FAVORITE INCUBATORS

A size to fit every hatching need!

LEAHY MANUFACTURING COMPANY

406 West 22nd St. • HIGGINSVILLE, MISSOURI, U.S.A.
As we go into our forty-first year of manufacturing incubators, we look back at the past, check what has taken place for the present and try to look into the future. Always with one aim, outstanding in our mind - QUALITY PRODUCTS AT THE LOWEST POSSIBLE PRICE.

As each season goes by, we do experimental work in hatching the different type eggs. This takes place here at our plant and at farms, raising the different type poultry, waterfowl and game birds. This gives us a constant check on our materials going into our product along with checking for the best methods of hatching, to gain the best hatchability of the eggs set. Through this method we are able to eliminate any so called "bugs" which develop on many new products going on the market.

We are constantly being called upon for an incubator with automatic turning. We have given this very careful consideration. As each year goes by, we find customers changing to our equipment from types using automatic turning devices. We have found, through the checking of the incubator often, which is not done when automatic turning is used, you will gain from a five to a fifteen percent better hatch. Also we have found, where there is less working parts to the incubator, less mechanical failures will develop. With this in mind, we have been able to gain many new satisfied customers. Also, through not using automatic equipment, we are able to pass on to our customers the saving of the price of the automatic equipment, along with a higher percent hatch.

It has been twenty years since the first Favorite All Electric Incubators were first offered to the world for use by the hatcheryman, poultry breeder and game breeder. We have records of serving and testing of game bird hatching, since 1932. During this period of time, we have made many minor improvements - but no major improvements. As we are on a constant check of our materials, we are therefore in a position to use only the best available.

For those desiring to hatch their own eggs, where no electricity is available on their farms, we highly recommend our line of Favorite Hot Water, Oil Burning Incubators. They have been used by many poultry raisers and game breeders for over forty years. Hundreds of thousands are now in use the world over.

Today we put our Reputation and Guarantee behind this big profit making modern incubator. We know positively that for every dollar invested you cannot find a better investment for your money, when planning to do your own hatching, either as a hatchery man or an individual.

Every product we offer is made in our modern plant. A policy that was adopted early in the history of our company, was that of completely manufacturing the products we offer to the public for sale. By handling our business in this manner, we know exactly the quality of each part going into our incubators.

During these years, we have received thousands of letters from those using our incubators praising and endorsing the Favorite Incubator. We would like to show these letters to you, but that is impossible as space does not permit us to do so. We are however reproducing a few of these letters in this book with the different model incubators, showing what many of our customers think of the Favorite Incubators.

It is always a pleasure to hear from our customers. We enjoy receiving comment either good or bad as to the opinion of the Favorite Incubator. It is through these letters, we are able to develop the type equipment for the best possible results. When everyone is happy, we are happy. When we receive a complaint, we try to correct this difficulty to always have the best equipment available.

We believe in the Golden Rule. That is why our incubators are offered to you on a 30 day trial. You must be satisfied or we refund your purchase price.

Gilbert H. Gladish
Executive Vice-President

LEAHY ELECTRIC INCUBATORS . 1
Our Modern Manufacturing Plant in Higginsville, Missouri. Here Leahy Electric Incubators are carefully manufactured to high precision standards. A life of years of experience in building incubators goes into each machine. The efficiency of Favorite Electric Incubators is proved by the many letters from satisfied users. You will find in this catalog.

THE PENNSYLVANIA STATE COLLEGE  
School of Chemistry and Physics  
State College, Pa.

DEPARTMENT OF PHYSICS

Dear Mr. Gladish:

In telling you of our experience with the Favorite, Model 416, Electric Cabinet Incubator used in the Penn State propagation work, I should emphasize that I do not wish to pose as an expert in this field.

It is the eggs gotten from these ten-month old wood ducks and our own colony of two-year old mallards that your Model 416 incubator this Spring. Most of these eggs were laid early in nests in and about our Physics building roof pond, which I have told you about.

Some of the mallards and, also, some of the wood duck eggs had been incubated up to a week or two by the them. Others, of both kinds, were placed in the incubator a few days after being laid. One clutch of wild black duck eggs was placed in the incubator on the 19th of March. The following is a report of the results obtained.

<table>
<thead>
<tr>
<th>Species</th>
<th>Source</th>
<th>Number</th>
<th>Fertile</th>
<th>Hatched</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mallard</td>
<td>Mallard colony on roof pond of Physics Bldg.</td>
<td>50</td>
<td>48</td>
<td>46</td>
</tr>
<tr>
<td>Wood Ducks</td>
<td>Wild wood ducks on roof pond of Physic Bldg.</td>
<td>25</td>
<td>23</td>
<td>22</td>
</tr>
<tr>
<td>Black Ducks</td>
<td>North-Central Pennsylvania</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

The hatches came off at varying times and, in some cases, the two extra sections of the water pans were filled and the wet-bath thermometer raised to 91 degrees or so. However, two-thirds of the hatching occurred at the usual 90½ to 90 degree combination of temperatures.

In all cases of the embryo reaching the hatching stage, and not surviving, there was an abnormality present, such as the egg being turned the wrong way in the shell or the air sac was in the tip of the egg. The most important and interesting case was that of the tenth black duck. It was turned wrong in the shell and pipped the egg very near the point. Since the air chanced was in the normal end it never was broken. I watched the progress of this embryo and six hours after the others were hatched I de cided to wait an hour longer and then break the tip off by hand. When I next opened the incubator I found the duckling hatched and normal in every observable way. The remaining shell still shows an unbroken air sac.

In general I can say that I have full confidence in this incubator’s ability to hatch ducks of the species mentioned. With the mallards and the blacks the automatic turning devices were used. With the smaller wood duck eggs, they were kept in place and turning was done individually by hand.

In brief, I believe the Model 416 Leahy Incubator to be most satisfactory for hatching wild duck eggs of the mallard, black and wood duck species.

Sincerely yours,
Henry L. Yeagley  
Assoc. Professor of Physics

2. LEAHY ELECTRIC INCUBATORS
THE FAVORITE air circulation principle is basically different from other principles in that the air is circulated around the trays rather than trying to force air between or through the trays. On first thought this would not seem to be much different from less efficient principles, but when one studies the chemical changes that take place during incubation, it is found that the gentle air currents set in motion around the eggs by circulating the air around the trays is a highly important factor in hatching larger, stronger chicks.

In order to maintain the correct chemical process in incubation we have made it possible to remove the carbon-dioxide gas from the shell SLOWLY. By circulating the air around the trays at high speed, slow moving, gentle, air currents are set in motion around every egg in each tray. This not only assures proper chemical change but also assures that each egg will be uniformly bathed in fresh, warm moist air. There is no direct or strong current of air on any of the eggs at any time.

The accompanying diagram shows the manner by which the Favorite circulates air AROUND THE TRAYS inducing gentle, slow moving air currents among the eggs in the trays to promote the correct chemical changes in the eggs during incubation.

The fan generates a strong air current and directs it against the streamlined back wall which guides it around the ends of the trays and on underneath where it is heated by a heater and humidified by the water pans. After it has been heated and moistened it naturally rises again to the position of the fan and is sent on its course around the trays fully warmed and humidified.

The band of correctly heated and humidified air around the trays quickly imparts its own temperature and moisture to the slow moving currents around the eggs so that each egg is constantly bathed in correctly warmed and humidified air.

FAVORITE INCUBATORS ARE built to last A LIFETIME

Built of Genuine California Redwood

The entire cabinet of the Favorite is made of the finest grade of Genuine California Redwood, the best and highest priced lumber that is practical to use. We feel sure that there are very few pieces of furniture in your home that are built with better materials and better workmanship than the Favorite Incubator.

There is an outer and inner wall with dead air insulation in between these walls. This type of construction makes it easy to maintain a uniform temperature and much more economical to operate than single wall construction. All parts are carefully milled and fitted with extreme accuracy and the outer wall of the cabinet is finished in a beautiful natural amber color.
proper circulation of air
PROVED BY YEARS OF RESEARCH TO BE THE MOST IMPORTANT FACTOR IN SUCCESSFUL HATCHING

THE PRACTICE of incubating eggs is probably about as old as history. Up until about 90 years ago not much was known about artificial incubation. Then it was found that if you were to put a number of eggs in some sort of a box and apply heat in a fairly even manner, at the end of three weeks you would be able to hatch a small percentage of the eggs that you had heated. If you will study all of the incubators on the market today you will find that they are built primarily around a heating principle.

Before you can consistently get high average hatches of strong, vigorous, healthy chicks you must get a thorough understanding of the chemical changes that take place during incubation. You must also have knowledge of the physical elements pertaining to incubation.

PROPER CIRCULATION OF AIR has been found to be the ONLY METHOD of controlling these various elements and chemical changes. The Favorite All Electric was the first to apply this principle in incubators built for the poultry raiser and the Favorite is the only incubator of which we have knowledge in which this circulation of air controls these elements with accuracy.

TEMPERATURE and HUMIDITY are the two physical elements that must be controlled with as near absolute accuracy as possible, if you are to get hatches of 75% to 95% of all eggs set.

It is not only necessary to control Temperature and Humidity in just one part of the incubator, but it is necessary that this be done in each and every part and place inside the incubator. Very accurate thermostats are used and proper temperatures can be maintained no matter what the weather conditions may be outside. Humidity and ventilation are the two other physical elements that are under almost absolute control. This means that each egg will get the same relative humidity and the same even temperature.

Many chemical changes take place during incubation. Carbon dioxide is carried from the embryo chick to the air cell where it passes out, through the shell and oxygen is drawn into the air cell and passed on to the embryo. Mineral from the shell is also carried to the embryonic chick. If the physical elements are not properly controlled and are not absolutely correct the chemical changes will be greatly affected. This is why, with many incubators, a great many chicks do not have the vitality to break through and die in the shells. This is why, also, that many types of incubators hatch such a large percentage of weak chicks.

When you consider the purchase of an incubator keep these things in your mind as they are of great importance. The application alone of heat, moisture and ventilation is not enough—it is the proper controlling and directing of these elements, so that they will help and not hinder the proper chemical changes, that brings a high percentage hatch of healthy, husky chicks.

Of Special Interest to the Game Bird Breeder

It is an old time belief, that only still air incubators will properly hatch out pheasants. With a thorough understanding of the gentle slow circulation of air through the trays, has the same effect as the setting hen. Test after test has proven the Favorite Cabinet Incubator will give as good, if not a better hatch of healthy chicks, than a still air incubator.

4 LEAHY ELECTRIC INCUBATORS
THE KIND AND TYPE of instruments used in your incubator are of even more importance than construction of the cabinet. To obtain the greatest amount of success with your incubator it is necessary that only the finest of precision instruments be used. In the incubators that we are offering we are using instruments that have taken us years to develop. We know them to be absolutely accurate and dependable.

Air Conditioning Fan

Of great importance in the operation of the Favorite All Electric is the type and kind of fan that is used to provide air circulation. We purchase these fans from a factory that has specialized in building electric motors only, for many years. We use an induction type of motor which has no brushes to wear out or cause trouble.

Thermometer - Hygrometer

The Thermometer and Hygrometer that are used are made by the Taylor Instrument Co. Experience has proven that instruments made by this concern are the finest that we can use. Each instrument is thoroughly tested and inspected before leaving the factory and you can depend absolutely on their accuracy down to the smallest fraction of a degree.

The Favorite All Electric Incubator is so reliable that only a very few moments of your time are necessary each day watching the various controls. It is not necessary to get up in the middle of the night with a Favorite. You can depend upon getting a good night's sleep every night.

Despite the fact that we have gone to unusual expense to obtain the best of materials and instruments—we are still able to offer Favorite All Electric Incubators to you at amazingly low prices. Our special features of simplicity and efficiency enable us to do this. When you purchase a Favorite you are getting the biggest incubator value ever offered.

Electric Heaters

The electric heater we use is built here in our own factory. Extensive tests have shown it to be the most accurate of any heater used on a small incubator. Our heaters are made of Nichrome wire and will not increase temperature when heat has been turned off. This is very important because eggs can be very easily overheated. Some incubators on the market do not use this type of a heater. The secret of our heater is the use of a LOW HEAT ELEMENT.

The Thermostats

The Thermostat is the nerve center and heart of the FAVORITE Incubator. All cabinet incubators are equipped with a double thermostat and tandem three inch wafer. The thermostat we use is so accurate there is seldom a variation of more than one-fourth degree during the hatch. We have not only checked the accuracy of this thermostat hundreds of times ourselves, but the records of users who have written us, prove under various weather conditions, a very accurate control of temperature is maintained. A truly fine insurance item to the user.
Trays for Models 416 and 624

The tray pictured above is used in Models 416 and 624. Egg positioners are shown that eliminate “packing.” Positioners allow the eggs to be turned IN THE TRAY. The tray is never moved in turning the eggs and positioners are easily removed when hatching period is started. Similar trays and positioners are used in Models 1200, 2100 and 20.

Trays for Models 1650 and 3300

The tray shown above is used in Models 1650 and 3300. In these models THE TRAY IS TURNED in turning the eggs. Egg positioners hold eggs firmly during the turning operation and are quickly and easily removed when the tray is transferred from the setting section to the hatching section.

Special Goose Positioners

The egg positioner shown above is our goose egg positioner. This positioner is used in all type cabinet incubators suitable for hatching the goose egg. The special egg turner is used with the models 416, 624, 1200, 2100, and 20. The turner gives the eggs the necessary 180 degree turn.

Special Quail Positioners

The quail egg positioner shown above is used in the models 1650, 3300, 30, and 40. Holding eggs in the correct position to give all eggs the proper 90 degree turn. Louvre type positioners are available for all type eggs (quail, pheasant, chicken, turkey, duck, partridge, peafowl, and guinea).

Special Tray Covers

The tray cover shown above is used with Models 30 and 40 incubators for hatching goose eggs. This cover serves as a bottom for goose eggs when the 180 degree turn is made.

The tray cover shown above is used over all trays in all incubators for game birds at hatching time. We do not have a tray cover to fit the models 65 (kerosene or electric). This tray cover is not necessary where chicken or larger eggs are being hatched.
Illustrated above is the humidity pan used on Models 416, 624, 1200, 2100, 40, 30, and 20. Three compartments make it easy to maintain the correct humidity. The pan is located for easy, quick filling or removal.

The large moisture pan shown above is the large moisture pan used in Models 150, 300, and 450 for added moisture surface for the hatching of duck, goose, and game bird eggs. The large moisture pans shown above are used in the Models 65 for added moisture surface for the hatching of duck, goose and game bird eggs. The large moisture pans are used only at the hatching period. The standard moisture pan is used until egg turning period is finished.

**Approximate Egg Capacity of Each Incubator**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Chicken</th>
<th>Turkey</th>
<th>Goose</th>
<th>Duck</th>
<th>Pheasant</th>
<th>Quail</th>
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<tbody>
<tr>
<td>No. 65 Junior Oil and Electric</td>
<td>62</td>
<td>44</td>
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<td>41</td>
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<td>144</td>
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<td>57</td>
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<td>264</td>
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<tr>
<td>No. 300 Oil and Electric</td>
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<td>200</td>
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<td>No. 450 Oil</td>
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<td>No. 2100 Cabinet</td>
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<td>414</td>
<td>800</td>
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<td>1000</td>
</tr>
<tr>
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<td>1200</td>
<td>800</td>
<td>416</td>
<td>829</td>
<td>1600</td>
<td>2112</td>
</tr>
</tbody>
</table>
SEVERAL YEARS AGO when we first introduced the Favorite All Electric on the market we realized that nearly all phases of poultry business had been progressing rapidly except the small incubator. It was with this idea in mind that we decided to build a full line of Favorite Incubators in various sizes so that every poultry raiser, either large or small, would have the opportunity of getting a model that would exactly fit his or her requirements.

The smallest model that we build is our Model 416. Favorite All Electric Incubators are numbered according to their capacity with the egg positioners in the trays. Without these positioners in the trays a great many more eggs can be set, but we do not recommend that the additional number of eggs be set except in rare instances where the poultry raiser is thoroughly familiar with all hatching conditions.

The Model 416 is a small efficient incubator that may be used as a setting machine or hatchet. An efficient low current consuming fan directs the patented circulating system that allows correct chemical changes for bigger stronger chicks. A dependable wide range adjustable heater with pilot light furnishes correct, uniform temperature. The quickly cleaned and removable moisture pan with three compartments gives efficient control of humidity.

Well constructed, easily cleaned trays with egg positioners, eliminate “packing” and make egg turning, with turning irons, a safe operation. The securely held positioners are quickly removable at hatching time without disturbing the eggs. Eggs set and hatch in the same trays. Trays are inter-changeable with Model 624, making it possible to operate both sizes in batteries.

Ventilation holes provide fresh air and help control temperature in warm weather. Every part of this model is easily accessible for cleaning after the hatch. The Model 416 is a compact, self-contained unit, takes little space and can be operated in any room in your house and is shipped ready to operate and hatch better quality chicks.

**Specifications on MODEL 416**

- Depth: 37 Inches
- Height: 39 inches
- Width: 22 Inches
- Number of trays: 4
- Size of fan (one): 8 Inches
- Egg capacity, each tray: 150 Eggs
- Heater: 187 Watts
- Maximum Load: 90 Watts
- Approx. KWH used in 3 wks: 10
- Approx. Shipping Wt.: 170 lbs.

Dear Mr. Gladish: Thinking you may want to hear about my first hatch. Set 60 eggs and came off with 43 quail - 13 infertile eggs - 2 dead germ eggs. That is something you can't beat. If you want a good incubator get a 416E. They did not pack corrugated paper on the incubator door, that may have helped.

Mr. Smith is well pleased with his 416E.

Glenn Quail Farm, Macon, Ga.

D. C. Glendenning.
Highly Pleased with his
Leahy Electric Incubator

Dear Mr. Gladdish:

The Favorite Incubator Cabinet Style of four trays, I bought of you early this year, is a big success. I set it with my Goose eggs six times. The first hatch was March 29. I kept a record and find I hatched over 80% of all eggs set and there were no weak goslings and all hatched perfectly.

This year I culled my flock down to small size as wanted only goslings of my Prize Winners of the County and State Fairs of California last year. I now have a good sized flock of young ones, all grand giant specimens and all perfectly white. I did not sell any of my first hatches as need more layers for next season. Geese are in big demand. Due to having a small ad in Ducks and Geese Quarterly, there were many who wanted my Goslings. I did ship 51 by Air Express to Hilo, Hawaii, all arrived safely, and could not refuse to sell some others to California ranchers who really wanted some of my fine Exhibition Birds.

I started your incubator, put eggs in following day. At once I had correct temperature and did not change the adjustment for over four months. I followed your Goose Instructions. I found moisture reading was just right by keeping the compartments of water pan full all the time.

The cabinet where your incubator lives, the temperature varies quite a bit. Is shaded by trees and at night much cooler than in day time. But reading of incubator temperature remained the same all the time.

The special Goose egg trays are excellent and the simple egg turners very good also and one does not need take trays out to turn.

The cabinet type also takes up very little space in a room, in contrast to the old type machines which required much space.

Frederick Preston Search
Carmel Valley, Calif.

Gentlemen:

Some years ago, I purchased an electric incubator from you, Model 416. It has been doing a wonderful job. I am more than pleased with it and have done some custom hatching and had customers well pleased. The past month I had a hatch that was very good. I had a tray of eight turkey eggs and nine minorca eggs. I had a hatch of seven turkeys and eight chicks. This was a trial run and a friend of mine wanted early chicks so I consented to do it just as a trial.

Ted May, Rochester, N. Y.

"We have at the Dux Pheasant Pharm in Navato, California, over the period of the last five years experimented with four different makes of incubators, both still air and circulating. In attesting to the superiority of the Leahy incubator manufactured at Higginsville, Missouri, it is sufficient to announce that we have had two of the 400 models operating throughout the 1952 season, starting both of them as early as April 15 and closing down September 15. We find the hatchability of these incubators to exceed any other make we have tried, the maneuverability is very simple and the humidity is easily manageable.

"The fertility this last season has been very mediocre at our plant and but for the satisfactory results obtained by the use of your incubators, the livability of our hatches would have been considerably below average."

Dux Pheasant Pharm
H. Duckenfield
THE LEAHY FAVORITE model 624

THE ONLY difference between Model 416 and 624 is that the 624 is a little taller and holds six trays instead of four trays. Both machines utilize the same revolutionary principle of circulating air around the tray in order to provide the correct chemical changes necessary to hatch stronger, more vigorous chicks.

Both models have the same dependable heating and air conditioning features to maintain the most efficient incubating conditions. Economy and simplicity of operation, low first cost and a long life of dependable service are true of both models.

Either of these models will prove a profitable investment for you. They are ideal for specialty hatching, pedigree hatching (special pedigree baskets are easily fitted in trays of both models) or to supplement large equipment that you now have.

Specifications on Model No. 624

<table>
<thead>
<tr>
<th>Specification</th>
<th>Model 624 Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth</td>
<td>37 Inches</td>
</tr>
<tr>
<td>Height</td>
<td>46 Inches</td>
</tr>
<tr>
<td>Width</td>
<td>22 Inches</td>
</tr>
<tr>
<td>Number of Trays</td>
<td>6</td>
</tr>
<tr>
<td>Egg cap. of each tray</td>
<td>104</td>
</tr>
<tr>
<td>Size of fan (one)</td>
<td>8 Inches</td>
</tr>
<tr>
<td>Heater</td>
<td>250 Watts</td>
</tr>
<tr>
<td>Maximum Load</td>
<td>287 Watts</td>
</tr>
<tr>
<td>Approximate KWH used in 3 weeks</td>
<td>65</td>
</tr>
<tr>
<td>Approximate shipping weight</td>
<td>200 lbs</td>
</tr>
</tbody>
</table>

Dear Mr. Gladish:

We are very well pleased with our Favorite Incubators. In our custom hatching we hatch many kinds of eggs, such as goose, duck, turkey, guinea, pheasant, partridge and quail, etc. I find that it is easy to live up to our slogan, “If it lays an egg we will try to hatch it for you” with our Favorite Incubators, as they are so flexible.

I am especially proud of our Favorite Goosers with their 180 degrees turning. They are so dependable, and after the goose egg season is over we use them for other eggs with the special positioners.

I have tried several makes of incubators but truly Leahy’s Favorite is my favorite.

Yours respectfully,

H. R. Scofield, owner

O. G. Hatchery, Oak Grove, Mo.

Goslings hatched out in a Model 624 incubator after being incubated in a Model 40 incubator at the O. G. Hatchery, Oak Grove, Missouri.
OUR MODEL 1200 is the answer to an insistent demand for a larger capacity incubator incorporating all the advantages and operating economies to be found in our smaller machines. The Model 1200 may be used for continuous hatching or for hatching part of its capacity while other eggs are in the process of incubation. It may be used as a setting machine or a hatcher.

Practically all of the equipment used in this model is identical with that of our smaller models, but because of the increased size we have supplied added heating equipment by using a special type heater in order that uniform, dependable temperature may be constantly maintained; yet with this greater heating capacity operating costs of the Model 1200 are only a trifle more than that of the smaller size models.

The Model 1200 with its larger capacity is as low in first cost as it is in operating cost and with its sturdy construction may be depended upon for years of trouble-free production of finer quality chicks.

Thousands of these machines are already in daily use profitably producing better chicks under wide and varied conditions.

**Specifications on MODEL No. 1200**

- Depth: 47 1/2 inches
- Height: 56 inches
- Width: 22 inches
- Number of Trays: 8
- Egg cap. of each tray: 152
- Size of fan (one): 10 inch
- Heater: 350 Watts
- Maximum Load: 425 Watts
- Approximate KWH used in 3 weeks: 98
- Approximate Shipping weight: 296 lbs.

The results for our 1952 hatching season on our quail have been very satisfactory. From 309 pair of breeders we set 20,757 eggs in 14 weeks (May 5th to August 4th inclusive). We hatched and started 16,450 birds and had 1,816 infertile eggs. This gave us an average hatch for the entire season of 86.6 per cent of total fertile eggs. Our season's total of all eggs set gave us an average of a 79.2 per cent hatch.

State Quail Farm, Pittsburg, Kas.
Chas. Troxel, Superintendent

A quail breeding pen as used at the Ozark Quail Farm, Cartherville, Mo.
THE LEAHY FAVORITE

model 2100

THE POPULAR size of the Model 2100 makes it an ideal incubator for many purposes. Since we recommend that this model be used for continuous hatching by setting one-third its capacity each week, every broiler producer can see the advantage of having one of these machines in his plant.

This model utilizes our patented air circulating system that provides the correct chemical change in the egg necessary to hatch a stronger chick. The gentle air currents around the eggs are kept in uniform motion by a scientifically applied fan. A special heater provides unvarying, dependable temperature, and with the adjustable moisture pan makes it possible to maintain the correct humidity at all times. Ventilation openings provide fresh air and help control the temperature under varied conditions.

Sturdily trays hold the eggs securely without "packing" and eggs are quickly and safely turned by turning irons. Eggs need not be touched since they are set and hatch in the same tray. Efficient tested instruments faithfully record temperature and humidity and are in full view of the operator.

Specifications on MODEL No. 2100

- Depth: 50 Inches
- Height: 70 1/2 Inches
- Width: 29 Inches
- Number of trays: 11
- Egg capacity of each tray: 190
- Size of fan: 12 Inches
- Heater: 500 Watts
- Maximum load: 570 Watts
- Approximate KWH used in 3 weeks: 130
- Approximate shipping weight: 520 lbs.

Underwriters Laboratories Approved
C. S. A. App. No. 6384


Dear Sir:

Yes you may use my statement for your New Catalog. As I am speaking the Truth about it. In fact it is one of the "Best Incubators" I have ever used.

I have used My Favorite Incubator for 8 years now, and have never had better results. During the War I set and hatched goose eggs. Setting 85 to 90 and getting 76 and 88 goslings. It worked so perfect I could leave it and never missed a day or had to worry about it while at work.

This year I set Austra-White eggs, 160 and got 148 chicks, the next hatch I set 159 eggs, extra large ones and got 144 chicks.

I can not praise your incubator enough, once it is set correct and as directed it will work perfect.

Mrs. Jack LeHew
Winchester, Kansas


Dear Sirs:

This makes 26 years I have run successfully my Favorite Incubator. It is still in excellent condition and I always get such good hatches.

J. E. Garnand, Newton, Mo.
THE MODEL 3300 is just twice the size of the Model 1650. We have increased the number of fans, heating units and humidifying capacity to adequately take care of the increased size.

The Model 3300 contains 16 setting and 6 hatching trays—all the same size and interchangeable. The same traying and turning system is employed as that in the Model 1650. The positioners in both the 1650 and 3300 models will fit either chick, duck or turkey eggs. Both models have been found especially efficient in duck and turkey incubation.

Specifications on MODEL No. 3300

<table>
<thead>
<tr>
<th>Specification</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth</td>
<td>50 Inches</td>
</tr>
<tr>
<td>Height</td>
<td>69 Inches</td>
</tr>
<tr>
<td>Width</td>
<td>52 Inches</td>
</tr>
<tr>
<td>No. of trays</td>
<td>16 settings, 6 hatching</td>
</tr>
<tr>
<td>Size of fans (two)</td>
<td>12 Inches</td>
</tr>
<tr>
<td>Egg capacity of each tray</td>
<td>150</td>
</tr>
<tr>
<td>Maximum load</td>
<td>885 Watts</td>
</tr>
<tr>
<td>Heater</td>
<td>2 - 350 Watts</td>
</tr>
<tr>
<td>Approximate KWH used in 3 weeks</td>
<td>150</td>
</tr>
<tr>
<td>Approximate shipping weight</td>
<td>950 lbs.</td>
</tr>
</tbody>
</table>

My model 3300-E Favorite Incubator has now been in operation two years. I have been using this machine to hatch wild turkey eggs and feel the results have been unusually good. My hatches have averaged up to 93% of fertile eggs with a total average of 87.5% for over 3500 eggs. The cooperation given by your company is greatly appreciated.

Nicolai Milling Co.
Bill Nicolai

For the past five years we have used your incubators exclusively. I believe we have a very representative stock of your entire line. Five years ago we started with your Favorite kerosene model. We picked this incubator up second hand and it had had many years of use. Then we moved up to your 1650 using your 416 as a hatcher. Each year since the first year we have added more of your equipment. We now have the following models and they are all doing a perfect job, 416, 624, 1200, 2100, and two 3300's.

Our quail hatches this year averaged a little better than 80%. Believe that is good considering our very hot and dry season.

We are so well pleased with results obtained by use of your incubators that we would like to have you tag another 3300 for shipment to us in the next few weeks. Do not hesitate to recommend your machines for use in incubation of game birds. We use your machine for all types of game birds with equal success.

Dr. P. M. Pence, Ozark Quail Farm, Carterville, Mo.
Dear Mr. Gladish:

This year I have hatched a little of everything and feel I can truthfully say my hatches have been grand.

We hatched close to 1700 chickens, 200 bantam chickens, 50 guineas, few pheasant eggs, turkey duck and geese eggs.

I have used the 3300 for chicken, duck and turkey eggs. Also used the hatcher in the 3300 for duck and turkey, quinea and bantam eggs, and they hatched very good.

My 1200 I used for duck and turkey eggs. My 2100, the two of them, I used for goose eggs, also hatched duck and turkey eggs at the same time in them. My new louvers in the 2100 were packed with goose eggs way to the back. I found out they don't turn completely over but I have been watching each hatch and I have had two and sometimes even three eggs hatch in the last row, so I find it is all right to use the complete louver.

My No. 40 goose incubator has been completely full three times this year with very good hatches.

I have some chicken eggs of my own in the No. 40 in one of the goose trays, just an experiment.

Mrs. George Poppe
Ceylon, Minn.
THE NEW FAVORITE Model 40 Incubator was designed by the large demand for an incubator with a turning rack to hold goose eggs. This is our only incubator with a turning rack that is adjustable to either a 90-degree turn or the 180-degree turn, which is necessary for goose eggs. The trays are deep enough to handle goose eggs up to 2½ inches in diameter.

The game bird breeder was also instrumental in the design of this incubator. This incubator is used as a setting incubator only where another incubator is used as a separate hatcher due to so much difference in the demand for humidity. Also the hatching compartment in our Models 1650 and 3300 are of no value to the breeder, and many of our game bird breeders prefer to set their eggs in a forced air incubator and hatch in a still air incubator. It is our desire to have the proper equipment for breeders of all fowl and game birds.

Our Model 40 Incubator has proven to be a highly successful incubator for all around setting of eggs.

Specifications MODEL 40 Setting Machine

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth</td>
<td>55 inches</td>
</tr>
<tr>
<td>Height</td>
<td>65 1/4 inches</td>
</tr>
<tr>
<td>Width</td>
<td>28 1/4 inches</td>
</tr>
<tr>
<td>Turning (adjustable)</td>
<td>90 degree or 180 degree</td>
</tr>
<tr>
<td>Number of trays</td>
<td>8</td>
</tr>
<tr>
<td>Egg capacity of each tray</td>
<td>156</td>
</tr>
<tr>
<td>Size of fan</td>
<td>12 inches</td>
</tr>
<tr>
<td>Heater</td>
<td>500 Watts</td>
</tr>
<tr>
<td>Maximum load</td>
<td>570 Watts</td>
</tr>
<tr>
<td>Approximate shipping weight</td>
<td>560 pounds</td>
</tr>
</tbody>
</table>

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Leahy Manufacturing Co.
Higginsville, Missouri

Gentlemen:

I waited a couple of days to answer so I could know the results of the third tray of goose eggs set in your No. 416. Thirty out of the forty hatched and again every fertile egg hatched. We just broke the other ten to verify the candling. Also got 100% on White Chinese which makes 100% on all three trays. It is absolutely remarkable the way they hatch. I am going to give it a try on ringneck eggs next month. I might add that we deviate from your instructions just a little, we dip our goose eggs for 15 seconds every other day to the half way mark and every day from then on to 26 days and sprinkle the last two days and often while hatching. A little trouble but it gets them out.

A. B. Chichester
R.F.D. 4, Box 662
Little Rock, Ark.
Our New Favorite Model 20 Incubator was designed for the Model 40 Incubator as a separate hatcher. The trays are interchangeable with the Model 40, making a perfect combination.

The design of the Model 20 has been proven to be able to obtain a higher humidity requirement for goose eggs. The moisture pan has compartments for your moisture requirement adjustments.

**Specifications MODEL 20 Hatching Machine**

- **Depth**: 47 1/4 inches
- **Width**: 22 inches
- **Height**: 39 1/4 inches
- **Number of trays**: 4
- **Egg capacity of each tray**: 150
- **Size of fan**: 10 inches
- **Heater**: 250 Watts
- **Maximum load**: 285 Watts
- **Approximate shipping weight**: 225 pounds

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Dear Mr. Gladish:

We were overly pleased with our Model 40 and Model 20 Incubators. The hatching was much higher than we ever expected from goose eggs. At times the percentage was as high as 90% and next year I know we can do better. The incubators are so easily operated.

We are looking forward to a big year next year and perhaps adding more incubators.

Mr. and Mrs. W. J. Donovan
Blue Springs, Mo.

Mr. and Mrs. W. J. Donovan, Blue Springs, Mo., shown with their Models 40 and 20 being used for the hatching of goose eggs. First year operators with high percentage hatches.
The Model 30 is the answer to the small breeder's problem for an incubator with a turning rack to be able to turn all eggs at one time. The Model 30 incubator may be adjusted for either the 90 degree turn suitable for the most type hatching; or the 180 degree turn, which is required for the goose egg. This is a single phase incubator to be used as a setting machine only, for continuous settings, or may be used for making a complete hatch.

The trays in the Model 30 are the same width and length as the trays used in the Models 416 and 624, although the trays are 3/16 inch deeper to hold a goose egg up to 2 1/2 inches in diameter. Either the model 416 or a small still air incubator may be used as a separate hatcher, rounding out a perfect setting and hatching combination.

All positioners for the Model 30 are of the louver type. Very easy to remove for hatching or change for another type positioner to use with another size egg.

The Model 30 incubator was designed through the many requests of small gamebird and waterfowl breeders. Realizing this, we are now offering you this incubator, since continuous hatching of most type eggs is not practical in the same incubator. This incubator is very economical to operate. The incubator does not have to be full of eggs to operate. The trays do not have to be completely filled to make a setting. A very sturdy constructed cabinet to give many years of faithful service.

The picture at the left shows a box of pheasant chicks from one of our test hatches with the model 30 incubator. This incubator having both the 90 and the 180 degree turn makes a perfect setting incubator for the small breeder.
DESIGNED FOR THE SMALL game breeder

Dear Sirs:
The Leahy Incubator which you sent to this college last season has been used for experimental hatching this season. During the month of May, 1936, it gave us an average of 88.49% hatchability and 92.6% of the fertile eggs hatched in June. Similar results were obtained earlier in the season. We are very much pleased with the machine. It is easy to operate and we like the construction of it very much. Poultrymen who have seen it comment favorably.

Massachusetts State College
G. T. Klein, Extension Poultry Husbandman

These two pictures show pheasant eggs in the Model 30 incubator. Through extensive tests, we have found this to be the perfect incubator for the small breeder. The incubator is very easy to operate, move around and to keep clean. All working parts are accessible from the front of the incubator except the turning lever, which is located on the side of the incubator.

Dear Sirs:
I have had my Leahy Electric Incubator since 1943, and it really does a fine job of hatching.

Ray F. Alderson, Director
Poultry Dept., Newbury Park Academy
Newbury Park, California.

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Specifications MODEL 30 Setting Incubator
Depth ........................................ 42½ Inches
Height ........................................ 55½ Inches
Width ......................................... 28 Inches
Number of trays ................................ 6
Egg capacity of each tray .................... 100
Size of fan .................................... 10 Inches
Heater ........................................ 350 Watts
Maximum Load ................................ 425 Watts
Approx. KWH used in 3 weeks ............. 98
Approximate shipping Wt.................... 326 lbs.

LEAHY ELECTRIC INCUBATORS . 19
Dear Sirs:

We are now using four of your Model 1650 incubators as setting machines and our separate hatcher are one Model 1200 and one Model 416. We will need another Model 1200 as a separate hatcher for the coming season. When this incubator is ready, let us know.

During the hatching season, we set 2,800 quail eggs a week. We are well pleased with the results we have been obtaining for the past three years. This last season of hot and dry weather forced us to gather our eggs more often, but we were still able to get a season average of 90 per cent hatch of all fertile eggs.

Carl Lowrance
L. & M. Quail Farm, 1730 Picher
Joplin, Missouri
Dear Sirs:
This last spring I used one of your 220 egg capacity, oil burning incubators. Personally I think it is tops. The temperature never changed even one degree during the incubation period. It never failed me once throughout the job of hatching 500 good, sturdy chicks.

This next season I hope to expand my hatching facilities. So therefore I come to you for assistance.

Harold Stevenson
Garden City, Kansas

Dear Sir:
Your Model 416 will handle goose eggs better than any machine I ever used. The first and second settings of 33 eggs hatched 23 and 21 respectively. Every fertile egg hatched and every White Chinese egg was fertile, so I believe it would be possible to obtain 100% hatches on White Chinese alone. My other geese are not built up to the high standard that I have the White Chinese which probably accounts for the low hatchability. If the 416 will handle chicken and pheasants as well, I may use it as a No. 1 machine while we are cut back to our present production.

A. B. Chichester
Little Rock, Arkansas

Mr. Gilbert H. Gladdish
c/o Leahy Manufacturing Co.
Higginsville, Missouri

I am very much pleased with the Model 624 Incubator purchased from your firm this spring. It has run continuously for five months not causing any trouble at all, not even a bulb has burned out.

My hatches were good considering the very dry hot weather of this year and I am pleased with the percentages hatched. I use the pheasant egg positioners and the turning wires thereby eliminating handling the eggs until I took them out of the positioners for hatching. I set my eggs each week and hatch them in the same trays using the tray covers. All breeds of pheasant eggs were set and hatched with equal success.

My golden and silvers along with other ornamental pheasants are used for display purposes at shows and in zoos in addition to the demand for mounting by taxidermists. I recommend your incubators to all my customers.

Walter J. Loving, Kansas City, Kansas

As the hatching season is coming to a close, I thought you might like to know how my Model 624 which I purchased from you in the spring had performed. I had very good results with it in hatching my numerous breeds of ornamental pheasants and I had excellent results with it in the hatching of my quail and chukar partridge eggs. I also set my lavender and purple guinea eggs together with my peafowl eggs and had exceptionally good results with them. The unit is not only easy to operate, but economical and I would highly recommend it to either the hobbyist or the commercial breeder.

Sam Woodson, Excelsior Springs, Mo.