

# Product Specification Sheet - P20

## Jamesway Platinum 2.0 Single-Stage Hatcher

The Jamesway P20 is part of the Platinum 2.0 family of single-stage egg hatchers for chicken, turkey, duck or goose. Easy to use, easy to install and easy to maintain, the Platinum 2.0 is designed to give you the best hatch rates and return on your investment. With state of the art controls, energy efficiency and technical support from industry leaders the machines deliver on every front.

### Features and Benefits

- Our system is based around an industry exclusive 4 fan, removable Environmental Control Unit. Its central placement and fan design ensure balanced air and temperature distribution throughout the incubator, maximizing production yields. The variable speed, low horsepower fans also make our Platinum 2.0 hatchers the most energy efficient in the industry and feature VFD technology for precise control.
- The Platinum 2.0 is a completely enclosed machine with no fan motor openings in the roof which, when combined with our superior sealing capability assures an air tight enclosure for precise CO<sub>2</sub> and temperature control.
- Quick connects allow the ECU to be entirely removed so the P20 hatcher can be thoroughly and quickly cleaned maintaining bio-security and reducing total production labor costs.
- The easy to use, high resolution touch screen interface works with straightforward profile based hatcher programming allowing incredibly precise control of the internal environment.
- A 24 VDC control platform enhances the serviceability and reliability of all Jamesway incubators and hatchers.
- The P20 has a maximum capacity of **21,504** chicken eggs per hatch.



**JAMESWAY**

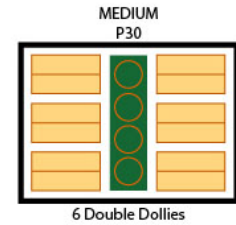
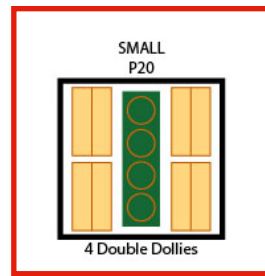
The Incubator Company



# Technical Specifications

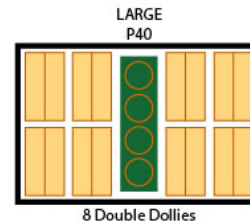
## Egg Capacity

Chickens	21,504 eggs, in 4 dollies 16 tier
	20,160 eggs, in 4 dollies, 15 tier
Turkey/Duck/Goose	12,480 eggs, in 4 dollies, 13 tier



## Dimensions

Width	116" (2946 mm)
Depth	112" (2845 mm)
Height	98" (2489 mm)
Height to intake duct	122"(3099 mm)



## Room Conditions

Temperature Range: 72°F (22°C) to 78°F (26°C)	Room pressure to outside: .005 - .015 in w.g. (1.2 - 3.7 Pa)
Relative humidity: 40-50%	Exhaust pressure to room: -.015 to -.02 in w.g. (-3.7 to -5 Pa)
Fresh air/incubator: 25-190 CFM (40-323 m³/hr.)	

## Electrical Requirements

<b>Water Heat</b>
200/240 V (1/3 Phase), 380 V (3 Phase), 480 V (3 Phase), 50/60 Hz
Average Demand: 1.52 kW, Peak Demand: 1.52 kW
<b>Electric Heat</b>
220 V (3 Phase), 380 V (3 Phase), 480 V (3 Phase), 50/60 Hz
Average Demand: 1.69 kW, Peak Demand: 7.52 kW

## Water Requirements

<b>Cooling Water Requirements</b>
3 US Gal/Min (11.4L/min), 30-40 psi (207-275 kPa) at the ECU, 55°F (14°C)
<b>Heating Water Requirements</b>
3 US Gal/Min (11.4 L/min), 30-40 psi (207-275 kPa) at the ECU, 150°F (65°C)
<b>Humidification (Optional)</b>
3 USGPH (11.36 L/hr.), 60-100 PSI (415-690 kPa)

## Available Options and Accessories

- Front or top air intake
- Cabinet with/without door windows
- 13, 15 or 16 tier dollies
- Hatchsense Monitor/Booster
- Multiple egg basket sizes
- Hatchcom 4 control and monitoring system
- Hatchery disinfectant system
- High temperature back-up alarm

## Controls

- Panel mount 12" high resolution touch screen HMI
- Easy to use profile based incubator programming
- 24 VDC control platform
- CO<sub>2</sub>, humidity, temperature and damper control
- Updates to connected incubators via Global function

For any questions about pricing or quoting, please contact Jamesway Inside-Sales.

**JAMESWAY Incubator Company Inc**

30 High Ridge Court - Cambridge - Ontario - Canada N1R 7L3  
Tel 519 624 4646 - Fax 519 624 5803 - service@jamesway.com  
www.jamesway.com

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