

# Series 180 Incubators

from Quincy Lab



The Quincy Lab 180 series incubators pick up where the 140 series leaves off as far as temperature range, increasing the upper limit to 200°F (93°C). This series of models were also developed for laboratories that need a dependable, compact incubator for cultures, test kits, eggs and biologicals. For lab applications requiring a constant thermal environment, these units are ideal for clinical, industrial and school laboratories, for physicians' offices, and as a general purpose warming cabinet. Select from the economy of analog control or the accuracy and convenience of digital, from light-pressure thermal convection or the performance of forced uniform air. All units feature high grade aluminum interiors, cold-rolled steel exteriors powder coated in our "clean room" ivory, and a steel door. E-model features include selectable C or F unit in 0.1 display resolution and a continuous self-diagnostic function that prompts if control malfunctions or thermocouple fails. All units UL and C / UL listed for laboratory equipment.

Our medium-pressure thermal convection 180 analog models offer good utility at an affordable price. These units feature a steel door that helps shield light-sensitive products. These models can maintain temperatures up to 93°C through a precise bimetal controller that is temperature stable to  $\pm 0.75^{\circ}\text{C}$ .\* Control panel includes illuminated power switch and heat cycle pilot light. Standard equipment includes one fixed and one adjustable chrome-plated wire shelf and an enviro-friendly spirit thermometer. Full 18 month warranty.

Our E models combine all the features of our analog models but offer ease of temperature setting and the stability of a full PID microprocessor that accurately maintains settings within  $\pm 0.5^{\circ}\text{C}$ \* even in varying ambient or power supply conditions. A unique temperature tracking feature stores temperature deviation from set point. This feature helps to confirm stability or indicate any control malfunction or power loss throughout a process period. The control features large LED's that continuously display process temperature and a setting lock mode that protects against inadvertent adjustment. Full 18 month warranty.

The AE models combine the accuracy and functions of the E model's microprocessor with the performance of forced air. These models utilize a blower and side air plenum design to deliver full horizontal air flow within the chamber. The AE's gentle cross-air flow offers improved heating capacity and exceptional temperature stability of  $\pm 0.75^{\circ}\text{C}$ \*. Because each shelf receives an equal measure of heated air, these units can process multiple petri dishes, flasks and beakers at the same time. AE models are ideal for large or high density loads or applications requiring faster warm-thru times. Unit comes with 3 adjustable aluminum shelves, 2 with 10AE and spill tray. 18 month warranty.



**Model 10-180**

Model	10-180	12-180
<b>Exterior Dim.</b> (cm)	13"w x 15"h x 11"d (33.0 x 38.0 x 27.9)	19"w x 21"h x 13"d (48.3 x 53.3 x 33.0)
<b>Interior Dim.</b> (cm)	12"w x 10"h x 10"d (30.5 x 25.4 x 25.4)	18"w x 16"h x 12"d (45.7 x 40.6 x 30.5)
<b>Shelf Centers</b>	1.0 inches / 2.5 cm	1.0 inches / 2.5 cm
<b>Electrical**</b>	115 VAC 270 Watt	115 VAC 385 Watt
<b>Shipping Wt.</b>	26 LBS / 11.8 KG	45 LBS / 20.5 KG
<b>Operating Range</b>	Ambient +3°C - 93°C	Ambient +3°C - 93°C

\* Measured at 37°C under controlled ambient conditions

Model	10-180E	12-180E
<b>Exterior Dim.</b> (cm)	13"w x 15"h x 11"d (33.0 x 38.0 x 27.9)	19"w x 21"h x 13"d (48.3 x 53.3 x 33.0)
<b>Interior Dim.</b> (cm)	12"w x 10"h x 10"d (30.5 x 25.4 x 25.4)	18"w x 16"h x 12"d (45.7 x 40.6 x 30.5)
<b>Shelf Centers</b>	1.0 inches / 2.5 cm	1.0 inches / 2.5 cm
<b>Electrical**</b>	115 VAC 120 Watt	115 VAC 235 Watt
<b>Shipping Wt.</b>	30 LBS / 13.6 KG	45 LBS / 20.5 KG
<b>Operating Range</b>	Ambient +3°C - 93°C	Ambient +3°C - 93°C

Model	10-180AE	12-180AE
<b>Exterior Dim.</b> (cm)	13"w x 15"h x 13"d (33.0 x 38.0 x 27.3)	19"w x 21"h x 13"d (48.3 x 53.3 x 33.0)
<b>Interior Dim.</b> (cm)	10.5"w x 9.4"h x 12" (26.7 x 23.9 x 30.5)	16"w x 15.4"h x 12" (40.6 x 41.7 x 30.5)
<b>Shelf Centers</b>	1.5 inches / 3.8 cm	1.5 inches / 3.8 cm
<b>Electrical**</b>	115 VAC 200 Watt	115 VAC 295 Watt
<b>Shipping Wt.</b>	42 LBS / 19 KG	55 LBS / 25 KG
<b>Operating Range</b>	Ambient +8°C - 93°C	Ambient +8°C - 93°C

\*\* 230 VAC optional

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