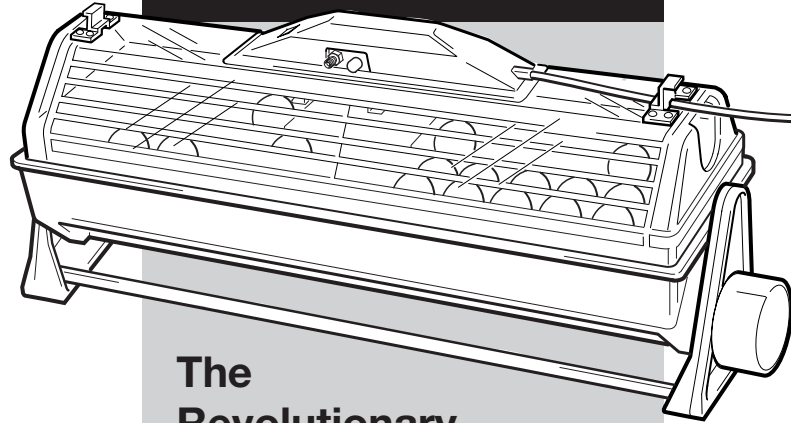


Octagon 40 Digital

The simple, safe way to hatch eggs



The **Octagon 40 DX** builds on the success of the smaller best selling Octagon 20 and provides the control and reliability to ensure top hatch rates, time after time.

The Octagon 40 Digital, introduced in 2000, has set the standard for a middle size, forced draught incubators and has been enthusiastically received by breeders of a wide range of species. Its combination of advanced electronic temperature control, Omnitherm™ heating and thermally efficient cabinet provide unparalleled temperature stability at an unbeatable price.

The Digital has now evolved into the Octagon 40 DX, providing at-a-glance confirmation of temperature from a purpose built, highly accurate digital thermometer. The new DX model also features a clearer, tougher top for better visibility and improved proportional electronic temperature control. The Octagon 40 DX now sports redesigned egg dividers to improve airflow around the eggs and increase hatch rates as well as a strengthened clutch mechanism on the automatic turning to extend the incubator life still further.

The Octagon 40 is supplied complete with Autoturn Cradle as standard. Like all Brinsea incubators the Octagon 40 DX is fully adjustable for all sizes of egg from finches to geese and offer the flexibility of optional temperature alarm, wet bulb thermometer (for measuring humidity) or fully automatic humidity management with the H22 module.

Temperature Control

Precise and consistent control of temperature is essential for good hatching results. Brinsea's Omnitherm™ all round heating technology is a system of printed heater bars covering much of the clear top without significantly interfering with visibility.

The benefit of Omnitherm™ technology is that heat losses are offset where they arise, balancing the radiant loss from the eggs normally lost through clear covers. Tests demonstrate that eggs enclosed by conventional clear surfaces lose more heat even at the correct, controlled air temperature.

The Revolutionary Incubator Concept

- Equivalent capacity of 48 hens eggs
- Advanced design for maximum hatch rates and reliability
- Omnitherm™ all round heating
- Proportional temperature control
- Double skin clear top for good visibility and minimal heat loss
- Silent computer type fan(s)
- Produced to ISO9002 international quality assurance standard
- Continuous, accurate, external digital display of temperature
- Full automatic egg turning
- Simple user control of temperature and ventilation
- Made from tough moulded plastic for easy cleaning
- Fully compatible with Wet Bulb Thermometer and Fully Automatic Humidity Management Module
- Electrically safe – manufactured to BS3456 & EN60-335 standards

Brinsea

INCUBATORS

Octagon 40 Digital

Omnitherm™ heaters are exceptionally responsive to control because of the low thermal inertia and very low temperature rise. This ensures very good temperature stability. The clear top is double glazed, further improving temperature stability and operational efficiency.

Adjustment to temperature can be made with a small screwdriver from outside the incubator. An indicator lamp shows the status of the control - whether the unit is warming up, stable or cooling. The electronic proportional thermostat is well protected against surges or 'spikes' in the mains supply – the most common cause of failure in other incubators.

Egg Handling

Egg turning is effected by rotating the whole cabinet through 90°. This can be done manually by turning the incubator on its own three position base, or fully automatically when mounted in the self-turning cradle. The incubator lifts easily in and out of the cradle – so it can stand horizontally for hatching.

Goose or other large eggs are set lying down, small eggs can be set either horizontally or vertically. The egg dividers are adjustable in $\frac{1}{16}$ " (5mm) steps. There are no internal moving parts associated with the egg turning – so nothing to trap or injure emerging chicks if you forget to stop the turning.

Humidity and Ventilation

Very high quality fans and motor assemblies provide even air flow throughout the incubator and the level of fresh air drawn into the enclosure is controlled by a slider.

Humidity is provided by water compartments moulded into the incubator base. The humidity level is controlled by the presence of water in different numbers of compartments and by the ventilation slider setting. Humidity can be checked directly with the purpose built wet bulb thermometer (optional) or Brinsea's fully automatic electronic Humidity Management Module (optional). Contact Brinsea Products for more details.

Guarantee

All Brinsea incubators are fully guaranteed and will be repaired or replaced if a fault should arise within the guarantee period (See terms of guarantee).

Brinsea Products and their agents will not be responsible for loss of eggs in the event of failure, however caused, and the user is advised to arrange his own insurance cover where loss of power, mechanical or electrical failure might result in unacceptable losses. It is recommended that this product is used in conjunction with an independent temperature alarm system if eggs of significant value are to be incubated.

In order that we can continue our policy of innovation and improvement, we reserve the right to alter specification details without notice.

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Specifications:

Egg Capacity:

Quail	120
Pheasant	80
Hen	48
Duck	40
Goose	18/24

Weight:

Incubator	7.7lb
Cradle	3.3lb

Power Consumption:

(max)	75 W
(typical average)	38 W

Dimensions:

40 Incubator only	24.4" x 9.3" x 9.6" high
40 with cradle	28" x 9.3" x 11" high

Electrical supply:

115v, 60Hz or 230v, 50Hz as ordered.