





Ultra Low Temperature Freezers: Model Comparison Chart

Supplier	abm	ThermoFisher	VWR	Eppendorf	Haier	K2 scientific	Across International	So Low
Model	Ultra Low Temperature Lab Freezer-510 L	TSX Series Ultra-Low Freezers	VWR® -86 °C Ultra-Low Temperature Freezers with Natural	CryoCube® F570n	-86°C Ultra Low Temperature Freezer	21 cu ft. Ultra Low (-50°C TO -86°C) Temperature Freezer	AI Glacier 18 Cu Ft -86°C Ultra-Low Upright ULT Freezer ETL 110V	So-Low Upright Freezer to -85°C
Cat. No.	Q5126	TSX40086A	76307-952	F571200035	Cat. No. DW-86L579	K221ULT	G18	U85-18
Freezer Type	ULT, Upright	ULT, Upright	ULT, Upright	ULT, Upright	ULT, Upright	ULT, Upright	ULT, Upright	ULT, Upright
Temperature Range	-40°C to -86°C	-50°C to -86°C	-86°C	-50 °C to -86 °C	-40 °C to -86 °C	-50 °C to -86 °C	-40 °C to -86 °C	-40 °C to -85 °C
Storage Capacity	510 L (400 x 2" boxes)	549 L (400 x 2" boxes)	549 L (400 X 2" boxes)	570 L (400 X 2" boxes)	579 L	590 L (400 X 2" boxes)	510 L	505 L
Energy consumption	8.5 kWh/day 	8.5 kWh/day	12 kWh/day	8.8 kWh/day	7.5 kWh/day	16 kWh/day	8.5 kWh/day	17 kWh/day
Operation sound levels	48 dB 	49.8 dBA	51.3 dBA	57.3 dBA	43.5 dBA	55 dBA	48 dBA	62 dBA
Electrical requirements	220 V, 60 Hz 	115 V, 60 Hz	230 V, 50 Hz	115 V, 60 Hz	115 V, 60 Hz	120V, 60Hz	110 V, 60 Hz	115V, 60Hz
Display	Touchscreen Interface	Touchscreen Interface	Touchscreen Interface	Classic Interface	Touchscreen Interface	Touchscreen Interface	Touchscreen Interface	Classic Interface
Automatic Alarms	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Warranty	1 year	Warranty varies by country	2 years limited parts + 5 year compressor		3 years	2 years full parts replacement or compressor failure	1 year	1 year parts and labour
Certifications	ISO9001, ISO14001, ISO13485, CE, TUV, and ETL certified and RoSH compliant. 	cULus	EPA SNAP compliant. UL/cUL listed.	ACT, Energy Star	Energy Star	UL/cUL	CSA, UL	ETL
Price (USD)	\$7,500.00* *Special Research Support Pricing, Tax Included.	Quote must be requested.	\$23,295.62 Plus additional shipping	\$20,500.00 Plus additional shipping fees/duties/taxes.	\$12,007.00 Plus additional shipping fees/duties/taxes.	\$10,075.00 Plus additional shipping fees/duties/taxes.	\$10,990.00 Plus additional shipping fees/duties/taxes.	\$8,295.00 Plus additional shipping fees/duties/taxes.