



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
-------------------------------------	--------------------------------

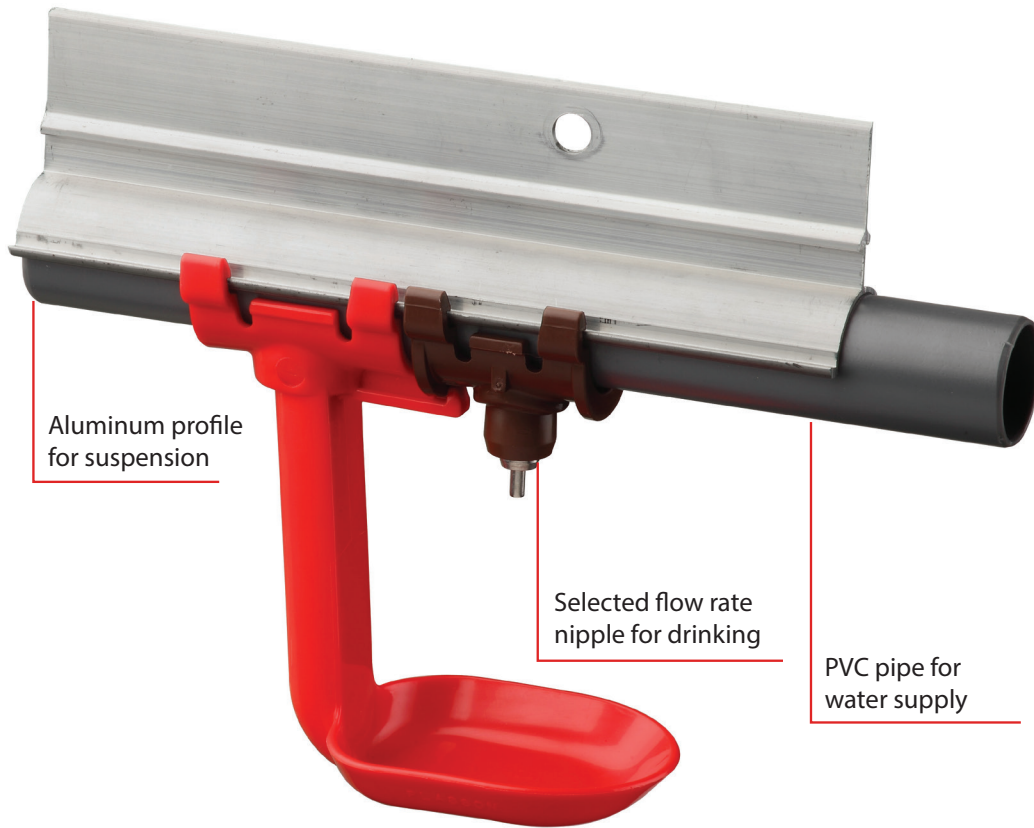
The above are general guidelines only. Specific types of nipples and number of birds per nipple should be determined according to the structure and conditions of the poultry house, climate conditions, ventilation and the type and weight of the birds. For optimal results, please consult with a PLASSON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



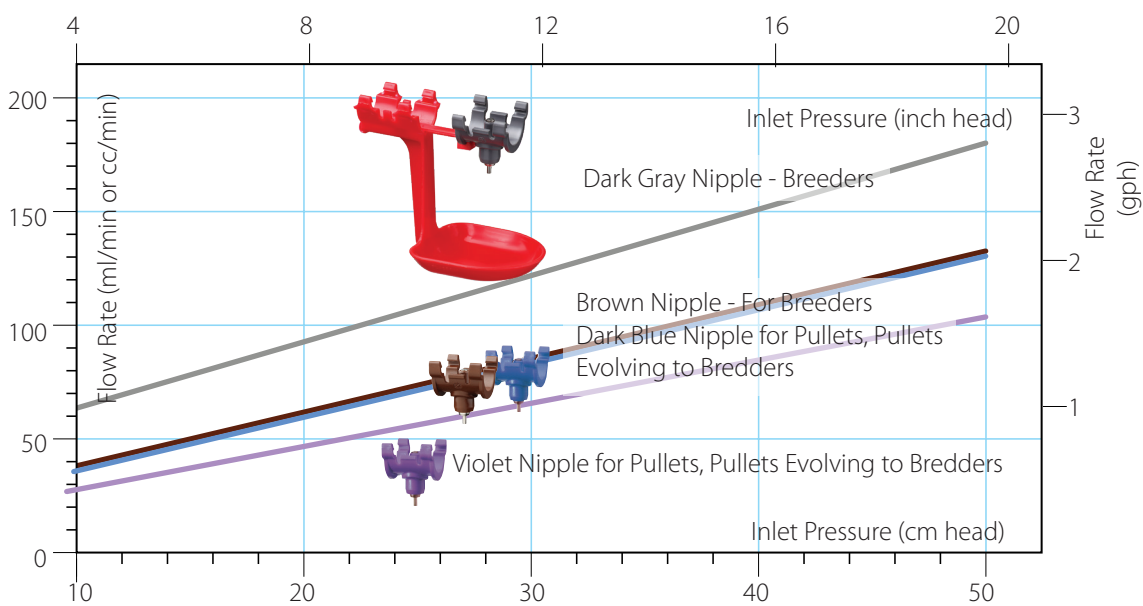
Structural simplicity means ultimate reliability

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.

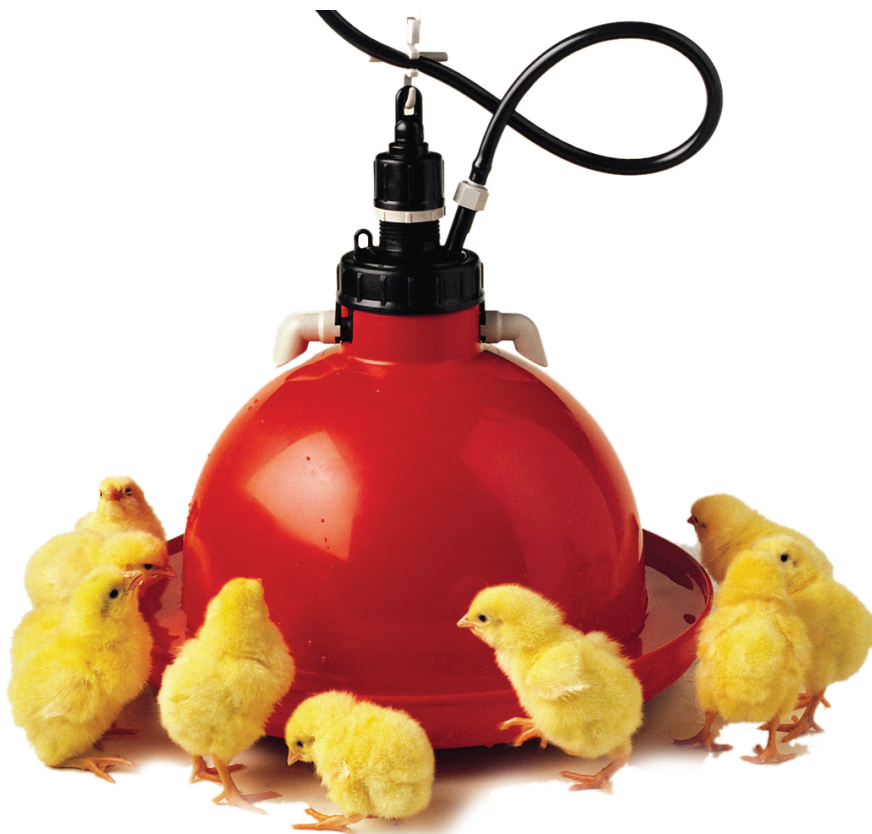


1. Approximately 10-12 PLASSON Breeder Drinkers are needed per 1000 adult birds. (In hot climates, 12-14 drinkers per 1000).
2. For optimum efficiency, the working pressure is as follows: Breeder Drinker 0.4-0.6 bar (6-8 psi). Compact Breeder Drinker 0.4-0.8 bar (6-12 psi).
3. The pressure can be regulated 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 recommend 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



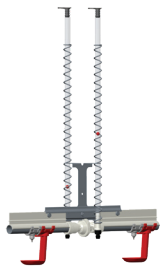
Filter 1"
02209079
1 unit per house



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**[®]
Livestock



Feeding



Drinking



Climate



Housing

Maagan Michael, D.N. Menashe, 3780500, Israel • Tel: 2413001-73-972+ • Fax: 2333711-73-972+ • info@plassonlivestock.com

www.plassonlivestock.com