

# Refrigeration

## Energy efficiency tips

- The most efficient temperature to run your fridge is between 3 degrees C and 4 degrees C and your freezer is between -15 degrees C and -18 degrees C
- Ensure fridge and freezer doors aren't left open unnecessarily
- If you don't have a frost-free freezer, you should consider defrosting it every six months or whenever the frost build-up reaches around 5mm
- To test the condition of the seals on your fridge, place a piece of paper in the door. It should hold firm when the door is closed. If it doesn't, consider replacing the seals
- Where possible, consolidate stock to reduce the need for additional refrigeration, and cover display units when not in use.

## Energy saving checklist

Use this checklist to help you identify possible areas on which you can improve your energy efficiency.

	Yes
Are the seals on your fridge or freezer old and in need of replacement?	<input type="checkbox"/>
Can stock be consolidated to reduce the need for additional refrigeration?	<input type="checkbox"/>
Are refrigerated display units covered when not in use?	<input type="checkbox"/>
Are refrigeration units located in a cool area with sufficient ventilation space?	<input type="checkbox"/>
Is heat from refrigeration units accessible to air conditioned space?	<input type="checkbox"/>
Are thermostat temperatures set correctly?	<input type="checkbox"/>

## Appliance energy usage table

REFRIGERATION TYPE	Rating (Watts)	Cost/kWh
Bar Refrigerator 50L - domestic	40	\$0.010
Bar Refrigerator 100L - domestic	120	\$0.030
Bar Refrigerator 120L - domestic	150	\$0.038
Refrigerator 150L - domestic	140	\$0.035
Refrigerator 250L - domestic	170	\$0.043

Refrigerator 400L - domestic	230	\$0.058
Refrigerator 500L - domestic	350	\$0.089
Refrigerator 700L - commercial	450	\$0.114
Refrigerator 1500L - commercial	650	\$0.165
Freezer chest - 140L	125	\$0.032
Freezer chest - 200L	160	\$0.041
Freezer chest - 280L	230	\$0.058
Freezer upright glass - 1 door	800	\$0.203
Freezer upright glass - 2 door	1,100	\$0.279
Freezer upright - 1 door	700	\$0.177
Freezer upright - 2 door	1,100	\$0.279
Soft drink fridge - 1 door	700	\$0.177
Soft drink fridge - 2 door	800	\$0.203
Soft drink fridge - 3 door	1,200	\$0.304
Open display fridge - small	1,350	\$0.342
Open display fridge - medium	1,700	\$0.431
Open display fridge - large	2,450	\$0.621
2 door display coolroom	1,000	\$0.253
3 door display coolroom	1,400	\$0.355
4 door display coolroom	1,800	\$0.456
5 door display coolroom	2,400	\$0.608
Coolroom - small	1,000	\$0.253
Coolroom - medium	1,700	\$0.431
Coolroom - large	3,000	\$0.760
Freezer room - small	1,600	\$0.405
Freezer room - medium	2,300	\$0.583
Freezer room - large	2,700	\$0.684
Countertop glass display fridge	145	\$0.037
Glass display fridge - small	105	\$0.027
Glass vaccine fridge - large	300	\$0.076
Wine fridge	160	\$0.041
Coke fridge	550	\$0.139
Water cooler	60	\$0.015
Vending Machine	650	\$0.165
Ice Cream Display Units	650	\$0.165