

LUBING

4050/4095 BROILER DRINKER

OPTIGROW BROILER DRINKING SYSTEM



RELENTLESS QUALITY. EXCEPTIONAL SERVICE.

Our OptiGROW nipple is manufactured from specifically selected chemical resistant stainless steel and encapsulated in an enlarged engineered thermoplastic housing. This unique design has a larger diameter triggering pin for maximum droplet retention to attract your birds.

The soft triggering of young birds allows smaller volumes of water to be delivered while the more aggressive triggering of older birds allows larger volumes of water to be delivered. This precise water delivery feature allows the birds to consume the necessary amount of water that is critical at each stage of their life for peak performance.



FAST START



BIG FINISH

FEATURES AND BENEFITS

360° side action triggering - Our broiler nipples offer easy triggering and get day-old birds off to the best start.

Exact water metering at every age - As birds grow they naturally increase the upward pressure which increases the volume of water released.

Simplistic design - The nipple design includes an all stainless steel insert, multi-stage metering pin, and triggering pin, which is encased in a thermoplastic housing.

Square pipe advantage - We use a square pipe which will not rotate and keeps nipples in an upright position. With a square pipe there is no need for a saddle.

Trouble-free performance - All metal components are manufactured with precision machined stainless steel and DO NOT require O-rings, seals or steel balls.

Aluminum rails or conduit - Choose from aluminum or conduit support.

Simple and quick assembly - Watering sections are shipped pre-assembled and ready to install.

Raised water entry point - The nipple’s raised water entry point inside the water pipe eliminates the possibility of sediments from entering the nipple.

Large surface area for water entry - Unlike the competition, our water metering pin has a large diameter which enables it to more effectively capture and direct water into the nipple.

Optional LitterGard Cups - The LitterGard cups will catch the occasional drip in order protect the litter and improve environmental conditions.

DROPLET RETENTION

The design and size of the triggering pin inside the OptiGROW nipple holds a droplet, which attracts birds to the nipple to drink. This is especially important for day old chicks which leads to a healthy start.



OPTIMA E-FLUSH PRESSURE REGULATOR

Our Optima E-Flush pressure regulator has built-in flushing capabilities with a simple half twist of a knob. Water pressure is easily adjusted with the regulator knob located underneath the unit. The clear flexible standpipe with float ball offers accurate reading of water pressure.



SOLENOID

The optional screw-in solenoid allows automatic flushing of the drinker line when used with the LCW Touch Control. Manual flushing is also still possible when using the solenoid.



Optional solenoid

CONTROLLER

With the LUBING LCW Touch Control and solenoids you can program your system to automatically flush on a set schedule, or with a push of a button. With the available temperature sensor it is also possible to flush when water temperature exceeds a desired max temperature.



SLOPE REDUCER

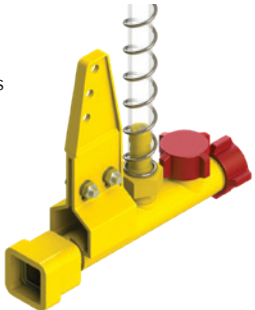
The patented slope reducer effectively adjusts water pressures on the drinking line in buildings with sloped floors. Slope reducers are available 4", 6", and 8" slope increments.

An adjustable slope reducer is available and can be adapted to the slope specific at your farm.

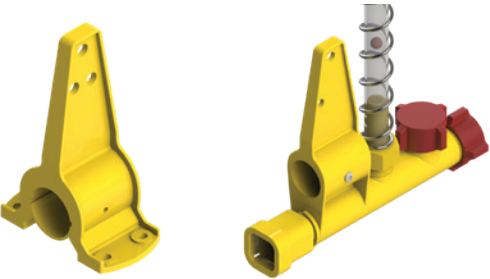


FLUSH BREATHER UNIT

The flush breather unit incorporates a clear flexible standpipe and float ball for establishing an accurate water pressure adjustment, and also includes hose attachments for automatic flushing and cleaning.



OPTIONAL CONDUIT SUPPORT



Our optional watering support rails allow our customers flexibility in building the watering system that best meets their needs. Customers can now choose between aluminum support rails and ¾ inch conduit. Our modular design also makes it easy to retrofit LUBING watering sections onto any competitor's drinker lines without having to replace existing suspension, aluminum/conduit, regulators and end assemblies.

UPGRADE SECTIONS

Upgrade your existing sections without changing the entire drinking system. Pipe/Rail adapters are designed to accommodate LUBING square water pipes onto any nipple drinking system.





DOUBLE WIRE HANGER

The double wire hanger is now available for drinkers used without the electro-charger.

Double Wire Hanger

Standard Shocker Wire Hanger



Nipples per 10' Section - Standard:

10 nipples per 10' (3 m) Section

12 nipples per 10' (3 m) Section

15 nipples per 10' (3 m) Section

Max. Recommended System Length:

250' (80 m) per Regulator

Water Pressure Requirement - 250' Length

Pressure Regulator: min. 20 psi (1.380bars)
max. 45 psi (3.103 bars)

Ball Tank Regulator: min. 20 psi (1.380bars)
max. 45 psi (3.103 bars)

Watering Sections Include:

- 10' (3 m) long, square PVC pipe
- Nipples with or without LitterGard cups
- Expansion coupler with stainless steel crimping rings
- 10' (3 m) aluminum support rail
- 4 plastic holding clips
- Galvanized connectors, 4 nuts and bolts
- 1 Hanger

NOTE: Watering sections are shipped completely pre-assembled. Only galvanized connectors and hangers are not assembled. Ten complete sections are packed in one carton. Cartons are protected, carefully banded and shipped on skids.

Nipple	Water Column	Side Flow (mL/min)	Vertical Flow (mL/min)
4050	8"	30-40	40-50
4095		20-25	30-40

