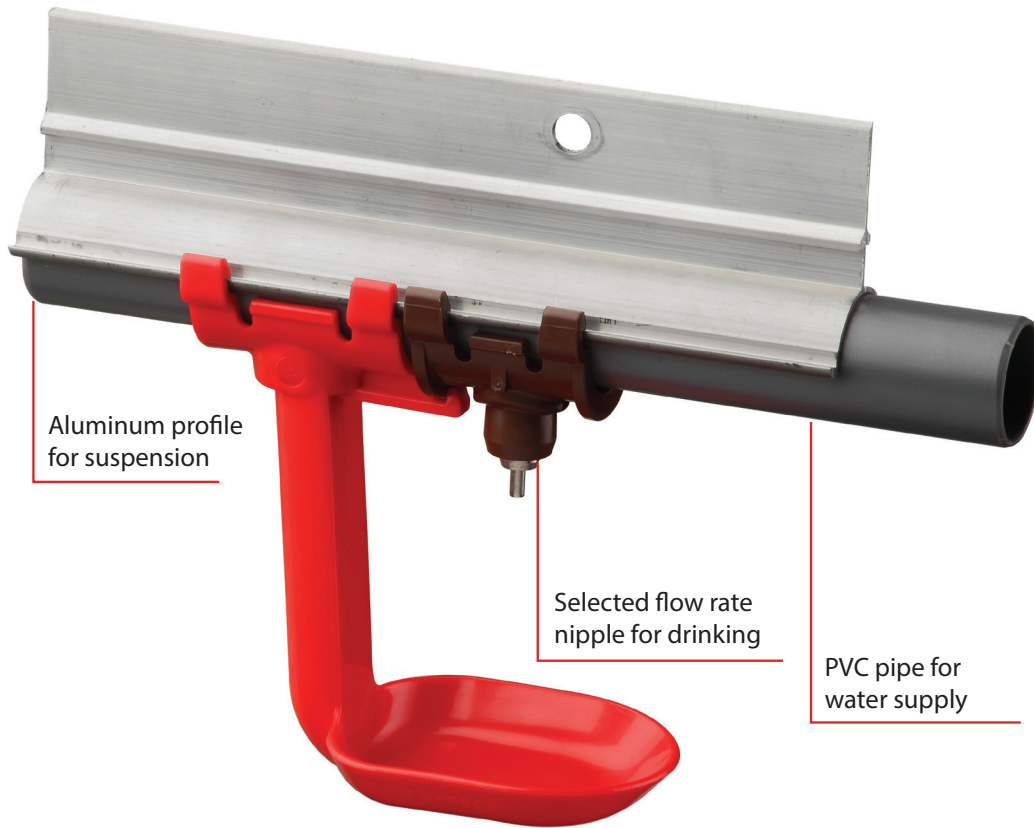
The above are general guidelines only. Specific types of nipples and number of birds per nipple should be determined according to the structure and conditions of the poultry house, climate conditions, ventilation and the type and weight of the birds. For optimal results, please consult with a PLASSON expert.



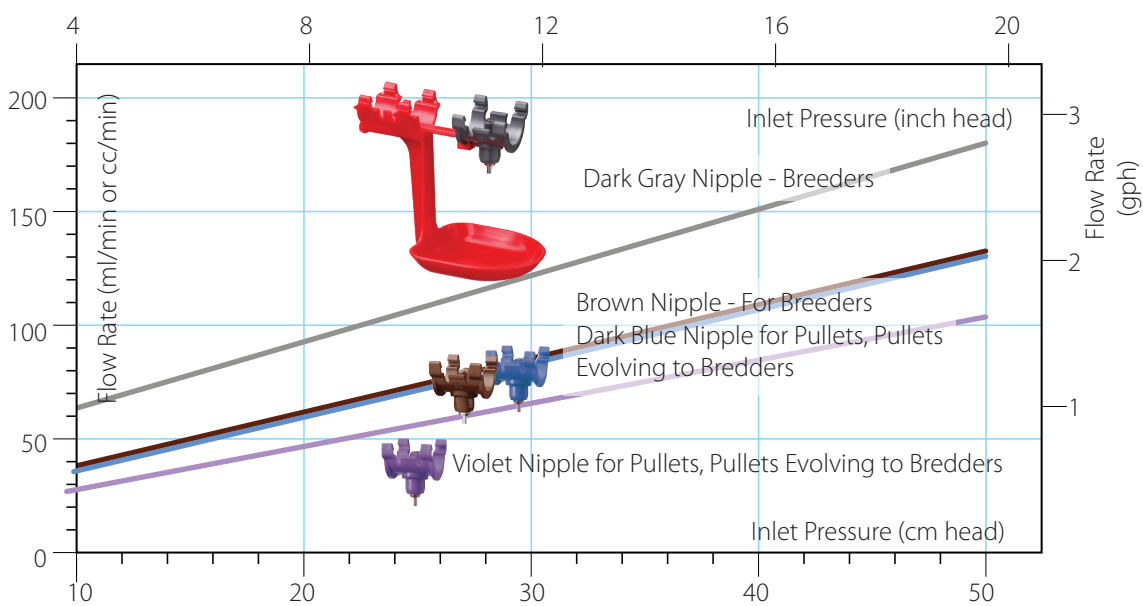
## Structural simplicity means ultimate reliability

One integrated system consisting of only 3 parts:

This integrated system provides performance that is both robust, 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 the 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 (02209015) 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 Grey  
02205061




Breeder Nipple  
Brown  
02205012




### Nipples for Pullets, Pullets Evolving to Breeders

Dark Blue Nipple  
for Pullets  
02205280\*




Violet Nipple  
for Pullets  
02205282\*




### Threaded Nipples for Breeders & Layers

Threaded Breeder  
Nipple Dark Grey  
02205362




Threaded Breeder  
Nipple Brown  
02205051




### Threaded Nipples for Pullets Evolving to Breeders & Layers


Threaded Nipple  
Dark Blue  
02205360




Threaded Nipple  
Violet  
02205354



Breeder Tray  
02205521




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




\* We recomend adding supplementary drinker for the first few days

## Pressure Management Systems


Line Head Kit  
02205730




Mid House Kit  
02205751




Line End Kit  
02205772  
1 unit per line



Line End Kit  
High Pressure  
02205779  
1 unit per line



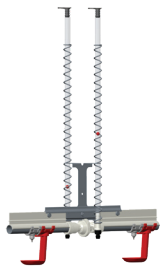
Filter 1"  
02209079  
1 unit per house



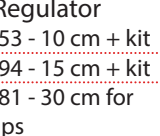
Flexible Tube 1/2"  
02209085  
(25M (82') roll)

Silicon Grease for  
Water Systems Pack  
(50gr)  
02300152

Slope Regulator  
External Connector  
02205407 - 10 cm + kit  
02205671 - 15 cm + kit  
02205669 - 30 cm



Slope Regulator  
02205253 - 10 cm + kit  
02205094 - 15 cm + kit  
02205081 - 30 cm for  
cage cups




## List of Parts per 3m section


Nylon Cord  
in 50m (164') Rolls  
02100084  
(approx. 3m (10') per section)




Cord Adjuster  
02100010  
1 unit




Suspension Clip  
02209016  
1 unit  
(also used as shocker wire holder when  
installed in pullet and breeder houses)  
(Pullets & Breeders: 4 units)




Aluminium Profile for  
External Connector -  
2.94m  
02205167




25mm PVC pipe - 3m (≈10')  
02205136/7/8/9/1/2/5  
1 unit  
Available with a choice of  
6,7,8,9,10,12,  
or 15 nipples per section




Short Conn. piece Aluminum  
for External Connector  
02209023



Long Conn. piece Aluminum  
for External Connector  
02209024




External Connector  
for 25mm PVC Pipe  
02205035



1/4" Stainless Steel  
Bolts x 10mm (3/8")  
02209017  
2 units



1/4" Stainless Steel Nut  
02209018  
2 units




## Accessories

Sealing Plug for  
Mid Line Pressure  
Regulator  
02205688




Nipple  
Assembly Tool  
02205420




Pliers for  
Dismantling  
Nipples  
02205616




Sight Tube Brush  
02205424



Siliphos Softener 1"  
In/Out 32mm Kit  
02205903



Chamfering Tool  
02207514





# Compact Breeder Drinker

# Breeder Drinker

**Clip**  
02100044

**20m Nylon Cord (2m per Drinker)**  
02100082

**Cord Adjuster**  
02100010

**Handle Hook**  
02140018

**Water Level Adjuster**  
02140009

**Mechanism Top**  
02140012

**Mechanism Lock Collar**  
02140011

**Stainless Steel Spring**  
02140016

**Washer**  
02140017

**Washer Support**  
02140015

**Mechanism Body**  
02140013

**Down Spout**  
02140014

**Bell**  
02140004

**Hanger Rod**  
02140007

**Hanger Ballast Nut**  
02140008

**Ballast Bottle**  
02140003

\* Recommended number of drinkers per 1,000 birds: 8-10.  
\* Circumference of outer lip 106 cm. (42 1/2").

**Inline Shut-Off (Optional)**  
02208025

**30m Flexible Tube**  
(3m per Drinker)  
5.7mm I.D.  
(9.0mm O.D.)  
02100077

**Union 1/4"**  
2 Units  
02100039

**Mechanism**  
02106030

**Broiler Drinker Complete**  
02140450  
20 units per carton

**Clip**  
02100044

**20m Nylon Cord (2m per Drinker)**  
02100082

**Cord Adjuster**  
02100010

**30m Flexible Tube**  
(3m per Drinker)  
5.7mm I.D.  
(9.0mm O.D.)  
02100077

**Union 1/4"**  
(2 Units)  
02100039

**Mechanism Cap**  
02102035

**O-Ring**  
02102038

**Filter Element**  
02100056

**Mechanism Pipe**  
02102036

**Lock-nut**  
02100015

**Water Level Adjuster**  
02100017

**Mechanism Spring**  
02102037

**Valve Assembly Complete**  
02100012

**Bell**  
02102034

**Bottle Hanger**  
02102041

**Ballast Bottle**  
02102033

\* Recommended number of drinkers per 1,000 adult birds: 10-12.  
\* Circumference of outer lip 110 cm. (44").

**Mechanism Complete**  
02102051

**Breeder Drinker Complete**  
02103250  
10 units per carton

**Valve Spring**  
02100013

**Plunger**  
02100007

**Washer**  
02100054

**O-Ring**  
02100021

**Valve Housing**  
02100016

## Drinking Systems for Breeders & Pullets



 **PLASSON**<sup>®</sup>  
Livestock



Feeding



Drinking



Climate



Housing

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