

 <p>MagiCfly User Manual of MagiCfly Fully Automatic Egg Incubator for 9-12 Eggs.</p> <p>Model:MF014 Contact: service@magiCfly.com</p>	<p>Table of Contents</p> <p>1. Introduction of MagiCfly Egg Incubator.....3 2. Important of Safety.....3 3. Installation.....4 3.1 Name of the parts.....4 3.2 Assemble and Operation Steps.....5 4. Setting and Maintenance.....8 4.1 Incubation technology.....8 4.2 Setting.....9 5. FAQ.....10 6. Cleaning.....13 7. After-sales Service.....13</p>	<p>1. Introduction of MagiCfly Egg Incubator The MagiCfly incubator can hatch a variety of eggs, such as chicken eggs, duck eggs, Quail eggs, pheasant eggs, guinea fowl, owl eggs, etc. Our incubator can accommodate 9-12 eggs depending on the eggs size and breed. There is a LED display which is used to showing and setting the temperature. It has an automatic turning system that turns eggs slowly and automatically. (Note: It is invisible to see the turner work, but it did turn and work. And you don't need to turn the eggs manually.) This simple and reliable egg incubator is the fun for the family and household that wants to start incubating chickens, ducks and geese. The easy design and functions allow kids to learn the basics of incubating eggs.</p> <p>2. Important of Safety 1) Only the power supply marked on the incubator can be used. 220-240V. 2) This incubator can be used indoor only. It can't be exposed to rain and sunshine. 3) The incubator shall be placed in room where is ventilated without vibratory equipment. It can't be placed in room with fast air movement or room with harmful and noxious chemicals and other pollutants. 4) Children must be accompanied by adults when using this incubator. 5) Do NOT put any objectives on, in or near the wire. The power cable of incubator shall be placed in a safe area where it won't be stepped on or cause trip and fall. 6) Ensure that the sockets and extension cords used are not overloaded. Otherwise, it may cause fire or electric shock. 7) If the incubator is smoking, or sending abnormal smell or unusual noise, please unplug the power cord and contact the agency or maintenance center. 8) Please don't touch the power cable with wet hand, or it may cause electric shock. 9) Please unplug the power cord before cleaning the incubator. 10) Do NOT block the air-bleed hole when the incubator is in work condition.</p>	<p>3. Installation</p> <p>3.1 Name of the parts</p>  <p>Part 1 LED display Part 2 Top shell Part 3 Bottom shell Part 4 Power cord</p>
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<p>Part 5 Bottom grid (hatching grid) The side which has 6 feet shall be facing down</p>  <p>Part 6 Top grid (Incubator grid) The side which has 2 slider bar shall be placed on the top</p>  <p>Part 7 Movable eggs tray</p>  <p>Part 8 Eggs tray division bars(4 quantity) Dividing the eggs according to the size of movable egg tray</p>  <p>3.2 Assemble and Operation Steps 1) Lay down the bottom shell (part 3) and put about 100ml water into. 2) Put the bottom grid(part 5) in the bottom shell. (please note that the side which has 6 feet shall be facing down). 3) Put the top grid (part 6) above bottom grid, please note that the side which has 2 slider bar shall be facing up!</p>	<p>4) Put the movable eggs tray(part 7) above the top grid.</p>  <p>5) Insert the division bars(part 8) in the movable eggs tray.</p>  <p>6) Put the hatching egg into movable egg tray for incubation, pay attention that after each egg is put into the bar, there should be 5mm clearance at least for convenient turning of hatching egg.</p>  <p>7) Fit the top shell(part 2) over the bottom shell, the pin must insert the shifting slot of movable egg tray, so that the egg tray can shift normally.</p>  <p>8) Plug the power cord and set the temperature according to different eggs needs. The temperature can be set at 38C from the first day of incubation to first day of hatching, and it can be set as 37.5-37.8C since the following day of hatching (you can see 4.1 and 4.2 to learn how to set and what temperature need to set).</p> 	<p>9) Incubation equipment inspection before incubation: check all of the parts completely and observe whether the fan rotation device works normally and whether all of the components are in good condition, then adjust the temperature and feed water to the tank. Make a 12-24 hours' trial again when the incubator reaches temperature and humidity requirement; if the incubator works normally, it can be put into running. 10) Check the water every two days to make sure it is sufficient. Maintaining 60ml to 100ml of water will have enough humidity. The amount of water that was added in the shell shall not be more than 100ml at one time.</p> <p>11) On 18 days(for chickens) of the period. Carefully remove the top grid/incubation grid and put the eggs on the bottom grid/hatching grid.</p>  <p>12) Waiting for hatching. After the eggs have hatched successfully, it is best to wait more 2-3 days before opening the incubator and remove the chickens.</p>	<p>4. Setting and Maintenance</p> <p>4.1 Incubation technology 1) Incubation temperature control Different poultry requires different temperatures. Incubation period of chicken is 21 days. It's 38.2C from 1st-6th day, 38C from 7th-14th day, 37.8C on 15th day, and 37.2-37.5C from 16th-21st day. 2) Humidity control: It requires different relative humidity in different period of incubation. The relative humidity shall keep within 55%-60% at the earlier stage of incubation to ensure even heating for embryos, which is good for formation of allantoic fluid and amniotic fluid; the relative humidity shall keep within 30%-35% at the middle stage of incubation, which is good for evaporation of water, the relative humidity at the last stage of incubation shall be increased to 65%-75%, as high relative humidity is good for poultry to hatch, when above 20% of poultry hatches, the relative humidity shall keep at 75%-85%. 3) Choose and store fresh egg within 5 days (7 days at most) as hatching egg as for the egg stored for more than 5 days, 4% less the incubation rate and 30 minutes prolonged incubation period for one more day storage. The proper temperature for hatching egg storage is 12C-16C. The smaller side shall be put upside during hatching egg storage. 4) Notes for off-tray period: The process to remove from egg tray to hatching tray is called off-tray, the chick embryo usually removes off the tray at an age of 18-19 days. It shall be placed gently during off-tray, it's best to lay to single layer. It also removes to hatching tray 3 days earlier than incubation period for other poultry.</p> <p>Table A</p> <table border="1"> <thead> <tr> <th rowspan="2">Poultry</th> <th rowspan="2">Number of days</th> <th colspan="2">Incubation period</th> <th colspan="2">Hatching period</th> <th rowspan="2">Hatching egg weight G</th> </tr> <tr> <th>Temperature: ± 0.5</th> <th>Humidity %</th> <th>Temperature: ± 0.5</th> <th>Humidity %</th> </tr> </thead> <tbody> <tr> <td>Chicken</td> <td>21</td> <td>38</td> <td>55-75</td> <td>18</td> <td>37.5</td> <td>65-85</td> <td>100-130</td> </tr> <tr> <td>Dove</td> <td>18</td> <td>38.5</td> <td>55-75</td> <td>15</td> <td>37.8</td> <td>65-85</td> <td>30-40</td> </tr> <tr> <td>Local chicken</td> <td>21</td> <td>37.9</td> <td>55-75</td> <td>18</td> <td>37.5</td> <td>65-85</td> <td>45-65</td> </tr> </tbody> </table>	Poultry	Number of days	Incubation period		Hatching period		Hatching egg weight G	Temperature: ± 0.5	Humidity %	Temperature: ± 0.5	Humidity %	Chicken	21	38	55-75	18	37.5	65-85	100-130	Dove	18	38.5	55-75	15	37.8	65-85	30-40	Local chicken	21	37.9	55-75	18	37.5	65-85	45-65
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<p>4.2 Setting</p> <p>4.2.1 Indicating lamp state instruction: WORK lamp on the left side of display screen is made as work indicating lamp. LED normally on means it's in heating state. SET lamp on the left side of display screen is used for indicating lamp set. LED normally on means it's in setting state.</p> <p>4.2.2 Setting temperature: Press SET once to enter temperature control set, press <<> or <> to adjust temperature you wanted, press SET again to exit the temperature you set from setting state.</p> <p>4.2.3 Setting other parameter: press SET for 3 seconds to enter system menu set, press <<> or <> to select menu in need of adjustment, then press SET again to enter relative parameter setting state, press <<> or <> to adjust parameter in need of modification, press RST to exit after adjustment, or the system will exit after 5s delay.</p> <p>4.2.4 Function instruction: 1) H.U.H.D. Parameter HU and HD is set by factory, the user unless the professional is not allowed to adjust it. 2) Upper and lower limit function: HS and LS set limits setting range of temperature control, e.g. if HS is set as 39.5 and LS is set as 30, then the temperature can only be set from 30 to 39.5, so the display value still keeps as 30 after pressing "-", the display value still keeps as 39.5 after pressing "+". If setting value is beyond the setting range, then HS and LS must be changed at first. 3) Upper and lower limit set: Press "SET" for 3s to enter menu display, press <<> or <> until code "HS" or "LS" appears on screen, Press "SET" to display upper or lower limit setting value, then press <<> or <> to adjust the parameter. HS means upper limit and LS means lower limit. 4) Temperature correction set: When measuring temperature deviates from reference temperature. For example, the measuring temperature this incubator is 36, but the reference temperature of is 32, then the temperature correction <CA> function shall be used to make the measuring value in accordance with reference temperature. Please note that there is no necessary to adjust the temperature when the reading is two or three degree varies from your household thermometers. The industrial thermometers inside the incubator is different with the household thermometer.</p>	<p>Temperature correction set: Press "SET" for 3s to enter menu display, press <<> or <> until code "CA" appears on screen, then press "SET" to display temperature correction setting value, press <<> or <> again to adjust parameter.</p> <p>Table B</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> <th>Setting range</th> <th>Factory set</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>HU</td> <td>Heating power parameter</td> <td>1-90</td> <td>no adjust needed.</td> <td>-</td> </tr> <tr> <td>HD</td> <td>Heat preservation power parameter</td> <td>1-40</td> <td>no adjust needed.</td> <td>-</td> </tr> <tr> <td>LS</td> <td>Lower limit set</td> <td>9.9-HS</td> <td>-</td> <td>°C</td> </tr> <tr> <td>HS</td> <td>Upper limit set</td> <td>LS-99.9</td> <td>-</td> <td>°C</td> </tr> <tr> <td>CA</td> <td>Temperature correction</td> <td>-5~+5</td> <td>-</td> <td>°C</td> </tr> <tr> <td>AH</td> <td>Factory set, not adjustable</td> <td>0-15</td> <td>no adjust needed.</td> <td>°C</td> </tr> <tr> <td>AL</td> <td>Factory set, not adjustable</td> <td>0-15</td> <td>no adjust needed.</td> <td>°C</td> </tr> </tbody> </table> <p>5. FAQ</p> <p>FAQ for the Air system: Q: Is this a forced-air or still-air incubator? A: It's forced air incubator. It has a little fan in it that circulates the air</p> <p>FAQ for the Auto turner: Q: How do I know if its turning my eggs?</p>	Code	Description	Setting range	Factory set	Unit	HU	Heating power parameter	1-90	no adjust needed.	-	HD	Heat preservation power parameter	1-40	no adjust needed.	-	LS	Lower limit set	9.9-HS	-	°C	HS	Upper limit set	LS-99.9	-	°C	CA	Temperature correction	-5~+5	-	°C	AH	Factory set, not adjustable	0-15	no adjust needed.	°C	AL	Factory set, not adjustable	0-15	no adjust needed.	°C	<p>A: You can test by marking the egg with a pencil and periodically checking to see if the marked side has moved. It's a slow process.</p> <p>Q: Is it possible to turn off the automatic turner? A: You can't turn off the automatic turner but you can position the tray so that the eggs don't get turned/rotated. But keep in mind eggs have to be turned until they are very close to hatching.</p> <p>FAQ for the humidity: Q: Does it show the humidity reading? And how to keep the humidity? A: There is no humidity setting on this incubator. You could add your own hygrometer inside if needed, and manually adjust the humidity and add or remove water as needed. It stays pretty consistent. You could give it a passing look each day to check the temp and put in water if needed to keep the humidity around 55%. That will vary by location and weather.</p> <p>FAQ for the temperature: Q: How do I adjust the off set temperature? A: Hold temp button once till flashing capital letters then "+" till you hit CA then you can step +/- to calibrate.</p> <p>Q: The incubator is not holding a consistent temp. How to do that? A: 1. The factory temperature setting is about 38 degree Celsius (the 38 degree is suggested for the chicken eggs. If any other kinds of eggs, you need to adjust by the suggested temp.) 2. For the "inaccurate" reading of the temp. After some time, the sensors of other thermometer might start to give false reading by a degree or two which can affect hatch rates if not caught. This isn't exclusively a MagiCfly issue. It also happened to other incubator and other thermometer. We suggest you could use more than one thermometer/humidity sensors to work with if needed.</p> <p>3. Recommended setting for difference eggs Note: The temperature of house-used</p>	<p>thermometer may vary from our egg incubator, when the ambient temperature is less than 25°C (77°F), it is better to take measures for heat preservation. It's good for temperature uniformity when the device is enclosed with clothes or other warms, and it also helps energy-saving and reduces heat dissipation.</p> <p>FAQ for the Eggs: Q: The eggs are not hatching. A: 1. Please make sure all eggs must be fertilized eggs. 2. We suggest you buy a MagiCfly egg candler to observe the development of the different egg stages. Q: Can I put different types of eggs be incubated together? A: It is best do not put different types in. Different types of eggs have different temperature and humidity to hatch.</p> <p>FAQ for the Hatch rates: Q: how's the hatching rate of the eggs? A: Normally we would say the hatch rate is between 40%-90%. If it is too low or it is 0%, troubleshoots are needed for the incubator. (many reasons might lead to the problem) We suggest you check for the setting of the incubator and check for the surrounding circumstances. If the problem can't be solve out, please contact MagiCfly customer service.</p>
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<p>6. Cleaning</p> <ol style="list-style-type: none"> Make sure that unplug the power cord and remove the chicks first before cleaning. It is best to clean after each round of hatching, because there might remain some bacteria or other contaminants. Cleaning method: Use soft cloth or brush to remove debris from the shell. Do not use chemicals because the residue will stay and contaminate the next eggs. <p>7. After-sales Service We provide 100% Satisfaction and one year warranty. All purchase are covered Replacement(parts) or Money Back Guarantee(Depends on the severity of the product problem). In the condition of Improper use, abuse, change of the product, accident by users or other unacceptable reasons, we can't take responsibility for the product. If any order-related issues happened, please feel free to contact MagiCfly customer service: service@MAGICFLY.COM and if possible, you can tell us your order ID, detail problems and it is better that send us pictures and videos of the product problems for that, we can provide more detail suggestions.</p> <p>Others: 1) In case of dispute relating to the warranty, the maintenance service and / or any information contained herein, MagiCfly's decision shall be final. The final interpretation of this product and the user manual belongs to our company. The terms and conditions contained herein are for general reference only and are subjected to change without notice. 2) The warranty begins on the date of purchase shown on the order ID.</p>
