Smart ICU Air-C1-S Technical Specification

Item	Specification
ICU Chamber	Single chamber
System Dimensions (W × D × H)	34.8" x 30.3" x 35.8"
Net Weight	254 lbs
Controller (Single)	10-inch color LED touch screen
O_2 Control Range	21–80 % vol
CO_2 Monitoring Range	400–2000 ppm (±10 ppm)
Temperature Control Range	Heating & cooling / 59–99 °F
Humidity Monitoring Range	55–75 % RH
Nebulization	Single Nebulizer / Timer 1–60 min | Max 0.2 mL/min | 0.5–2 μm | ≤40 dB(A)
Examination Lighting (White)	Timer 1–60 min | 3 brightness levels
Warm Lighting (Yellow)	Timer 1–60 min | 3 brightness levels
Therapy Lighting (Blue Light)	Timer 60–600 min | 415 nm antibacterial light
Operational Temperature	14–104 °F (room temperature)
Power Supply Voltage	AC 100–120 V, 50/60 Hz
Backup Battery	6000 mAh (approx. 30 min with external circulation mode)
Power Consumption	300 W (typ.) / 600 W (max.) per chamber
Power Outlet	One outlet
Main Material	304 stainless steel