



## BREEDING TECHNOLOGY

FOR LABORATORY, FARM, HOME & CLASSROOM



# NEW 2011 CABINET MODELS!

# CABINET MODEL INCUBATORS

**NEW!!! All 2011 models are constructed from high strength plastic board. Now better insulated, a bit quieter, easier to clean, and offering a brighter internal view. Built to pass TUV safety standards.**

## 3 CONFIGURATIONS AVAILABLE



### SPORTSMAN

**Just getting started?**

All you need is this one incubator. Settings are rotated among the three turning trays so that the hatching tray can accept the eggs from one of the setting trays each cycle. Setting trays can also be leveled to act as hatching trays.

**LARGE CAPACITY!** 1368 Quail Eggs or 216 larger eggs, such as duck, using plastic egg trays (sold separately). Each turning rack holds approximately 496 quail eggs, 118 Chukar or Pheasant, 90 small chicken eggs, 40 goose eggs (not over 3.75" height), or 60 duck eggs. **DIMENSIONS: 30.25" X 15.75" X 31.75"**

- Complete incubator and hatcher
- 3 automatically turned trays
- 1 hatching tray in the bottom of the incubator



### PROFESSIONAL

**What makes this professional?**

The professional is a dedicated incubator and gives you ample room for serious incubation needs. Removing the hatching tray allows the trays to turn at a steeper angle. The professional is exempt from use as a hatcher allowing it to avoid the mess associated with hatches and remain clean. This incubator only has to maintain one humidity setting making it easier on the eggs and easier to operate. Designed to be used with the HATCHER.

**LARGE CAPACITY!** 1368 Quail Eggs or 216 larger eggs, such as duck, using plastic egg trays (sold separately). Each turning rack holds approximately 496 quail eggs, 118 Chukar or Pheasant, 90 small chicken eggs, 40 goose eggs (not over 3.75" height), or 60 duck eggs. **DIMENSIONS: 30.25" X 15.75" X 31.75"**

#### NO HATCHING TRAY

- dedicated incubator
- 3 automatically turned trays



### HATCHER

**Why do you need a hatcher?**

Designed to allow for the best hatching conditions. Hatchers usually operate at slightly different temperature and humidity settings to obtain optimum hatch. The Hatcher will hold the complete setting of the Professional incubator. For expanding operations the Hatcher can be matched with up to three Professional incubators. Can also be used with the Sportsman.

**DIMENSIONS: 30.25" X 15.75" X 31.75"**

- 4 metal hatching trays
- 1 plastic hatching tray

# THE DIGITAL SPORTSMAN



(Shown with optional plastic trays)

The 1500 series incubator offers an accurate digital thermostat with LCD display of Temperature and Humidity. Full digitally controlled heating system. Adjustments to the heater are made 20 times every single second! An on-board computer monitors systems and the environment to keep itself updated and to share this data with you. Electronic egg turning control, audio/visual indicators and a standard easy view door highlight a number of standard features. All major electrical items, Digital Control Module, Heater, Fan, & Sensor Module are all 'plug and play'. 110-120VAC, 50/60 Hz, 325Watts.

**1502 SPORTSMAN**—Weight 95 lbs.

**1500 PROFESSIONAL**—Weight 95 lbs.

**1550 HATCHER**—Weight 95 lbs.



- Digital Command Center monitors the health of the entire system every second. Any problems found are spelled out on the LCD display.
- Easy to use touch controls.
- Digital Temperature and Humidity readouts are factory calibrated with high precision.

# THE CLASSIC SPORTSMAN



(Shown with optional plastic trays)

The **1202A Sportsman** is an improved model of GQF's proven 1202 standard incubator. It has the same size and capacity as the electronic 1502 Sportsman but with less automation for reduced cost. The 1202A features mechanically timed egg turning, rugged dial thermometer/hygrometer, and a single wafer/relay thermostat system. This incubator is also upgradable to the Digital Command Center (3258) should your operational needs change. Like the 1502 the 1202A has 3 turning racks, bottom hatching tray, moisture pan and can accept all of the accessories used by the 1502 model. Constructed from high strength plastic board making it well insulated, quieter, and easier to clean.

110-120VAC, 50/60 Hz, 325 Watts.

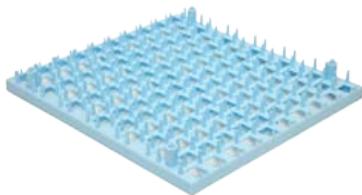
**1202A SPORTSMAN**—95 lbs.



At the heart of the 1202A is the **3124** wafer type thermostat. This thermostat uses an advanced switch and relay system. As with all GQF thermostats, the 3124 is incredibly accurate and dependable. The outside label can also be used as a small dry-erase marker board to record egg set times and mark a favorite setting on the adjusting screw.

# CABINET MODEL ACCESSORIES

**PLASTIC EGG TRAYS** offer the most efficient system for gathering, spray disinfectant treating and storing of eggs. At time of setting eggs, just remove loaded egg tray from storage area and place it on the incubator turning rack. The No. 1500 and 1502 incubators are equipped with turning racks that will accommodate plastic trays and paper trays (page 19) to hold your eggs in place.



## QUAIL EGG TRAYS

Each No. 1502 turning rack will hold 4 quail egg trays (456 quail eggs). Molded posts on each tray permits double stacking for a total of

1368 quail eggs. (Caution: GQF HATCHING trays hold a maximum of 250 quail eggs). Outer edge positions of double stacked trays may not be used in top turning rack. PLASTIC, SET OF 6

**No. 0243—Wt. 5 lbs.**



## PHEASANT EGG TRAYS

Each No. 1502 turning rack will hold 2 pheasant egg trays (118 pheasant eggs) for a total of 354 eggs per

incubator. (Not Stackable in GQF incubators). PLASTIC, SET OF 6

**No. 0245—Wt. 5 lbs.**



## EXTRA LARGE EGG TRAYS

Holds extra large eggs; Turkey, Duck, Jumbo Chicken, etc. Each of the No. 1502 turning racks will hold 2 extra large egg trays (54 eggs) for a total of 162 eggs per incubator. One rack per setting tray must be trimmed

to fit GQF incubators. PLASTIC, SET OF 6

**No. 0248—Wt. 5 lbs.**



## UNIVERSAL EGG TRAYS

Holds any size egg from bantam, to pheasant, to medium chicken egg. Each of the No. 1502 turning racks will hold 2 universal egg trays (90 eggs) for a total of 270 eggs per incubator. (Not

Stackable in GQF incubators). PLASTIC, SET OF 6

**No. 0246—Wt. 5 lbs.**



## CABINET CASTERS

This set of 4 casters will make it easier to move your cabinet incubator around for servicing, cleaning, & accessing eggs or trays. Easy to install on all cabinet models. Comes with base strips, mounting tape, & four locking casters.

**No. 3055—Wt. 4 lbs.**

## WATER RESERVE SYSTEM

Consists of 5 Gal. reserve tank, connecting hose, with quick disconnect coupling and constant level humidity pan with 2 humidity pads, for increased humidity at time of hatch. For all GQF Cabinet Incubators.

**No. 3030—Wt. 6 lbs.**

The humidity pads will need to be replaced after 2 to 4 hatches depending upon the quality of water used.

Package of 2 Humidity Pads  
**No. 4502—Wt. 2 lbs.**

Package of 10 Humidity Pads  
**No. 4510—Wt. 5 lbs.**



## CLEAR ACRYLIC DOOR

Gives full frontal view of interior of incubator, to permit checking of hatching progress, tray turning, water level, etc. Door comes complete with new hinges and latch tabs for customer installation by removing 8 screws and replacing new door with same 8 screws. For all cabinet model incubators.  $31\frac{1}{4}'' \times 15\frac{1}{2}'' \times 1\frac{1}{2}''$

**Sold as an accessory for customer's installation only.**

**No. 3065—Wt. 12 lbs.**



# INCUBATOR SUPPLIES



**ELECTRONIC THERMOSTAT**—The ultimate temperature controller. MORE ACCURATE - Change of 1/10°F. activates this thermostat. HIGHER PERCENTAGE OF HATCH - Compared to Wafer Thermostat. FAST ON/OFF CYCLE - Provides uniform gentle warming of eggs. HOLDS UNIFORM TEMPERATURE - Unaffected by Barometric Pressure changes. ELECTRONIC SWITCHING - No arcing or mechanical switch breakdown. EXTREMELY RELIABLE

**Guaranteed for use in GQF Cabinet Incubators only. 110 Volt 400 Watt Max.**

**MULTI TURN ELECTRONIC THERMOSTAT**—Accurate adjustment of temperature as one complete revolution changes temperature only 1.7°F. TEMPERATURE RANGE - Adjustable between 92°F. & 105°F. **No. 3255—Wt. 2 lb.**



**THERMOSTAT SWITCH COMPLETE**—Complete thermostat switch for use in accurate control of temperatures in incubators and brooders between 75 and 115 degrees. Snap Action switch with surge guard will take up to 22 amps. 125/240 volts, bracket is 2 1/2" x 3 3/4". Used with all of our equipment requiring a thermostat.  
**No. 3122—Wt. 1 lb.**

**SNAP SWITCH WITH SURGE GUARD**— Replacement switch for 1202, Brooders, and heaters over 75 watts. Surge Guard significantly increases reliability over standard 3006 switch. 20 amp, 125/250V  
**No. 3006B—Wt. 1/2 lb.**

**SNAP SWITCH**— For light duty. Replacement switch for Hova-Bator incubators. 22 amp., 125/250V **No. 3006—Wt. 1/2 lb.**

**THERMOSTAT WAFER**—T-7 Thermostat Wafer. Has threaded socket. Used on nearly all electric incubators and brooders, a number of oil brooders and some gas brooders.  
**No. 3007—Wt. 1/2 lb.**

**DIGITAL HYGROMETER**—Accurately measures Humidity and displays it as a percentage. Easy read LCD display. Includes transparent plastic base to allow placement directly on top of the eggs for more accurate readings. Unit does display temperature but the accuracy of the temperature reading has not been tested.  
**No. 3520—Wt. 1/2 lb.**

**THERMOMETER/HYGROMETER**—This is the most accurate incubator thermometer available and has approximately a 4" stem which can be inserted in a 5/32" hole to permit reading of temperature from outside of incubator. The 2" dial permits easy and accurate reading of temperature and

is graduated in one degree increments from 25°F to 125°F. The No. 3018 Thermometer is supplied with a wick and may be used as a Hygrometer by mounting it in the "Hygrometer" hole on the side of the incubator. Cover about 3" of the thermometer stem with one end of the wick, and drop the other end of the wick into the moisture pan. For the most accurate wet bulb temperature, be sure to keep wick clean for most accurate reading.

**No. 3018 (Includes 2 wicks)—Wt. 1 lb.**



**Replacement Wicks—  
No. 3020 Qty. 2 Wt. 1/2 lb.**

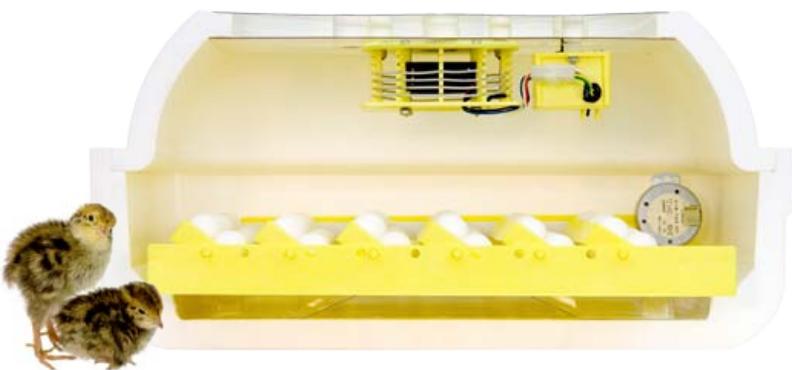
**POWER FAILURE ALARM**—Plug into any 110 volt electrical outlet. When there is a power failure, electronic pulsating alarm will go off and red LED light will start flashing. If you have chicks or birds that need looking after when electricity goes off on a cold windy night, plug in this unit in your bedroom to wake you when the electricity goes off. Has a built-in 10 to 15 second delay so that short time power outage will not set the alarm off. Tone is 95 decibels at 30 cm.



**No. 8380—Wt. 1 lb.**

# THE GENESIS

ACCURATE. DEPENDABLE, AUTOMATIC



room temperature and should not be used in areas like sheds or barns. Being pre-set, this incubator delivers consistently good hatches. Excellent for classrooms, novices, and experts. Can be used for most types of bird eggs. Includes picture window, thermometer & plastic bottom liner. TURNER SOLD SEPARATELY. **No. 1588—Wt. 8 lbs.**

**1588 - 12 Volt DC power supply operates on 100 to 240 Volt AC. Only U.S. plug & cordset supplied.**

Without an automatic turner in place, the incubator will hold 50 duck or chicken eggs or 130 quail eggs.

Dimensions  $18\frac{1}{2}'' \times 18\frac{1}{2}'' \times 9\frac{1}{2}''$



## No. 1586 PICTURE WINDOW

New to our Hova-Bator lineup, **1586** is a lower cost alternative to the 1588. This model is also TUV listed and uses a 12 Volt system for use in classroom and laboratory settings. The 1586 uses a wafer type thermostat that has been proven accurate and dependable. A fan is included for circulating air and the compact heater unit allows for more viewing area. Includes picture window, thermometer & plastic bottom liner. TURNER SOLD SEPARATELY. **No. 1586—Wt. 8 lbs.**

**1586 - 12 Volt DC power supply operates on 100 to 240 Volt AC. Only U.S. plug & cordset supplied.**

Without an automatic turner in place, the incubator will hold 50 duck or chicken eggs or 130 quail eggs.

Dimensions  $18\frac{1}{2}'' \times 18\frac{1}{2}'' \times 9\frac{1}{2}''$



## No. 2365 CIRCULATED AIR



The **2365** is a new model using the same 12 volt wafer thermostat included with the 1586. TUV listed for use in classroom and laboratory settings. A fan is included for circulating air and the compact heater unit allows for more viewing area. We have cut cost in the 2365 by replacing the picture window with two smaller ones. Visibility is still good for monitoring hatches and temperatures. Includes plastic bottom liner and thermometer.

**No. 2365—Wt. 8 lbs.**



**2365- 12 Volt DC power supply operates on 100 to 240 Volt AC . Only U.S. plug & cordset supplied.**

Without an automatic turner in place, the incubator will hold 50 duck or chicken eggs or 130 quail eggs. Dimensions  $18\frac{1}{2}'' \times 18\frac{1}{2}'' \times 9\frac{1}{2}''$

## 12 VOLT ACCESSORIES



**USE YOUR 12 VOLT  
HOVA-BATOR ON THE GO!  
FOR 12 VOLT HOVA-BATORS ONLY**

**12 Volt Automotive Plug** — this cord set allows the 1586, 1588, and 2365 to be used with an automobile power outlet.

**No. 1730—WT.  $1\frac{1}{2}$  lb**

**12 Volt Battery Power Adapter** — this cord set allows the 1586, 1588, and 2365 to be attached to a 12 Volt battery by clips.

**No. 1729—WT. 1 lb**



## TUV LISTED AUTOMATIC TURNERS

During incubation, eggs must be turned several times a day to prevent the yolk from settling to one side and to exercise the embryo. Turning the eggs by hand is the most demanding and time consuming part of egg incubation. Save yourself the trouble by setting your eggs with an automatic turner. All turners listed below can be used in any current production Hova-Bator incubator. These turners are 12 Volt, TUV listed, and designed for use with the 1586, 1588 and 2365.



12VAC auto turner with 6 universal & 6 quail egg racks.  
42 to 120 eggs.

**No. 1610M—Wt. 5 lbs.**



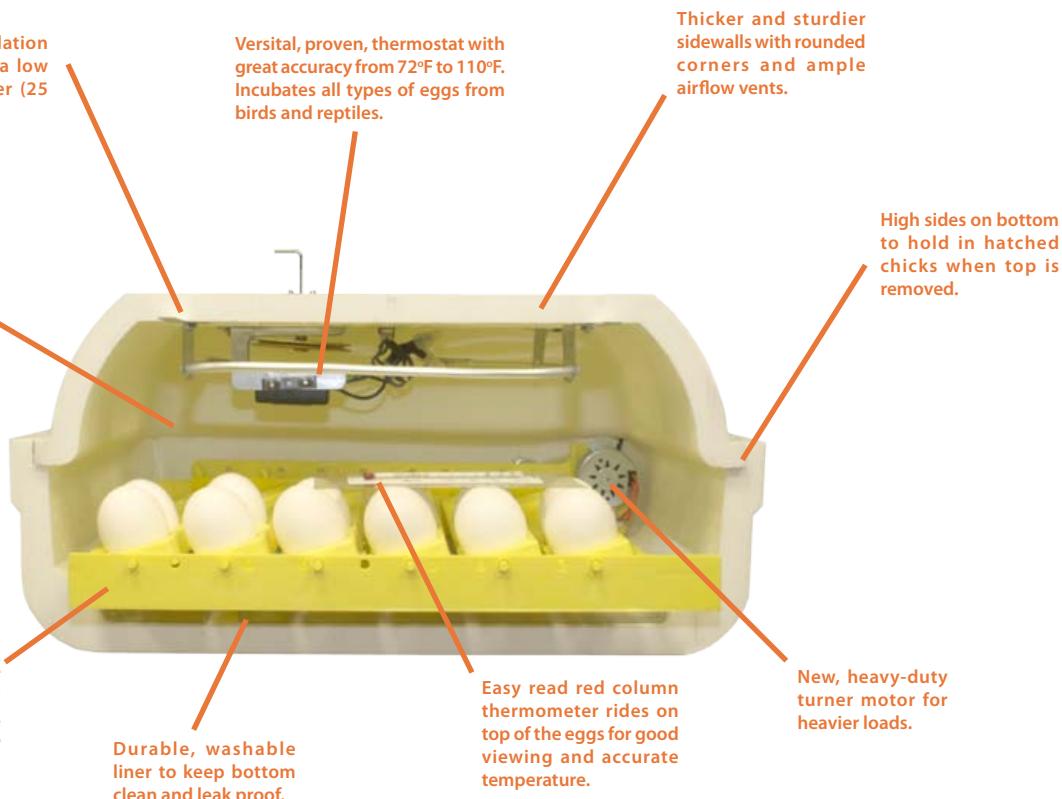
12VAC automatic turner with 6 universal egg racks, 42 Eggs.  
**No. 1611M—Wt. 4 lbs.**



12VAC automatic turner with 4 goose egg racks.  
12 to 16 eggs.  
**No. 1614M—Wt. 5 lbs.**

# HOVA-BATOR INCUBATORS

All Hova-Bator models will hold any size egg, from 120 small quail eggs, up to 41 large duck eggs with a turner in place (Optional Automatic Egg turners next page). This incubator will accommodate 50 duck or chicken eggs, or 130 quail eggs without an automatic turner in place. Thermometer and plastic bottom liner included. Like all incubators, these models require a stable room temperature and should not be used in areas like sheds or barns. Dimensions 18" x 18" x 9 $\frac{1}{2}$ ", 110 Volt AC. 25 Watt Heat Element. **PRODUCTS ON THIS PAGE AND THE NEXT ARE NOT TUV LISTED.**



## No. 1602N THERMAL AIR

Invented by G.Q.F. Manufacturing Co. over 30 years ago, the Hova-Bator is still the WORLD'S BEST SMALL INCUBATOR and the THERMAL AIR FLOW MODEL, is the most economical incubator available. The radiant heat tube gently warms the inside of the incubator, the air and eggs. Thermal action of the heated air flowing out the exhaust vents in the top of the incubator, draws fresh air in through the bottom vent. This thermal air flow also assists the drying of the chicks after they hatch. This design includes two small windows on top for viewing. The wafer thermostat is proven, accurate technology that produces great hatch results. This model is not suitable for use with the goose egg turner, item No. 1614. **No. 1602N—Wt. 5 lbs.**



## No. 1583 PICTURE WINDOW

Top has large clear plastic window for best viewing of the incubating and hatching process. Picture Window is double plate plastic with air space insulation to help eliminate moisture build up, which would obstruct viewing.

Large viewing area is ideal for classroom work, science projects, advertising and promotional work, and for group observation of the hatching process. Available only in Circulated Air models. **No. 1583—Wt. 7 lbs.**



## No. 2362N CIRCULATED AIR

Similar in design to the 1602N, the circulated air model uses a fan to hold a more uniform set point even when the room temperature fluctuates and accommodate various size eggs at the same time.

**No. 2362N—Wt. 6 lbs.**

## HOVA-BATOR ACCESSORIES

### AUTOMATIC EGG TURNERS FOR HOVA-BATOR INCUBATORS

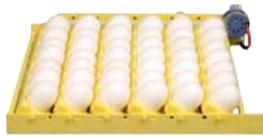
During incubation, eggs must be turned several times a day to prevent the yolk from settling to one side and to exercise the embryo. Turning the eggs by hand is the most demanding and time consuming part of egg incubation. Save yourself the trouble by setting your eggs with an automatic turner. All turners listed below can be used in any current production Hova-Bator incubator.

**SPECIFICATIONS:** Turner holds a total of 6 egg racks. 15" x 15" x 3", 110 Volt AC



#### No. 1610 Automatic Turner

Includes 6 universal and 6 quail egg racks. Each UNIVERSAL EGG RACK holds 7 eggs, any size from a partridge egg up to duck eggs (total 42 eggs per turner). Each QUAIL EGG RACK holds 20 quail eggs (total 120 eggs per turner). **Wt. 4 lbs.**



#### No 1611 Universal Egg Turner

Each UNIVERSAL EGG RACK holds 7 eggs, any size from a partridge egg up to duck eggs (total 42 eggs per turner).  
**Wt. 4 lbs.**



#### No. 1614 Goose Egg Turner

Each Goose Egg Turner holds a total of 4 Racks, each Rack holds 3 to 4 GOOSE EGGS. Circulated Air Hova-Bator required when setting and hatching goose eggs.  
**Wt. 4 lbs.**



### TURBOFAN KIT FOR HOVA-BATOR

Converts any Thermal Air Flow Hova-Bator into a circulated air incubator. The TURBOFAN can be installed in any square Hova-Bator incubator and permits you to operate the incubator at one temperature for all types of eggs and for all climate conditions with less close supervision.

**No. 2364—Wt. 2 lbs.**

# BROODERS

## UNIVERSAL BOX BROODER



Measures 32" X 38" X 12"

The 300-watt heater provides sufficient heat while the vented plastic side panels keep out drafts. As chicks are drawn to light rather than heat, each heater has a socket for a low wattage attraction light bulb (2 included), which helps to hold the chicks in the heated area. Each brooder comes with a thermometer and a wafer thermostat, which is accurate to 1 degree. The floor is a thin wire  $\frac{1}{2}$ " mesh which will allow droppings to easily pass through. This was chosen over thicker wire or wire with smaller squares, as droppings would quickly build up and mat the floor. For small chicks like quail this floor requires that a layer of No 1628 DACB paper or paper towels be laid down on the wire for the first 4 to 7 days after which quail may stand on the  $\frac{1}{2}$ " wire floor. Day old poultry and ducks can be placed directly on the wire. The well-built wire floor does not sag under the weight of many chicks. Drop pans are made of lightweight aluminum for long life. Drop pans can be easily pulled out even when brooders are stacked and the wire floor is heavy with birds. All three side panels and back door are easily removed for cleaning. Built to pass TUV safety standards. **No. 0534—Wt. 55 lbs.**

	Feed space	Water space
Quail up to 4 weeks	.5"/bird	.25"/bird
Chicken up to 2 weeks	.5"/bird	.25"/bird
Approx. capacity to 4th week - 100 quail - 50 Chukar or Pheasants. Poultry Chick capacity - 100 chicks through 2 weeks. Shipped in 2 cartons. (Needs #5001 Feeder & Waterer for game birds)		



## GROW OFF PEN

GROW OFF AND HOLDING PEN FOR POULTRY AND GAMEBIRDS. Same as GQF's popular brooder (Page 7 of catalogue), but without the expense of a heating element and thermostat. INSIDE DIMENSIONS: 36" long, 30" wide, 93/4" head room. **No. 0701—Wt. 44 lbs.**



## BATTERY BROODER

Five deck Game Bird/Poultry battery brooders with clear panels are ideal for displaying all types of chicks in feed stores, to monitor chick conditions at a glance and to raise large numbers of birds in limited floor space. Lightweight materials mean lower shipping costs as well as easy handling of drop pans. Sturdy base with rugged casters and securely fastened brooders result in a solid stack which is movable when full of birds. Only 65" high, all tiers of 5 brooders are accessible and drop pans and floors can be removed for cleaning while the brooders are stacked. Includes 6 plug electrical outlet strip with 4 ft. cord and 10 attraction light bulbs. Overall Dimensions: 32" Wide, 38" Front to Back, and 65" high. Lid provided for top brooder only. 110V, combined wattage 1500W. **No. 0540—Wt. 259 lbs.**



## START & GROW UNIT

BROODER PLUS TWO EXPANDED GROW OFF PENS. This can be the start of a very lucrative enterprise, producing approximately 48 chickens a month in a very limited space. Put approximately 48 chicks (day old) from a hatchery into the brooder, for warmth, feed, and water. After 4 weeks, move 24 birds into each Grow Off Pen and put 48 new chicks in the brooder. Brooder unit includes 2 attraction light bulbs.

**No. 0703—Wt. 157 lbs.**



## BATTERY GROW OFF & HOLDING PENS

BATTERY GROW OFF AND HOLDING PENS FOR GAMEBIRDS & CHICKS. Five of the No. 0701 Grow Off Pens make up the 0705 Battery. When used in a battery only one set of lids is supplied. The Grow Off and Holding pens are stacked and bolted together on a brooder base, which has ball bearing swivel casters for easy moving of the battery. (Same as GQF Poultry Battery Brooders but without the expense of heating elements and thermostats.) Overall Dimensions: 38" wide, 42" front to back, and 65" high.

**No. 0705—Wt. 210 lbs.**

# BROODER ACCESSORIES



**BASE STAND FOR BOX BROODER**—The optional brooder base, which is included with the battery system, is very sturdy and has quality high strength castors. This base permits the fully loaded stack of brooders (which can weigh over 500 lbs) to be rolled over even flooring. Up to five brooders maybe stacked on a base and the top brooder will be fully accessible to the average person without the aid of a stepladder. Bolts to brooder. 36" x 32" x 5". When stacking 2 or more brooders, use #0572 Six Plug Electrical Outlet (Standard equip. on battery). **No. 0522—Wt. 16 lbs.**



**VIEWABLE EXPANDER FOR BROODER AND GROW PENS**—Bolts in between Grow Off pens or Box Brooders to increase head room to 14", which may be required for larger birds (See #0703 above for appearance of 2 Grow Off pens using Viewable Expander). Can be used with individual units as well. 36" x 30" (Fits No. 0528 & No. 0534 Brooder) **No. 0525—Wt. 8 lbs.**

**ATTRACTION LIGHT BULBS** low wattage light should be used to attract the baby chicks to the heating element, feed, and water. Red lights were used for years and are still preferred by some breeders. Blue lights have been the most popular in recent years. Low intensity white light has been shown to increase food conversion and does not cause added risk for pecking. PACKAGE OF 6.



**No. 0420 RED—Wt. 1/2 lbs.**



**No. 0422 WHITE—Wt. 1/2 lbs.**



**No. 0424 BLUE—Wt. 1/2 lbs.**



36"x 30" (Fits GQF Brooders & Grow Off Pens)

**SANITIZED BROODER AND FEEDER LINER**—DACP (Deotized Animal Cage Board) is a special NEOMYCIN treated absorbent board to inhibit bacterial degradation to aid in control of disease and odors. Use on brooder floor in heated area to protect chicks from drafts and neutralize droppings. AS A FEEDER TRAY - Place feeder on DACB and scatter feed around every day to start chicks to eating. Healthier chicks, as DACB retards harmful bacteria. One sheet placed in dropping pan under feeder area absorbs moisture from droppings and NEOMYCIN aids in control of odors. (Item considered disposable)

**No. 1628 PACKAGE OF 20—Wt. 30 lbs.**

**No. 1629 PACKAGE OF 100—Wt. 53 lbs.**



## AUTOMATIC BROODER WATERING

**AUTO WATERING FOR BOX BROODERS**—Consist of 5 gallon plastic water tank to sit on back corner of brooder. Tubing and float valve for one existing trough (troughs are not supplied with waterer). Young game bird chicks require No. 5001 chick feeder and chick jar waterer. **No. 0578—Wt. 6 lbs.**

**AUTO WATERING FOR BROODERS AND GROW OFF PENS**—This kit does not include a bucket like the single unit above. Install 5 float valves into existing water troughs on brooders (Troughs not supplied with Kit.) Attach and secure tubing harness to the float valves, using tubing clamps supplied. Attach garden hose to pressure reducing valve which is already installed on the tubing harness. Turn water on and regulate depth by bending float arm. **No. 0580—Wt. 3 lbs.**

**RADIANT HEATER**—Thermostat controlled hanging radiant heater uses a wafer type thermostat to regulate temperature. Rugged all metal construction, including heat element. Located on the main channel is a Master On/Off Switch. Includes an attraction light socket, bulb, wafer thermostat and pilot light to assist in regulating temperature. Two 5 foot Chains with "S" Hooks to adjust height of heater above the birds. Use for brooding or space heating. With room temperature of 65°F, maintains regulated temperature of up to 95°F. for brooding approximately 350 quail chicks. 600 watt 110-volt AC

Dimensions: 25.5" x 6" x 6"

**No. 0470—Wt. 6 lbs.**



## INFRA-RED HEAT BROODER

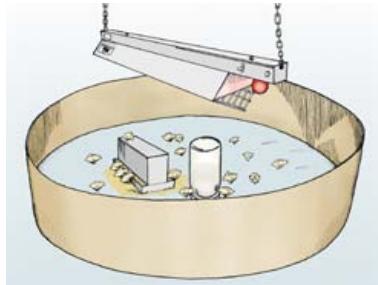
For small operations we offer the economical Infra-Red Heat Brooder. This brooder gives you concentrated heat for a small quantity of birds, such as would be hatched in Hova-Bator Incubators. Has 9" reflector, bulb guard, 6' cord, porcelain socket, hang up loop.

**Bulb not included, order bulb below.**



**No. 0457 INFRA-RED BROODER LAMP—Wt. 2 lbs.**

**No. 0456 250 Watt INFRA-RED BULB—Wt. 1 lbs.**



**CHICK CORRAL** used to hold newly hatched chicks in a small area on the floor so that radiant brooders can be used for maximum effectiveness. Corrugated paper measures 18" high by 16 ft. Free standing when formed into a circle by taping ends. **No. 0480—Wt. 2 lbs.**



**BROODER THERMOMETER**—(50°F to 120°F) For all Box type brooders. Fits through 1-1/8" hole. **No. 0490—Wt. 1/2 lb.**



**Chick Feeder & Jar Chick Waterer**—Small chicks such as quail cannot reach the box brooder feed and water troughs until approximately four weeks old. Use this feeder and waterer inside the brooder until the birds are large enough to be switched over to the outside troughs.

**No. 5001—Wt. 3 lbs.**

# QUAIL BREEDING PENS



**3 SECTION QUAIL BREEDING PENS**—Scientific study of the breeding of Quail by Universities and Georgia Quail Farm has proven results of these compact breeding pens. Each section is a compact 10" x 24" and is adequate for up to 2 pair of Bobwhite or one cock and three hens. These pens have a large feed trough with a water trough on the back for easy filling and may be equipped with automatic watering. Construction is of galvanized steel to make them long lasting and sanitary. Correct slope of the floor permits eggs to roll out under feed trough for production of cleaner eggs and easier gathering. Intended for use with Bobwhite and Coturnix size birds.

**No. 0303** - 3 Section Quail Breeding Pen—**Wt. 50 lbs.**  
30" x 24" x 10" high. Dropping pan not included.

**No. 0315** - 15 Section Quail Battery Breeding Pen—**Wt. 310 lbs.**  
35" x 24" x 73". Shipped with Pens assembled and stand knocked down.  
Dropping pans included. **NO C.O.D. ON THIS ITEM**

## BREEDING PEN ACCESSORIES



**No. 0316 Stand shown with  
2 No. 0303 Quail Pens and  
2 No. 0317 Dropping Pans**

**Battery Breeding Pen Stand** —For use with No. 0303 Breeding Pen. Dropping Pan Supports included. Will accept up to 5 No. 0303 Breeding Pens so that you can expand as needed. **No. 0316—Wt. 28 lbs.**

**Dropping Pans** should be used beneath each pen in the battery stand. These are intended to be purchased as need and not included with the individual No. 0303 pen. This item is oversized and has a minimum shipping weight of 30 lbs. Measures 26" X 31"

**No. 0317 one dropping pan—Wt. 30 lbs.**  
**No. 0324 two dropping pans—Wt. 30 lbs.**  
**No. 0325 three dropping pans—Wt. 30 lbs.**  
**No. 0326 four dropping pans—Wt. 30 lbs.**  
**No. 0327 five dropping pans—Wt. 30 lbs.**

**DRINK CUP KITS FOR GQF BREEDING PENS**—The following DRINK CUP KITS come assembled and are complete except for the No. 4090 Pressure Reducing Valve, which must be purchased separately. The Pressure Reducing Valve can handle up to 210 Drink Cups. (Several Kits) Drink cup kits are mounted on back of pen above trough, permitting rear trough to be used for feed. Operate below 9 lbs. of pressure.

**No. 4082—Wt.2 lbs.**  
2 CUP KIT FOR No. 0303 BREEDING PEN  
**No. 4083—Wt.4 lbs.**  
10 CUP KIT FOR 0315 BATTERY BREEDING PENS



## THE ITEMS BELOW ARE USEFUL DURING BROODING AND BREEDING

**SOLU-TRACIN 200**—Due to its unique characteristics, Solu-tracin acts selectively on the Bacteria, controlling the harmful Streptococci, Staphylcocci and Pneumococci which invade the respiratory tract. Solu-tracin should be used as an aid in prevention and treatment of Ulcerative Enteritis (quail disease) and to combat secondary infections. For Stimulating Appetite and Growth and to Fortify Birds during periods of stress. Dosage: PREVENTION - 1/8 Tsp. per gal. of water. (Approx. 500 gal. per 4.1 oz. packet) TREATMENT - 1/2 Tsp. per gal. of water for 7 to 14 days. (Approx. 142-284 Gal. per 4.1 oz. packet)



(Water Soluble Bacitracin - MD Antibiotic)

**No. 5151 SOLU-TRACIN 200, 4.1 oz Packet—Wt. 1/2 lbs.**

**No. 5153 Ctn. 5 pkg. SOLU-TRACIN 200—Wt. 2 lbs.**

**GQF VITAMINS PLUS**—SUPPLIMENTAL SOURCE OF NUTRIENTS FOR POULTRY AND GAME BIRDS. In addition to the usual vitamins and electrolytes, GQF-VITAMINS PLUS contains organic acidifiers, and a supplemental source of live naturally-occurring microorganisms, such as: Lactobacillus acidophilus and Enterococcus faecium. Mildly acidifies drinking water, lowering pH. Suppliments gut acid production which is often low in immature birds.



**WHEN TO USE GQF-VITAMINS PLUS: CHICKS** - First seven days after hatch then one day per week there-after. Also, after moving birds and during extreme weather. **BREEDERS** - As a supplemental source of nutrients during extreme weather, when there has been reduced feed intake. **ALL SPECIES** - Use for 3 to 5 days as needed.

**No. 5168 1 Pak GQF-VITAMINS PLUS—Wt. 1/2 lbs.**

**No. 5169 Ctn. 4 Paks GQF-VITAMINS PLUS—Wt. 1 lbs.**

## AMMONIA OR OTHER ODORS IN YOUR BROODING OR BREEDING HOUSE?

If you can smell it for the short time you are there, then think of your poor birds that have this odor 24 hours a day. Odors can curtail eating, resulting in poor growth and development, or by restricting egg production. Mix 4 ounces **NATURE'S ODOR ELIMINATOR** in one gallon water and spray litter and droppings heavily. Ammonia odor disappears in minutes, as if by magic. Best results are obtained by cleaning out old litter. Spray mixture heavily on floor and walls of brooders and pens, then put down fresh litter. NATURE'S ODOR ELIMINATOR wafts up through the fresh litter to counteract formation of ammonia odor. Can also be used in drinking water for preventative treatment.



**No. 5178 32 oz. concentrate—Wt. 3 lbs.**

**No. 5179 1 Gallon concentrate—Wt. 10 lbs.**

**"NO PECK" BLINDERS**—Stop cannibalism without beak trimming. This anti-peck device is quickly applied to the bird with plastic pins (no tool required). "NO PECK" BLINDERS are removed by cutting Pin. Blinders may be reused by purchasing additional Pins. GQF blinders are made of soft flexible plastic and have rounded corners, which helps avoid the problems of hanging up in the wire of the pens. FOR USE WITH PHEASANT.

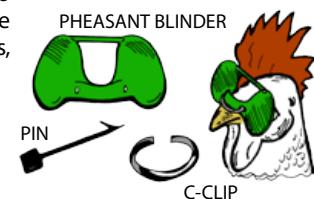
**No. 6954 - Pkg. 1,000 BLINDERS (Without pins)—Wt. 4 lbs.**

**No. 6962 - Pkg. 1,000 PLASTIC PINS—Wt. 2 lbs.**

**No. 6957 - Pkg. 100 BLINDERS with plastic pins—Wt. 2 lbs.**

**No. 6956 - Pkg. 10 BLINDERS with plastic pins—Wt. 1 lbs.**

**No. 6959 - Pkg. 1,000 Wire C-Clips for Blinders—Wt. 3 lbs.**



**VetRx VETERINARY REMEDY**—Effective prevention & treatment of respiratory infections, sneezing, colds, sores, scaly-legs for all birds. VetRx may be used internally by mixing one ounce to each gallon of drinking water, or externally by a few drops to affected area, for sore throat, sore toes, scaly shanks, eye worm, etc.

**No. 5181 ONE 2 OUNCE BOTTLE VetRx—Wt. 1 lbs.**

**No. 5182 Pkg. Two 2 OUNCE Bottles VetRx—Wt. 1 lbs.**

**No. 5184 ONE QUART (32 OUNCES) VetRx—Wt. 3 lbs.**



# WATERERS



## AUTOMATIC WATER TROUGH

Attach to water faucet, turn water on - plastic float with brass valve maintains constant water level. Made of durable plastic with rotating reel on top to keep birds off. Sits on ground, or may be easily mounted on 4" or 6" block, or suspended for larger birds and to keep trash out. Equipped with 4 foot hose, ready to attach to faucet.

**No. 4317** 18" Automatic Water Trough—**Wt. 2 lbs.**

**No. 4318** Ctn. 2-18" Auto Water Troughs—**Wt. 4 lbs.**



No. 4458

## PLASTIC CHICK WATERER

For Quail and Pheasant chicks. May be purchased together or separately. Bowl is  $\frac{3}{4}$ " high and has  $\frac{1}{2}$ " wide drinking space to provide adequate water but prevents chick from drowning. Not necessary to use rocks or marbles as with poultry waterers. LARGE PLASTIC JAR (short half gallon - 58 oz.) - Holds large supply of water and will fit in battery brooders - Eliminates frequent filling. Both waterer and jar use mason jar sized threads.

**No. 4458** Chick Waterer & 58 oz. Jar—**Wt. 1 lb. each**

**No. 4459** Carton of 6—**Wt. 3 lbs.**



No. 4460

**No. 4460** Chick Waterer (base only)—**Wt.  $\frac{1}{2}$  lbs.**

**No. 4461** Carton of 6—**Wt. 2 lbs.**

**No. 4464** Large 58 oz Jar Carton of 6—**Wt. 2 lbs.**



## GALLON WATERER

Low priced all plastic gallon waterer for poultry and game birds. Snap on base for quick and easy filling. Snap on base also permits quick and easy cleaning, as there are no threads to accumulate dirt and germs.

**No. 4476** Gallon Waterer—**Wt. 2 lbs.**

**No. 4477** Carton of 2—**Wt. 3 lbs.**

**No. 4478** Carton of 12—**Wt. 13 lbs.**

## 3 GALLON WATERER

Huge 3 Gallon Waterer for poultry and game birds. Snap on base for easy filling. Ideal for use with large flocks.  $12\frac{1}{4}$ " Diameter x 16" Height - Pan  $1\frac{3}{4}$ " Deep.



**No. 4482** 3 Gallon Waterer—**Wt. 4 lbs.**

**No. 4483** Carton of 6—**Wt. 30 lbs.**



(pint)



(quart)

## FEED & WATER CUP

Strong and durable plastic cup can hang inside or outside of pen for poultry, small animals, pets, etc.

**No. 4470** - Ctn. 6 Half Pint Cups  $3\frac{3}{8}$ " L x  $2\frac{7}{8}$ " W x  $2\frac{3}{8}$ " D.—**Wt. 2 lbs.**

**No. 4472** - Ctn. 6 Pint Cups  $3\frac{3}{4}$ " L x  $4\frac{1}{2}$ " W x  $2\frac{3}{8}$ " D.—**Wt. 2 lbs.**

**No. 4474** - Ctn. 6 Quart Cups 8" L x 4" W x  $2\frac{3}{8}$ " D.—**Wt. 2 lbs.**



## RANGE FEEDER

This rugged feeder provides food for birds and protects feed from weather, animals, varmints, cattle and hogs. Clearing of lands depletes natural food sources of wild birds while released birds do not know how to look for food. This feeder gives you the ability to supply adequate fresh feed in the field. Increase your bird feeding capacity with six feeder stations. Durable, galvanized steel construction.

**No. 5030—Wt. 19 lbs.**

**No. 5036 Ctn.6—Wt. 57 lbs.**

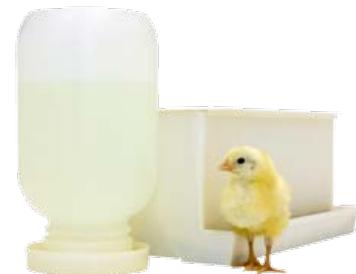
## GAME CHICK FEEDER

Substitution of poultry feeding equipment for Game Bird chicks has always been quite a problem to the game breeder. Poultry chick feeders permit the game chicks to get inside the feed and their droppings create an exceedingly unsanitary and unhealthy condition. Our game chick feeder's sturdy plastic construction allows it to hold five (5) pounds of feed. The feed is on a continuous flow basis so that the oldest feed is eaten first. Most important of all the chicks do not have droppings in the feed. Size:  $12\frac{1}{4}$ " long, 6" wide,  $5\frac{1}{2}$ " high, gives  $24\frac{1}{2}$ " of feed space. Feed level can be seen through the side wall without having to remove the lid. Will fit in GQF Brooders.

**No. 5003—Wt. 3 lbs. each**

**No. 5004 Carton of 4—Wt. 10 lbs.**

**No. 5001 Chick Feeder & Chick Waterer—Wt. 3 lbs.**



## PLASTIC TUBE FEEDER

With built in anti scratch vanes to curtail the waste of feed. Use as a hanging feeder or sit it on the floor. Holds 22 lbs. of feed and is suitable for use with poultry and game birds. Height: Tube 14.5", Pan 2.25" x 14" Diameter

**No. 5051 One 22 lb. Feeder—Wt. 5 lbs.**

**No. 5052 Two 22 lb. Feeders—Wt. 8 lbs.**

**No. 5053 Ten 22 lb. Feeder—Wt. 70 lbs.**



## UNIVERSAL POPBOTTLE WATERER

Works on old fashioned snap on popbottle as well as the screw on 12 or 16 ounce bottle. Waterers fit through 1" square opening in cage or pen to supply adequate water for birds or small animals. Waterer supplied with spring to hold bottle. Plastic ring left behind by the bottle cap must be removed for the waterer to fit properly. **No. 4449—Wt. 1 lbs.**

# BIRD & EGG SUPPLIES



**TRAVEL COOP** for baby chicks and grown Quail. Made of heavy duty, long lasting plastic - ideal for handling, holding or shipping quail. Raised top corner fits bottom for stacking several high with solid bottom to protect lower birds. Can be washed with hose. Top door is hinged for easy loading with birds, has positive spring latch. When releasing birds, side door slides open to let birds walk out without excitement. Low 4 $\frac{1}{2}$ " head room helps eliminate bruised birds, as they do not have enough room to jump up and hit top. Outside dimensions: 27" x 18" x 6 $\frac{1}{2}$ ". Holds 25 to 35 grown quail or poultry chicks. **No. 0299—Wt. 10 lbs.**



**RECOVERY PEN** —Here is a must for all quail breeders and shooting preserve operators. This Recovery Pen is constructed of heavy gauge galvanized wire for long life and is a sure fire for recovering escaped birds on breeding farms and shooting preserves. It is also used by shooting preserves for recovering birds at the completion of a day's hunting. A call bird is placed in the Recoverer with feed and water. This call bird attracts the birds to be recovered, and they in turn enter the Recoverer through the cone shaped entrance. After entering a trap door closes behind the bird and they cannot get out. Size: 24" x 18" x 10".

**No. 0301—Wt. 30 lbs.**



**LIVE ANIMAL TRAP**—Our **Non-Lethal** Box Traps are designed to catch all kinds of animals no matter how quick or cunning. All our traps are constructed of heavy-gauge galvanized wire mesh and reinforced with heavy steel rods to give them extra strength and durability. Our trigger and reset rods are designed within the trap so the animals cannot discharge the trap before entering. After entry, escape is impossible because of the innovative design of our door and locking system. When ready, releasing of the animal is done safely and without difficulty, because our door opens from the outside of the trap. You never have to reach in the trap and risk getting harmed by the animal.

**No. 0302 - SMALL LIVE ANIMAL TRAP—Wt. 3 lbs.**

For trapping red squirrels, rats, weasels and chipmunks. Size 5" x 5" x 18".

**No. 0308 - LARGE LIVE ANIMAL TRAP—Wt. 10 lbs.**

For trapping raccoons, woodchucks, porcupines, and opposums. Size 11" x 12" x 30".



**EGG LIGHT**—Bright white LED illuminates eggs for easy candling. EGG LIGHT uses 2 AAA size batteries. A low cost alternative to the 9046 egg tester.

**No. 9025—Wt. 1/4 lb.**



**COOL-LITE TESTER**—used for candling eggs. Weighs only 5 ounces - easy to move over eggs for long periods - eggs need not be handled. Has 5 foot electric cord. Use the Cool-Lite tester to check progress of development. After the 10th day remove infertile eggs to give more room in incubator. Powerful light with no batteries to replace.

**No. 9046 COOL-LITE TESTER—Wt. 1 lb.**

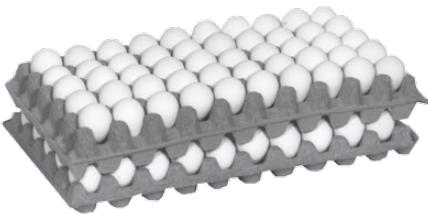
**No. 9045 PKG. 2 BULBS FOR TESTER—Wt. 1/2 lb.**



**CLEAR CARTONS FOR 24 QUAIL EGGS**—Made in one piece. Has flat top for label. Built in snap closure for repeat opening. Dimensions: 12" x 4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ ".  
**No. 0253 Pkg. 25—Wt. 2 lbs.**  
**No. 0256 Pkg. 540—Wt. 33 lbs.**  
**No. 0258 Pkg. 1080—Wt. 90 lbs.**



**CLEAR CARTONS FOR 10 QUAIL EGGS**—Made in one piece. Excellent for selling eating eggs, as it will be low priced to induce people to try them. Dimensions: 6" x 2 $\frac{3}{4}$ " x 1 $\frac{1}{2}$ ".  
**No. 0290 Pkg. 100—Wt. 2 lbs.**  
**No. 0292 Pkg. 2000—Wt. 26 lbs.**



**PAPER MACHE EGG TRAYS**—These light weight egg trays are made of durable paper mache and are ideal for use in collecting and holding eggs. Each tray holds 50 eggs and will stack one on top of the other by turning each tray opposite the one below. These trays are also ideal for use as INCUBATOR EGG POSITIONERS when holes are cut to permit circulation of the air. Cracked eggs are practically eliminated when using our egg trays.

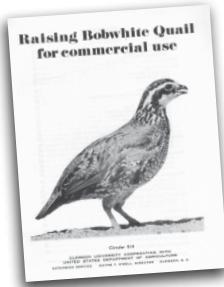
**Chicken Egg Trays**—Each tray is 12" x 12" and holds 30 eggs  
**No. 0200 Pkg. 12—Wt. 3 lbs.**  
**No. 0202 Pkg. 140—Wt. 30 lbs.**

**Quail Egg Trays**—Each tray is 6" x 12" and holds 50 eggs  
**No. 0205 Pkg. 15—Wt. 2 lbs.**  
**No. 0210 Pkg. 100—Wt. 11 lbs.**

**Chukar Egg Trays**—Each tray is 8" x 16" and holds 50 eggs  
**No. 0229 Pkg. 10—Wt. 3 lbs.**  
**No. 0230 Pkg. 100—Wt. 30 lbs.**

**CHICKEN EGG CARTONS**—polystyrene chicken egg cartons similar to those found in grocery stores. Each carton holds one dozen eggs.

**No. 0203 Pkg. 10—Wt. 2 lbs.**  
**No. 0204 Pkg. 100—Wt. 14 lbs.**



**RAISING BOBWHITE QUAIL**—BOOK PREPARED BY LEADING UNIVERSITY GIVES DETAILED INFORMATION ON THE RAISING OF BOBWHITE QUAIL This book is a must for all quail raisers as it has detailed information on all phases of raising. Beginners need it as a guide in helping them to get started. Established breeders need it to learn the most efficient way to produce quail and what to do when problems occur. Has complete topics on - Breeder Selection, Egg production, Incubation, Brooding, Growing Off, Feeding, Handling and what to do in case Disease or Cannibalism strikes.  
**No. 9314**

# WATERING SYSTEMS



**DRINK CUPS** are the most sanitary watering system available - These cups have a spring loaded trigger stem for positive shut off of water. Water flows only when the bird's beak is in the cup. No messy wet spots as with nipple drinkers. Mounting brackets sold separately. Package of 5. Use with  $\frac{5}{16}$ " tubing. **No. 4085—Wt. 1 lbs.**

**DESIGNING A SYSTEM** - Drink cups require a source of water at a pressure below 9 lbs. PSI which is provided by a pressure reducing valve, or by gravity tanks (less than five feet above drinkers).



**PIPE BRACKETS FOR DRINK CUPS**—Purchase  $\frac{1}{2}$ " PVC pipe locally. Drill  $\frac{5}{16}$ " holes 8" apart, in the side of  $\frac{1}{2}$ " PVC pipe and attach bracket with PVC adhesive. Package of 5. **No. 4087—Wt. 1 lbs.**



**CAGE OR WALL BRACKET FOR DRINK CUP**—Clips to wire of cages, or the screw holes in bracket permits mounting to sides of pens. Use with  $\frac{5}{16}$ " tubing. Package of 5. **No. 4084—Wt. 2 lbs.**



**PIPE ADAPTER**—Used to attach  $\frac{1}{2}$ " PVC pipe with 4087 Pipe Brackets installed to the No. 4090 Pressure Reducing Valve.

**No. 4096  $\frac{1}{2}$ " PIPE ADAPTER—Wt. 1 lbs.**



**PRESSURE REDUCING VALVE** can be used for small system of one or two cups or a large system to handle up to 1500 Quail. Inexpensive solution used to supply 5 lb. water pressure to

drink cups. 2 ft normal pressure hose with connector included.

**No. 4090  $\frac{5}{16}$ " HOSE BARB—Wt. 2 lbs.**



**ADJUSTABLE PRESSURE REDUCING VALVE**—Includes water pressure gauge. Complete with  $\frac{1}{2}$ ",  $\frac{5}{16}$ " &  $\frac{1}{4}$ " hose barbs (can be removed for attaching to  $\frac{1}{2}$ " pipe). Can handle high or low volume water requirements. Reduces normal water pressure down to an adjustable 1lb. to 10 lbs. pressure. Dimensions: 11" x 7 $\frac{1}{2}$ " x 6". (Unit shipped may be different model, same features). Durable design and construction. **No. 4008—Wt. 3 lbs.**



**LOW PRESSURE WATERING SYSTEM**—Low pressure drinkers may be used for all chicks after 7 to 10 days of age, as well as for grown birds. Drinkers are 9" Diameter - 4" Height with bowl height of 2". Gives 28" of watering space each. Contains: 5 Drinkers, 18 Hose clamps, 25 ft. Tubing & 1 Pressure reducing valve.

**No. 4004—Wt. 6 lbs.**



**LOW PRESSURE WATERER**—Similar to the 4004 system but a single unit. Complete with Pressure Reducing Valve, 6 ft. tubing, ready to screw onto water faucet or hose, adjustable water level, 9" diameter,

4" overall height with bowl height of 2". Gives 28" of watering space. **No. 4308—Wt. 2 lbs.**



**9" DRINKER**—This is the drinker only for expanding watering systems. Tubing, clamps and a pressure reducing valve are not included. "T" valves are included. 9" Diameter - 4" Height with bowl height of 2". Gives 28" of watering space each.

**No. 4006—Wt. 2 lbs.**

**No. 4009 Carton of 6—Wt. 4 lbs.**

## TUBING & FITTINGS



**NORMAL PRESSURE HOSE**—100 ft. coil,  $\frac{1}{4}$ " inner diameter. This Nylon Reinforced Hose may be used on normal or low pressure watering systems. Generally intended for use with item 0341 & auto water troughs. Not supplied with fittings. Color - Red.

**No. 4027—Wt. 6 lbs.**



**1/4" LOW PRESSURE TUBE**—50 ft. coil,  $\frac{1}{4}$ " inner diameter. This inexpensive tubing is ideal for low pressure systems. This tubing should be used when expanding drink cup kits. Not supplied with fittings. Color - Blue.

**No. 4028—Wt. 4 lbs.**



**5/16" LOW PRESSURE TUBE**— $\frac{5}{16}$ " inner diameter. Use this inexpensive tubing for low pressure systems with  $\frac{5}{16}$ " fittings. Can be used to expand the low pressure waterer. Not supplied with fittings. Color - Green.

**No. 4080 50 ft.—Wt. 4 lbs.**

**No. 4081 100 ft.—Wt. 8 lbs.**



**PLASTIC "T"**—Use to run hose or tubing to additional pens. Package of 10. **Wt. 1/2 lbs.**

**No. 4067 for  $\frac{1}{2}$ " x  $\frac{1}{2}$ " x  $\frac{1}{4}$ " Use with  $\frac{1}{2}$ " hose**

**No. 4068 for  $\frac{1}{4}$ " x  $\frac{1}{4}$ " x  $\frac{1}{4}$ " Use with  $\frac{1}{4}$ " hose**

**No. 4088 for  $\frac{1}{2}$ " x  $\frac{1}{2}$ " x  $\frac{5}{16}$ " Use with  $\frac{1}{2}$ " hose**

**No. 4089 for  $\frac{5}{16}$ " x  $\frac{5}{16}$ " x  $\frac{5}{16}$ " Use with  $\frac{5}{16}$ " hose**



**WATER TANK HOSE BARB**—KIT TO ATTACH A TUBE TO A WATER TANK Has connector with hose barb &  $\frac{3}{8}$ " pipe threads, 2 plastic nuts with  $\frac{3}{8}$ " pipe threads.

Requires  $\frac{11}{16}$ " hole in water tank. Tank and tubing is not supplied. May require silicone glue to prevent leaking.

**No. 4030  $\frac{1}{4}$ " TUBING KIT—Wt. 1 lbs.**

**No. 4031  $\frac{5}{16}$ " TUBING KIT—Wt. 1 lbs.**



**REDUCER CONNECTOR**—Pkg. 2 Brass  $\frac{5}{16}$ " to  $\frac{1}{4}$ "

**No. 4093—Wt. 1/2 lbs.**



**FEMALE HOSE CONNECTOR** for  $\frac{1}{4}$ " hose.

**No. 4012—Wt. 1/2 lbs.**



**VALVE INSERTS** for 9" Drinker. Package of 5.

**No. 4071—Wt. 1/2 lbs.**



**FLOAT VALVE COMPLETE** with 4 ft. garden hose to fit faucet. Make your own automatic equipment by using this reliable valve in your own containers

for poultry, livestock, and game breeding equipment.

**No. 0341—Wt. 1 lbs.**



**QUICK COUPLER** for  $\frac{1}{4}$ " tube. Package of 2. Use this fitting whenever you need to connect  $\frac{1}{4}$ " hose or tubing to water faucet that has garden hose connection.

**No. 4517—Wt. 1/2 lbs.**



**SHUT OFF CLAMPS**—Easily snaps closed to stop water flow. For  $\frac{1}{4}$ " &  $\frac{5}{16}$ " tubing. Package of 5

**No. 4518—Wt. 1/2 lbs.**



**TUBE CLAMPS**—Use to secure tubing to hose barbs. Package of 18.

**No. 4010 for  $\frac{5}{16}$ " Low Pressure Tubing—Wt. 1/2 lbs.**

**No. 4014 for  $\frac{1}{4}$ " Low Pressure Tubing—Wt. 1/2 lbs.**

**No. 4015 for Normal Pressure Hose—Wt. 1/2 lbs.**



**HOSE SPLICER**—Use this fitting to splice hose or tubing. Package of 10.

**No. 4069 for  $\frac{1}{4}$ " Hose or Tubing—Wt. 1/2 lbs.**

**No. 4091 for  $\frac{5}{16}$ " Hose or Tubing—Wt. 1/2 lbs.**

# QUAIL STARTER KIT

**EVERYTHING YOU NEED TO START PRODUCING QUAIL  
INCLUDING EGGS!**

**No. 0718** - Quail Starter Kit with 30 Bobwhite Eggs—**Wt. 67 lbs.**

Each Kit containing the following:

- 1 No. 1588 GENESIS Pre-Set Hova-Bator
- 1 No. 1610 Automatic Egg Turner
- 1 No. 0534 Brooder
- 1 No. 5003 Game Chick Feeder
- 1 No. 4458 Chick Waterer - Base & Jar
- 2 No. 0421 Brooder Bulb
- 1 No. 9314 Book on raising bobwhite Quail
- 1 Setting of 30 Quail Eggs

(No Substitutions) KIT PRICE DOES NOT INCLUDE SHIPPING



Genesis Hova-Bator



Brooder



Quail Hatching Eggs



Waterer



Feeder

## SEE THE MIRACLE OF BIRTH



Clear plastic dome CHICK-BATOR with 4 Quail Eggs (available year- round) and Egg Hatchers Guide Book Complete - nothing else to buy. (No C.O.D. on this item).

**No. 9105** Chick Bator with Eggs

We can supply Chick-Bator without quail eggs, and it can be used for hatching other eggs. (Approx. capacity: 3 chicken eggs, 4 pheasant eggs, 2 turkey or duck eggs, 8 quail eggs.) 7" Diameter, 6" high - operates 110 volt electricity.

**No. 9100** Chick Bator without Eggs

## QUAIL HATCHING EGGS

### NORTHERN BOBWHITE QUAIL



- No. 7008** 8 Bobwhite Quail Eggs—
- No. 7030** 30 Bobwhite Quail Eggs—
- No. 7060** 60 Bobwhite Quail Eggs—
- No. 7120** 120 Bobwhite Quail Eggs—

AVAILABLE YEAR ROUND (SUBJECT TO CHANGE)

### CORTUNIX (PHARAOH) QUAIL



- No. 8008** 8 Cortunix Quail Eggs—
- No. 8030** 30 Cortunix Quail Eggs—
- No. 8060** 60 Cortunix Quail Eggs—
- No. 8120** 120 Cortunix Quail Eggs—

For large quantities call or fax (912) 748-5769

All prices post paid in continental USA.  
Shipping by Priority Mail 5th zone or higher.  
Other requested carriers will result in additional shipping charges. Phone for rates.

**NO C.O.D. ON EGG SHIPMENTS. EGGS  
CANNOT BE SHIPPED OUTSIDE OF THE  
UNITED STATES**

To order by phone dial

**912-236-0651**  
8am to 5pm EST M-F

24 hour ordering machine  
available 7 days a week  
**912-236-9832**  
(No clerks on this #)

Order online at  
**GQFMFG.com**

Use the shipping table on next page to estimate rates  
ALL PRICES F.O.B. SAVANNAH, GEORGIA - SUBJECT TO CHANGE

# SHIPPING INFORMATION

## SHIPPING ZONE CHART

Use First Three Digits of Your Zip Code to Determine Your Zone							
ZIP CODE PREFIX	ZONE	ZIP CODE PREFIX	ZONE	ZIP CODE PREFIX	ZONE	ZIP CODE PREFIX	ZONE
006-009	6	300-303	3	500-508	5	738-739	6
010-042	5	304	2	510-513	6	740-767	5
043-044	6	305	3	514-539	5	768-769	6
045	5	306	2	540	6	770-779	5
046-049	6	307	3	541-544	5	780-782	6
050-079	5	308-310	2	545	6	783-784	5
080-084	4	311	3	546-547	5	785	6
085-089	5	312-316	2	548	6	786-787	5
100-149	5	317-319	3	549	5	786-787	5
150-157	4	320-322	2	550-558	6	788	6
158	5	323-324	3	559	5	789	5
159-160	4	325	4	560-576	6	790-797	6
161	5	326-329	3	577	7	798-799	7
162	4	330-334	4	580-582	6	800-802	6
163-165	5	335-336	3	583	7	803-805	7
166	4	337	4	584	6	806-810	6
167	5	338	3	585-593	7	811-813	7
168	4	339	4	594-599	8	822-838	8
169	5	342-348	3	600-628	5	832-838	8
170-176	4	349-358	4	629	4	840-853	7
177-189	5	359-363	3	630-636	5	854	8
190-192	4	364-367	4	637-639	4	855-863	7
193-196	5	368	3	640-668	5	864	8
197-199	4	369-372	4	669	6	865-876	7
200-241	4	375	4	674	6	878-880	7
242	3	376-379	3	675	5	881-882	6
243-268	4	380-399	4	676-693	6	883	7
270-278	3	400-433	4	700-704	4	884	6
279	4	434-436	5	705-706	5	890-899	8
280-289	3	437-439	4	707-709	4		
290-292	2	440-445	5	710-722	5	900-961	8
293	3	446-462	4	723-724	5	962-969	8
294-295	2	463-468	5	725-735	5	970-986	8
296-297	3	469-478	4	736	6	970-986	8
298-299	2	479-499	5	737	5	988-999	8

NOTE: Shipment to Alaska, Hawaii, Puerto Rico & Post Office Boxes sent by surface Parcel Post. (Contact GQF office for UPS air rate to these points).

NOTICE: For weights over 70 pounds, divide "TOTAL WT." by 70 to determine the number of 70 pound packages. The difference remaining will be counted as one package. See example below for a "TOTAL WT." of 183 pounds for Zone 5:

<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">2</div> <div style="text-align: center;">Packages</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">70 lbs. to Zone 5 = \$42.19</div> <div style="text-align: center;">70 lbs. to Zone 5 = \$42.19</div> </div>
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">140</div> <div style="text-align: center;">1 Package</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">43 lbs. to Zone 5 = \$30.81</div> <div style="text-align: center;">183</div> </div>
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">43 "TOTAL WT."</div> <div style="text-align: center;">Amount</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">\$115.19</div> <div style="text-align: center;">\$115.19</div> </div>

Cabinet model incubators shipped via FedEx Ground. \$40.00 additional charge for UPS delivery of cabinet model incubator.

**Special Notice:** Some weights shown in this catalogue are not actual weights, but have been adjusted for handling charges and to take care of UPS rule for over size packages and for multiple package shipments.

**LIMITED WARRANTY**—GQF Manufacturing Co., Inc. guarantees against defect for a period of 1 year from date of purchase. This warrantee is void for product more than 3 years old when not sold direct from GQF to the consumer. Notify GQF Mfg. Co. of any defective items, giving catalogue number and name of item and what is wrong with item. Send copy of invoice showing date of purchase. GQF Mfg. Co. will send replacement, or replacement parts, or notify regarding return. Shipping charges for express shipping or shipments outside of the continental USA are to be paid by the customer. Product being used outside of the continental USA may need to be returned to GQF at user's expense for warrantee work. Returning of items without written permission will be at owner's expense.

Whereas GQF Mfg. Co. has no control over usage of equipment and product supplied, it assumes no responsibility for losses or damage from the equipment or product other than replacement of defective parts. No guarantee on hatchability of eggs. GQF assumes no responsibility for losses due to shipping damage, late shipment or arrival of product.

Do not expose electrical parts to water. Installation of electrical parts should be done by a qualified electrician. Use of replacement parts other than intended by GQF Mfg. Co. is not permitted. GQF not responsible if product does not comply with local product codes or codes outside of the USA.

## WEIGHT AND HANDLING RATES

ZONE LBS.	(In the continental 48 United States)						
	1 & 2	3	4	5	6	7	8
1	7.69	7.85	8.22	8.31	8.63	8.68	8.89
2	7.92	8.23	8.74	8.96	9.41	9.59	9.98
3	8.14	8.59	9.20	9.47	9.98	10.21	10.87
4	8.59	9.16	9.85	10.17	10.76	10.97	11.73
5	9.26	9.95	10.71	11.09	11.66	11.96	12.83
6	9.71	10.26	11.08	11.57	12.17	12.56	13.38
7	10.16	10.70	11.51	12.04	12.64	13.05	13.97
8	10.57	11.06	11.82	12.36	13.05	13.64	14.07
9	10.92	11.42	12.17	12.72	13.35	14.35	15.72
10	11.24	11.71	12.45	13.09	14.04	15.18	16.57
11	11.57	12.04	12.74	13.43	14.57	16.09	17.56
12	11.88	12.39	13.02	13.84	15.16	16.94	18.54
13	12.21	12.77	13.31	14.13	15.77	17.84	19.70
14	12.47	13.14	13.58	14.41	16.52	19.62	20.73
15	12.78	13.51	13.85	14.79	17.08	20.29	21.79
16	13.02	13.88	14.22	15.25	17.97	20.51	22.83
17	13.30	14.30	14.63	15.77	18.73	21.40	23.90
18	13.52	14.70	15.08	16.40	19.48	22.27	24.94
19	13.81	15.15	15.53	17.03	20.23	23.17	26.00
20	14.10	15.56	15.96	17.64	20.99	24.01	27.07
21	14.42	15.96	16.44	18.28	21.74	24.78	28.11
22	14.72	16.40	16.89	18.90	22.49	25.57	29.15
23	15.05	16.83	17.41	19.44	23.25	26.49	30.23
24	15.39	17.24	17.86	19.99	24.01	27.34	31.27
25	15.72	17.62	18.35	20.53	24.78	28.27	32.35
26	15.89	18.01	18.80	21.06	25.52	29.06	33.29
27	16.34	18.35	19.30	21.59	26.27	29.84	34.27
28	16.67	18.75	19.80	22.14	27.05	30.67	35.34
29	17.03	19.13	20.29	22.76	27.78	31.57	36.37
30	17.31	19.54	20.77	23.34	28.54	32.47	37.44
31	17.65	19.95	21.25	23.90	29.31	33.34	38.50
32	18.00	20.39	21.75	24.50	30.05	34.24	39.55
33	18.31	20.77	22.22	25.08	30.80	35.10	40.61
34	18.62	21.20	22.71	25.68	31.53	35.98	41.65
35	18.93	21.57	23.15	26.22	32.29	36.90	42.67
36	19.26	22.00	23.63	26.80	32.99	37.77	43.71
37	19.54	22.39	24.14	27.38	33.74	38.69	44.70
38	19.85	22.80	24.61	27.96	34.42	39.55	45.76
39	20.14	23.22	25.08	28.54	35.10	40.45	46.74
40	20.45	23.57	25.55	29.12	35.77	41.34	47.72
41	20.76	24.01	26.02	29.65	36.46	42.21	48.73
42	21.03	24.38	26.49	30.25	37.15	43.13	49.69
43	21.32	24.82	26.95	30.81	37.79	44.01	50.68
44	21.59	25.23	27.39	31.40	38.42	44.89	51.63
45	21.87	25.66	27.85	31.96	39.06	45.69	52.62
46	22.08	26.02	28.32	32.52	39.65	46.52	53.56
47	22.34	26.42	28.73	33.09	40.25	47.28	54.52
48	22.59	26.75	29.15	33.62	40.81	48.12	55.43
49	22.83	27.13	29.55	34.18	41.36	48.91	56.24
50	23.05	27.45	29.95	34.66	41.90	49.64	56.96
51	23.32	27.71	30.33	35.18	42.45	50.35	57.69
52	23.55	28.04	30.73	35.61	42.96	51.01	58.39
53	23.79	28.32	31.12	36.06	43.51	51.56	59.01
54	24.01	28.59	31.49	36.53	44.01	52.04	59.60
55	24.26	28.91	31.86	36.97	44.52	52.43	60.15
56	24.53	29.17	32.24	37.42	45.08	52.82	60.63
57	24.78	29.47	32.53	37.91	45.55	53.20	61.09
58	25.00	29.78	32.91	38.28	46.03	53.60	61.57
59	25.18	30.06	33.21	38.66	46.54	53.99	62.06
60	25.44	30.30	33.54	39.02	46.99	54.39	62.52
61	25.70	30.61	33.86	39.31	47.42	54.79	62.99
62	25.92	30.91	34.18	39.64	47.82	55.16	63.47
63	26.16	31.14	34.47	39.89	48.24	55.52	63.91
64	26.42	31.42	34.74	40.18	48.60	55.93	64.42
65	26.67	31.70	35.04	40.47	49.00	56.31	64.88
66	26.89	31.98	35.32	40.78	49.35	56.72	65.34
67	27.13	32.25	35.60	41.12	49.72	57.08	65.84
68	27.34	32.52	35.87	41.46	50.03	57.62	66.30
69	27.60	32.84	36.16	41.81	50.33	57.88	66.79
70	27.77	33.08	36.41	42.19	50.67	58.26	67.25

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