

Tenutō Cool

5L416C & 5L1006C

These pharmacy refrigerators are suitable to store vaccines, medicines and laboratory products at 2°C to 8°C temperature range. Application could be found at pharmacies, pharmaceutical factories, hospitals, CDC, clinics, laboratories. Leading technologies for safer storage and higher temperature stability.

5L416C, 5L1006C
Net capacity 416L, 1006L
Refrigerator 2°C to 8°C



Safer Storage

Superior Temperature Uniformity and Precise Control

- » Microcomputer temperature control
- » Dual display, temperature and humidity
- » Temperature accuracy 0.1°C
- » Temperature variation $\leq 2^{\circ}\text{C}$
- » Temperature uniformity $\pm 1.5^{\circ}\text{C}$
- » USB port, temperature record traceable
- » Backup battery
- » Audible and visual alarm systems

Advanced Technologies

Reliable and Stable Performance

- » International famous inverter compressor
- » Top cooling system
- » DC turbo fan
- » Built-in air duct
- » LBA forming technology
- » Micro-channel condenser
- » Patented D+ heat exchange technology, high efficiency and energy saving.

Humanized Design

Friendly for Daily Use

- » Door self-close
- » Adjustable shelves with label holder
- » Porthole
- » Adjustable LED light
- » Wide voltage range design

Top Cooling System

Strong cooling airflow from the top to the bottom, works as an air curtain to block the external hot air from entering the refrigerator when door is opening, so as to prevent the temperature in the cabinet from rising rapidly, also contributes better temperature uniformity performance.

- » Improves temperature uniformity performance by 40%.
- » Max interior temperature difference $\pm 1^{\circ}\text{C}$
- » Prevent temperature rising rapidly when door is opening
- » Energy consumption 47% lower than similar sized normal pharmacy refrigerator.

DC Turbo Fan

- » Decrease noise level by 8%
- » Integrated DC Turbo Fan works with smaller vibration and higher efficiency
- » Safer for daily use
- » No strong electric component in chamber, safer and more reliable.

Built-In Air Duct

- » Increase the effective interior space by 10%
- » Less interior space occupancy
- » Built-in air duct plus the top cooling design, ensure temperature in the top of chamber is cool enough for storage.

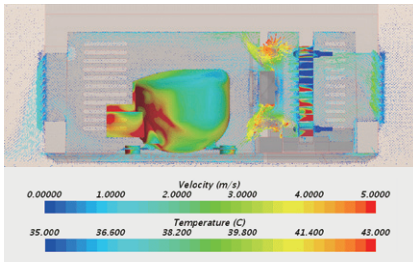
Dual Display

Display real-time temperature and humidity.

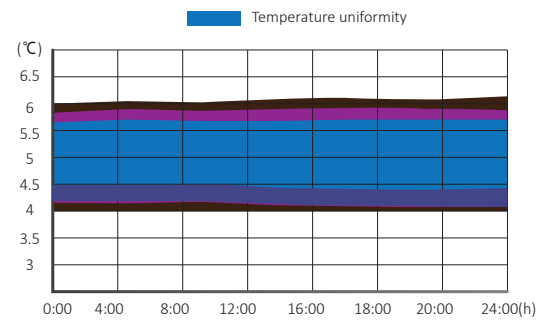
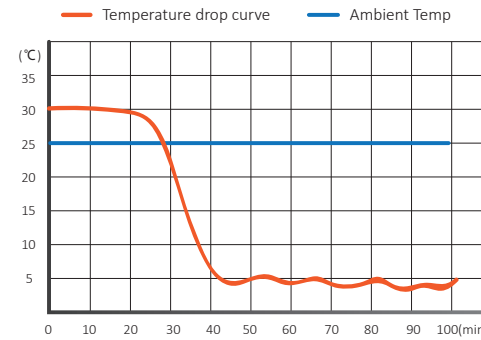


Micro-Channel Condenser

Compressor overheating protection, effectively improving the service life of the core part. Powerful heat dissipation for condenser, heat exchange capacity increase by more than 20% than common copper tube fin condenser of other suppliers.



Typical Performance Characteristics at 25°C Ambient



LBA Forming Technology

- » The world's leading fourth generation foaming agent.
- » More uniform density, better insulation, more energy-saving.
- » More reasonable foaming layer design, larger interior storage space.

Tenutō Cool 5L416C and 5L1006C Specifications

Item	Model No.	5L416C	5L1006C
Dimensions	Compartment	Refrigerator	Refrigerator
	Load Capacity (40HQ)	48	23
	Fridge Storage Volume (L)	416	1006
	Product Dimensions WxDxH (mm)	690*653*1920	1220*808*1920
	Interior Dimensions WxDxH (mm)	595*514*1343	1130*634*1354
	Net/Gross Weight	88/97	160/84
Technical Data	Compartment	Refrigerator	Refrigerator
	Cooling Type	Forced air cooling	
	Defrost type	No frost	
	Climate Class	N	
	Refrigerant/Amount (g)	R600/36g	R600a/60g
	Compressor type	Inverter	
	Sensor Quantity	6	
	Compartment	Refrigerator	Refrigerator
Product Performance	Temperature Range	2°C to 8°C	
	Temperature Uniformity/°C	2	3
	Temperature Volatility/°C	2	
	Temperature Accuracy	0.1	
	Compartment	Refrigerator	Refrigerator
Control	Controller	Microprocessor	
	Display	LED (Temperature and Humidity)	

Item	Model No.	5L416C	5L1006C
Electrical Data	Compartment	Refrigerator	Refrigerator
	Rated Current(A)	1.5	2.2
	Rated Power(W)	260	380
Alarms	Compartment	Refrigerator	Refrigerator
	Power Failure Alarm	Y	
	Sensor Failure Alarm	Y	
	Environment Temperature Alarm	Y	
	Door Ajar Alarm	Y	
	High Temperature Alarm	Y	
	Low Temperature Alarm	Y	
	Remote Alarm	Optional	
Accessories	Compartment	Refrigerator	Refrigerator
	Shelves/Drawers Quantity	5	10
	Anti-Condensation Door	Electrical heating	
	Self-Lock	Y	
	Label Card Holder	Y	
	Cable Port	Y	
	Castors/Type	2/Omni-Directional 2/Fixed wheels	4/Omni-directional
	USB	Y	
	RS-485 Port	Optional	
	Printer	Optional	
	Backup Battery	Y	
	Backup Battery Endurance	24 hour	

Tenutō is a trademark registered in the US Patent and Trademark Office. Product information is provided by the manufacturer and is subject to change due to updates, regional variations, or differences in manufacturing processes. Swisslog Healthcare is not responsible for any discrepancies or variations in product details. ©2025 Swisslog Healthcare NAM EN 102025 TRF-205



For more information, visit:
swisslog-healthcare.com/tenuto

