



Maggy Incubator Company Inc. is a leader manufacturer of poultry incubators and hatchers and in the development of small and large poultry incubation systems. With our customer base and with our dedication to serving them, Maggy Incubator has earned a reputation for building relationships with its customers that goes beyond the sale of incubation systems. We understand the importance of producing high-quality chicks, and we work with each of our customers to ensure that they are successful.

We offer incubators (from small to large) that can hatch almost any type of bird. This includes large commercial systems for chickens, ducks, turkeys, quails and ostrich. Our range of systems includes multistage and single stage, all utilizing the latest control systems and other advanced features for today's and tomorrow's modern hatchery. We also understand that incubation equipment lasts for a long time, and our systems are designed to allow you to upgrade them to take advantage of newer technologies as they become available. We offer our customers the ability to continually modernize their systems to take advantage of the latest innovations that improve performance at lower operating costs.

Maggy's Single & Multi Stage(s) Incubators and Hatchers series are revolutionary in design and technology. This line of equipment is tailored to meet the incubation requirements. They have a clean, sleek design with no wires, piping or obstacles to get in your way. This makes cleanup a lot easier and gives you the added benefit of better bio-security. The control console houses all electronics and plumbing allowing easy maintenance and servicing. The user interfaces with the machine by using the new designed control panel made it easy to operate.

In addition, Maggy Incubator Company Inc. with its great manufacturing experience can design and build custom types and sizes of commercial setting systems: multi-stage rack, multi-stage roll in and single-stage. Maggy Incubator Company Inc. builds incubators and hatchers to the highest standards that produce the highest production rate.

Fully Automatic Setters

The new look that incorporates new technology, increased safety and easier use. All Models have:

- Digital Dry Bulb Readout
- A Moving-Air Setter with Positive Air-flow
- Automatic Egg Turning
- Manual turning over-ride
- Dial-up %RH Automatic Relative Humidity
- High stability Humidity Sensor Module
- Self-priming Humidity Tank.
- Continuous Metering the Cabinet's %RH
- Air Vents
- Temperature accurately adjusted to 37.4°C
- High Temp Cut-Out
- Microprocessor Thermostat
- Sealed fiberglass panels that are strong and stain resistant
- Adjustable Egg turning angles
- Easy use and labeled control panel
- New variable speed fans
- Rubber seals at the front door
- Easy to clean cabinet
- Simple design
- Clean roof
- Alarm system
- Interior light
- Optional dehumidifier to remove excess moisture
- Optional control panel with remote control
- Optional High/Low Temperature Alarm
- Optional Mechanical Turning Counter

SPECIFICATIONS

Construction:

The moving-air Setter/Incubator and Hatcher are manufactured from high quality sealed insulated fiberglass panels that are strong and stain resistant for hygiene, for ease of cleaning, and an attractive finish. The electronic control system is housed at eye level on top or to the side of the cabinet for easy control of all the systems fitted to the machine. An internal light is fitted for easy check up while operating and when door opens. Also, light can be fitted through the porthole in the lid to allow egg inspection. Cabinet sizes are available with a request for quotation.

Egg Turning:

The eggs are firmly held vertically in plastic trays which fit into the setter's metal turning trolley/cradle in the centre of the setter, which rotates through 90° and back as many times as programmed by pre-setting the time switch. A manual

over-ride is also fitted to allow the re-positioning of the egg trays for inspection, loading and unloading. Optional, the turning is monitored by an electronic counter fitted to the control panel.

Heating and Air-flow

Air enters the cabinet through the vents in the sides and top of the cabinet, and is pulled down through the egg trays by a fan or more in the inner case. The air heats when it passes over the heating element, then travels equally in the inner case, being monitored on the way by the heat control sensor. This unique air-flow system has been developed, and used most successfully for the past 34 years with a proven record in giving a good temperature control across all the egg trays, and not just those trays in the direct air-flow. Air Vents are fitted to introduce fresh air inside the cabinet and controlled to open and close as needed.

Electronic Temperature Control

The temperature is controlled electronically using the latest proportional microprocessor regulation to within $\pm 0.2^{\circ}\text{C}$ of its setting; once the operating temperature has been reached. The temperature is monitored by a Digital readout calibrated and reading in $^{\circ}\text{C}$ mounted in the control panel for easy reference. Optional a separate safety overheat cutout circuit can be fitted with visual and audible alarms, which are integrated into the main system. The adjustable fan speed is an added innovative feature. The variable speed fans are adjustable (increased/decreased) depending upon the requirement during the incubation cycle. An analogue temperature control system is available for smaller units.

Dial-up % RH Humidity Control:

The humidity can be set at any level required and held automatically providing it is more than the ambient level surrounding the setter. The Dial-up Humidity control System allows the operator to select the level of humidity required by using a %RH dial on the control panel or inside the cabinet. Once additional humidity is requested, the humidity system draws water out of the water tank under the fan in the bottom of the cabinet. Once the required humidity level is reached, the water flow is automatically restricted to maintain the humidity level as requested. The Humidity system can be removed for easy cleaning outside the cabinet. The whole Humidity System is calibrated at the works during testing. Optional, the dial-up humidity control can be replaced with a microprocessor digital system. Also, an optional dehumidifier is available for the incubator to maintain constant humidity all the time.

Power

Maggy Incubators and hatchers are built to suit different electrical requirements such as 110/208/220/230 volts, single or three phases, and/or 50/60 Hz.

Machine Testing

Maggy Incubator test all the systems associated with each setter manufactured for at least 3 days prior to dispatch, this ensures a customer does not have to

pay additional amounts for an installation engineer to carry out assembly and testing on site.

Warranty

All Maggy Incubator Company Inc. products are fully warranted for 12 months from the date of purchase. Should any fault arise consult your local distributor or Maggy Incubator Company Inc. Consequential damage is specifically excluded. We are continually striving to improve our products, and in doing so we reserve the right to alter materials or specifications without notice. Our Standard conditions of Sale are available on request.

Incubator and Hatcher Capacities:

For: Chicken/Ducks/Turkey/Quail

I Model	Incubator Capacity			H Model	Hatcher Capacity			M Model (I+H)	Total Capacity		
	Chicken	Ducks & Turkey	Quail		Chicken	Ducks & Turkey	Quail		Chicken	Ducks & Turkey	Quail
I005	456	360	1056	H002	152	120	352	M006	608	480	1408
I009	912	720	2112	H003	304	240	704	M012	1216	960	2816
I018	1824	1440	4224	H006	608	480	1408	M024	2432	1920	5632
I024	2432	1920	5632	H012	1216	960	2816	M036	3648	2880	8448
I048	4864	3840	11264	H012	1216	960	2816	M060	6080	4800	14080
I073	7296	5760	16896	H024	2432	1920	5632	M097	9728	7680	22528
I073	7296	5760	16896	H024	2432	1920	5632	M097	9728	7680	22528
I146	14592	11520	33792	H048	4864	3840	11264	M195	19456	15360	45056
I182	18240	14400	42240	H060	6080	4800	14080	M243	24320	19200	56320
I219	21888	17280	50688	H073	7296	5760	16896	M292	29184	23040	67584
I292	29184	23040	67584	H097	9728	7680	22528	M390	38912	30720	90112
I364	36480	28800	84480	H122	12160	9600	28160	M486	48640	38400	112640
I547	54720	43200	126720	H182	18240	14400	42240	M729	72960	57600	168960

For: Ostrich

OI Model	Incubator Capacity	OH Model	Hatcher Capacity	O Model (OI+OH)	Total Capacity
OI072	72	OH024	24	O096	96
OI096	96	OH024	24	O120	120
OI180	180	OH036	36	O216	216
OI432	432	OH096	96	O528	528
OI504	504	OH120	120	O624	624

- Custom types of commercial setting systems are available upon request.
- Sizes and capacities can change without notice.

Incubator and Hatcher Sizes:

For: Chicken/Ducks/Turkey/Quail

I Model	Incubator Capacity			H Model	Hatcher Capacity			M Model (I + H)	Total Capacity		
	Width	Length	Height		Width	Length	Height		Width	Length	Height
I005	-	-	-	H002	-	-	-	M006	2'10"	4'3"	3'9"
I009	-	-	-	H003	-	-	-	M012	2'10"	4'3"	4'7"
I018	-	-	-	H006	-	-	-	M024	4'	4'3"	4'7"
I024	-	-	-	H012	-	-	-	M036	4'	4'3"	5'3"
I048	-	-	-	H012	-	-	-	M060	5'2"	4'3"	6'3"
I073	-	-	-	H024	-	-	-	M097	6'3"	4'9"	6'7"
I146	5'7"	10'6"	5'6"	H048	5'7"	6'11"	4'2"	M195	-	-	-
I182	5'7"	10'6"	6'7"	H060	5'7"	6'11"	4'10"	M243	-	-	-
I219	7'8"	10'6"	5'6"	H073	5'7"	6'11"	5'6"	M292	-	-	-
I292	9'10"	10'6"	5'6"	H097	5'7"	6'11"	7'	M390	-	-	-
I364	9'10"	10'6"	6'7"	H122	5'7"	10'6"	4'10"	M486	-	-	-
I547	14'2"	10'6"	6'7"	H182	5'7"	10'6"	6'7"	M729	-	-	-

Contact Us

Maggy Incubator Company Inc.

Wael Abdelmalek, P. Eng.

Business Manager

3 Crowe Street,

Guelph, Ontario N1G 4H6 Canada

Tel: (519) 241-8042

Fax: (519) 827-1452

Email: wael.abdelmalek@maggygroup.com