

Specifications for Platinum 2.0 P120 Incubators

Platinum Single Stage Setter (P-120)

Humidification Water- 60-100 PSI (415 - 690 kPa) at the point of use in the incubators for spray nozzles (Humidity), 2.3 USGPH (8.7 L/hr) per incubator.

Electrical (Water heat) – 208 V, 3 phase, 50/60 Hz – 24 A breaker, 15 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 12 A circuit breaker, 7 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 12 A circuit breaker, 5.6 A L1/L2/L3 current

Electrical (Electric heat) – 208 V, 3 phase, 50/60 Hz – 48 A breaker, 46 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 32 A circuit breaker, 25 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 24 A circuit breaker, 20 A L1/L2/L3 current

Compressed Air - 1.60-2.40 SCFM (2.7-4.08 Nm³/hr) per incubator is consumed once per hour for turning, 90 psi (620 kPa) is the maximum pressure, do not exceed.
With humidification, a total of 4.6-5.4 SCFM will be required total, throughout the hour.

Cooling Water - 10 USGPM (37.9 L/min), 30-40 PSI (207-275 kPa) pressure at point of use in the ECU, optimum temperature at ECU 55°F (14°C)

Hot Water - 10 USGPM (37.9 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, 140°F (60°C)

General Ventilation conditions:

Min. Temp	72°F (22°C)
Max Temp	78°F (26°C)
Optimum Temp	75°F (24°C)
Relative Humidity	45%
Fresh Air Supply per Incubator	0-500 CFM (0-850 m ³ /hr)
Room Pressure Differential to outside	0.010-0.020 in w.g. (2.5 - 5.0 Pa)
Exhaust plenum Differential to room	- 0.030 to – 0.040 in w.g. (-7.5 to -10 Pa)

Specifications for Platinum 2.0 P80 Incubators

Platinum Single Stage Setter (P-80)

Humidification Water- 60-100 PSI (415 - 690 kPa) at the point of use in the incubators for spray nozzles (Humidity), 2.3 USGPH (8.7 L/hr) per incubator.

Electrical (Water heat) – 208 V, 3 phase, 50/60 Hz – 24 A breaker, 15 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 12 A circuit breaker, 7 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 12 A circuit breaker, 5.6 A L1/L2/L3 current

Electrical (Electric heat) – 208 V, 3 phase, 50/60 Hz – 48 A breaker, 46 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 32 A circuit breaker, 25 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 24 A circuit breaker, 20 A L1/L2/L3 current

Compressed Air – 1.2-1.6 SCFM (2.04-2.72 Nm³/hr) per incubator is consumed once per hour for turning, 90 psi (620 kPa) is the maximum pressure, do not exceed.
With humidification, a total of 4.2-4.6 SCFM will be required total, throughout the hour.

Cooling Water - 8 USGPM (30.3 L/min), 30-40 PSI (207-275 kPa) pressure at point of use in the ECU, optimum temperature at ECU 55°F (14°C)

Hot Water - 8 USGPM (30.3 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, 140°F (60°C)

General Ventilation conditions:

Min. Temp	72°F (22°C)
Max Temp	78°F (26°C)
Optimum Temp	75°F (24°C)
Relative Humidity	45%
Fresh Air Supply per Incubator	0-350 CFM (0-595 m ³ /hr)
Room Pressure Differential to outside	0.010-0.020 in w.g. (2.5 - 5.0 Pa)
Exhaust plenum Differential to room	- 0.025 to – 0.035 in w.g. (-6.2 to -8.7 Pa)

Specifications for Platinum 2.0 P60 Incubators

Platinum Single Stage Setter (P-60)

Humidification Water- 60-100 PSI (415 - 690 kPa) at the point of use in the incubators for spray nozzles (Humidity), 1.15 USGPH (4.35 L/hr) per incubator.

Electrical (Water heat) – 208 V, 3 phase, 50/60 Hz – 12 A breaker, 7.5 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 3.3 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 2.9 A L1/L2/L3 current

Electrical (Electric heat) – 208 V, 3 phase, 50/60 Hz – 32 A breaker, 24 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 12.5 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 11 A L1/L2/L3 current

Compressed Air – 0.8-1.2 SCFM (1.36-2.04 Nm³/hr) per incubator is consumed once per hour for turning, 90 psi (620 kPa) is the maximum pressure, do not exceed.
With humidification, a total of 2.3-2.7 SCFM will be required total, throughout the hour.

Cooling Water - 4 USGPM (15.1 L/min), 30-40 PSI (207-275 kPa) pressure at point of use in the ECU, optimum temperature at ECU 55°F (14°C)

Hot Water – 4 USGPM (15.1 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, 140°F (60°C)

General Ventilation conditions:

Min. Temp	72°F (22°C)
Max Temp	78°F (26°C)
Optimum Temp	75°F (24°C)
Relative Humidity	45%
Fresh Air Supply per Incubator	0-240 CFM (0-408 m ³ /hr)
Room Pressure Differential to outside	0.005-0.015 in w.g. (1.2-3.7 Pa)
Exhaust plenum Differential to room	- 0.020 to – 0.030 in w.g. (-5.0 to -7.5 Pa)

Specifications for Platinum 2.0 P40 Incubators

Platinum Single Stage Setter (P-40)

Humidification Water- 60-100 PSI (415 - 690 kPa) at the point of use in the incubators for spray nozzles (Humidity), 1.15 USGPH (4.35 L/hr) per incubator.

Electrical (Water heat) – 208 V, 3 phase, 50/60 Hz – 12 A breaker, 7.5 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 3.3 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 2.9 A L1/L2/L3 current

Electrical (Electric heat) – 208 V, 3 phase, 50/60 Hz – 32 A breaker, 24 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 12.5 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 11 A L1/L2/L3 current

Compressed Air – 0.6-0.8 SCFM (1.02-1.36 Nm³/hr) per incubator is consumed once per hour for turning, 90 psi (620 kPa) is the maximum pressure, do not exceed.
With humidification, a total of 2.1-2.3 SCFM will be required total, throughout the hour.

Cooling Water - 3 USGPM (11.4 L/min), 30-40 PSI (207-275 kPa) pressure at point of use in the ECU, optimum temperature at ECU 55°F (14°C)

Hot Water – 3 USGPM (11.4 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, 140°F (60°C)

General Ventilation conditions:

Min. Temp	72°F (22°C)
Max Temp	78°F (26°C)
Optimum Temp	75°F (24°C)
Relative Humidity	45%
Fresh Air Supply per Incubator	0-160 CFM (0-272 m ³ /hr)
Room Pressure Differential to outside	0.005-0.015 in w.g. (1.2-3.7 Pa)
Exhaust plenum Differential to room	- 0.020 to – 0.030 in w.g. (-5.0 to -7.5 Pa)

Specifications for Platinum 2.0 P20 Incubators

Platinum Single Stage Setter (P-20)

Humidification Water- 60-100 PSI (415 - 690 kPa) at the point of use in the incubators for spray nozzles (Humidity), 1.15 USGPH (4.35 L/hr) per incubator.

Electrical (Water heat) – 208 V, 3 phase, 50/60 Hz – 12 A breaker, 7.5 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 3.3 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 2.9 A L1/L2/L3 current

Electrical (Electric heat) – 208 V, 3 phase, 50/60 Hz – 32 A breaker, 24 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 12.5 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 11 A L1/L2/L3 current

Compressed Air – 0.3-0.4 SCFM (0.51-0.68 Nm³/hr) per incubator is consumed once per hour for turning, 90 psi (620 kPa) is the maximum pressure, do not exceed.
With humidification, a total of 1.8-1.9 SCFM will be required total, throughout the hour.

Cooling Water - 3 USGPM (11.4 L/min), 30-40 PSI (207-275 kPa) pressure at point of use in the ECU, optimum temperature at ECU 55°F (14°C)

Hot Water – 3 USGPM (11.4 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, 140°F (60°C)

General Ventilation conditions:

Min. Temp	72°F (22°C)
Max Temp	78°F (26°C)
Optimum Temp	75°F (24°C)
Relative Humidity	45%
Fresh Air Supply per Incubator	0-80 CFM (0-136 m ³ /hr)
Room Pressure Differential to outside	0.005-0.015 in w.g. (1.2-3.7 Pa)
Exhaust plenum Differential to room	- 0.015 to – 0.020 in w.g. (-3.7 to -5.0 Pa)

Specifications for Platinum 2.0 P40 Hatchers

Platinum P-40 Hatchers

Humidification Water - 60-100 PSI (415 - 690 kPa) at the point of use in the hatchers for spray nozzles (Humidity), 3.0 USGPH (11.36 L/hr) per hatcher

Electrical (Water heat) – 208 V, 3 phase, 50/60 Hz – 12 A breaker, 7.5 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 3.3 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 2.9 A L1/L2/L3 current

Electrical (Electric heat) – 208 V, 3 phase, 50/60 Hz – 32 A breaker, 24 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 12.5 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 11 A L1/L2/L3 current

Compressed Air - For humidification, a total of 1.5 SCFM will be required total, throughout the hour.

Cooling Water - 4 USGPM (15.1 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, optimum temperature at ECU 55°F (14°C)

Hot Water - 4 USGPM (15.1 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, 140°F (60°C)

General Ventilation conditions:

Min. Temp	72°F (22°C)
Max Temp	78°F (26°C)
Optimum Temp	75°F (24°C)
Relative Humidity	45%
Fresh Air Supply per Incubator	75-400 CFM (127-680 m ³ /hr)
Room Pressure Differential to outside	0.010-0.020 in w.g. (2.5 - 5.0 Pa)
Exhaust plenum Differential to room	- 0.030 to – 0.040 in w.g. (-7.5 to -10 Pa)

Specifications for Platinum 2.0 P30 Hatchers

Platinum P-30 Hatchers

Humidification Water - 60-100 PSI (415 - 690 kPa) at the point of use in the hatchers for spray nozzles (Humidity), 3.0 USGPH (11.36 L/hr) per hatcher

Electrical (Water heat) – 208 V, 3 phase, 50/60 Hz – 12 A breaker, 7.5 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 3.3 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 2.9 A L1/L2/L3 current

Electrical (Electric heat) – 208 V, 3 phase, 50/60 Hz – 32 A breaker, 24 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 12.5 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 11 A L1/L2/L3 current

Compressed Air - For humidification, a total of 1.5 SCFM will be required total, throughout the hour.

Cooling Water - 3 USGPM (11.4 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, optimum temperature at ECU 55°F (14°C)

Hot Water - 3 USGPM (11.4 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, 140°F (60°C)

General Ventilation conditions:

Min. Temp	72°F (22°C)
Max Temp	78°F (26°C)
Optimum Temp	75°F (24°C)
Relative Humidity	45%
Fresh Air Supply per Incubator	50-290 CFM (85-493 m ³ /hr)
Room Pressure Differential to outside	0.005-0.015 in w.g. (1.2-3.7 Pa)
Exhaust plenum Differential to room	- 0.020 to – 0.030 in w.g. (-5.0 to -7.5 Pa)

Specifications for Platinum 2.0 P20 Hatchers

Platinum P-20 Hatchers

Humidification Water - 60-100 PSI (415 - 690 kPa) at the point of use in the hatchers for spray nozzles (Humidity), 3.0 USGPH (11.36 L/hr) per hatcher

Electrical (Water heat) – 208 V, 3 phase, 50/60 Hz – 12 A breaker, 7.5 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 3.3 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 8 A circuit breaker, 2.9 A L1/L2/L3 current

Electrical (Electric heat) – 208 V, 3 phase, 50/60 Hz – 32 A breaker, 24 A L1/L2/L3 current
380 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 12.5 A L1/L2/L3 current
460 V, 3 phase, 50/60 Hz – 16 A circuit breaker, 11 A L1/L2/L3 current

Compressed Air - For humidification, a total of 1.5 SCFM will be required total, throughout the hour.

Cooling Water - 3 USGPM (11.4 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, optimum temperature at ECU 55°F (14°C)

Hot Water - 3 USGPM (11.4 L/min), 30-40 PSI (207-275 kPa) pressure at the point of use in the ECU, 140°F (60°C)

General Ventilation conditions:

Min. Temp	72°F (22°C)
Max Temp	78°F (26°C)
Optimum Temp	75°F (24°C)
Relative Humidity	45%
Fresh Air Supply per Incubator	25-190 CFM (40-323 m ³ /hr)
Room Pressure Differential to outside	0.005-0.015 in w.g. (1.2-3.7 Pa)
Exhaust plenum Differential to room	- 0.015 to – 0.020 in w.g. (-3.7 to -5.0 Pa)