

Ai RapidChill 26 CF -86°C Ultra-Low Temp Upright Freezer UL 110V

Specifications

Model	G26h
Electrical requirements	110V (±10%) 60Hz 1-Phase 1000 watts
Power consumption	10.5 kW/day, Energy Star certified
Performance	Temperature range: -40°C to -86°C Time from ambient to -86°C: 5 hours Uniformity: ±4°C Time from -86°C to -50°C with door close (ambient 25°C): 5 hours 1 min door open recovery time (ambient 25°C, running temp -75°C): 30 mins
Dimension	Top Compartment height = 11 5/8" Other 3 compartment height = 11 7/8" Width= 29.5" shelf Depth= 25.5" Unit depth up to front support bar = 27 3/4"

Controller	<ul style="list-style-type: none"> - Style: microcomputer controlled with analog display - Range -40°C to -86°C - Step: 1°C - Thermo sensor: PT100 - Displays: internal temperature, ambient temperature, input voltage, error code - Indicators: high/low temperature/battery alarms, sensor failure, power failure, condenser failure, door open, high ambient temperature, working condition
Compressor	<p>Make: SECOP (formerly known as Danfoss), Germany</p> <p>Style: direct cooling</p> <p>Power: 115V 60Hz 1-PHASE, 0.85HP x 2</p> <p>Number of compressors: two</p> <p>HC refrigerants: R290 (stage 1), R170 (stage 2)</p>
Chamber	<p>Dimensions: 30.5 x 28.2 x 51.6" (WxDxH)</p> <p>Material: powder coated steel</p> <p>Capacity: 25.7 Cu Ft</p> <p>Insulation: VIP (Vacuum Insulated Panel)</p> <p>5x5x2" cryo box capacity: 500</p>
Shelf	<p>Come with unit: 3 (4 compartments), fully adjustable</p> <p>Dimensions: 29.5 x 26.7" (WxD)</p> <p>Max. load capacity: 200 Lbs</p>

	Material: 304 stainless steel
Door and gasket	Inner door: four, each with sealing gasket External door: one, with four sealing gaskets, lock-able
Communication	Standard: RS-485, USB (stores 15 years of data for compliance purpose) Optional: 4-20mA transmitter
Access port	Two
Noise level	50 dBA
Working environment	<ul style="list-style-type: none"> - Temperature: 10°C to 32°C (humidity <57% Rh required at 32°C) - Humidity: <80% Rh - Altitude: < 2000 m / 6561 Ft - Stable, well-ventilated platform with no excessive dust - Keep freezer at least 12 inches from any walls or ceiling - Use dedicated power, do not share outlet - Extension power cable should be less than 10 feet is required - Freezer and power outlet should be grounded properly - Avoid direct sunlight, water spill and do NOT use freezer outdoor - Clean condenser fins and remove frost inside chamber at least once a month

	<p>- Important! Do not plug in your unit. Leave your Ai refrigerator or freezer for</p> <p>24 hours before turning the unit on for the first time.</p>
Battery backup system	48 hours (for controller display and alarms only)
Unit/shipping weight & dimensions	<p>760 Lbs / 850 Lbs</p> <p>41 x 38.5 x 78" / 45 x 42 x 82" (WxDxH)</p>
Safety	<ul style="list-style-type: none"> - Compressor over-temp protection - Ambient over-temp protection - Compressor power surge delay protection - Password protection - Sensor failure protection - Over-temperature and low-temperature protection - Power failure protection - Low battery, door open, condenser clogging, system failure alarms - External door with lock
Compliance	<p>UL 61010-1</p> <p>CSA C22.2</p> <p>Energy Star</p>