



Freezer Recommendations

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Here's what you can do:

Chill Up: Raise Temperature in Ultra low Freezers

Freezers, Ultra low									
Description			Monthly Average						Monthly
Brand	Model	~Age	On at -80			Raised Temperature at -70			Potential Savings
*Isotemp -80	Basic Freezer	2002	\$49.59	684.72 kWh	951 W	n/a	n/a	n/a	
**Baker	UF 755 G	2010	\$40.00	532 kWh	n/a	n/a	n/a	n/a	
**Forma Scient	923	1998	\$51.00	678.24 kWh	942 VA	\$46.94	624.24	867 VA	\$4.06
**Harris	ELT-14LS-90-D31	2004	\$42.77	568.8 kWh	790 VA	\$31.08	413.28	574 VA	\$11.70
**Revco (chest)	ULT 2090-5-A31	2002	\$57.77	768.24 kWh	1067 VA	n/a	n/a	n/a	
**Revco	ULT 2586-5-D39	2005	\$67.14	892.8 kWh	1240 VA	n/a	n/a	n/a	
**Revco	ULT 2586-9SI-A38	2007	\$56.69	753.84 kWh	1047 VA	n/a	n/a	n/a	
**Revco	ULT 1786-3-A14	1998	\$41.80	555.84 kWh	772 VA	n/a	n/a	n/a	
**Revco	ULT 2586-9-A35	n/a	\$52.68	700.56 kWh	973 VA	\$43.32	576	800 VA	\$9.37
**Sanyo	MDF-U71VC	n/a	\$74.50	990.72 kWh	1376 VA	\$67.52	897.84	1247 VA	\$6.98
**Sanyo	MDF-U73VC	n/a	\$60.86	809.28 kWh	1124 VA	\$57.39	763.2	1060 VA	\$3.47
**Thermo (chest)	ULT1090-3-A34	n/a	\$35.41	470.88 kWh	654 VA	n/a	n/a	n/a	
**Thermo Forma	916	2001	\$65.08	865.44 kWh	1202 VA	n/a	n/a	n/a	
**VWR	5463		\$40.99	545.04 kWh	757 VA	n/a	n/a	n/a	

*Penn metering project **Data collected from UC Davis, found at: <http://labs21.lbl.gov/wiki/equipment>

Notes:

Monthly Potential Savings comes from turning up the freezer from -80 to -70, many items are safe at this temperature and the compressor does not need to work as hard to keep the freezer at a higher temperature.

Monthly Cost based on \$0.0752/kWh