



The Most Energy-efficient ULT Freezer

World Debut Come Soon

Haier's next generation ULT freezer DW-86L728J is particularly designed for energy savings. It consumes the least amount of energy for the class of large ULT freezers. This new model uses environmentally safe hydrocarbon refrigerants and high efficiency fan motors to maximize the cooling ability of the system and reduce energy consumption. While providing sample safety, the new freezer design makes energy savings possible for laboratories.

Advantages

- World leading energy-efficient, 10.5* kwh/24h
- Hydrocarbon refrigeration system
- Reliable sample protection
- Excellent insulation performance
- Malfunction alarms

* (Data is validated by National Center Of Safety Quality Supervision And Testing For Electronic & Electrical Products)

Test Item	Technical Requirement	Test Result
Power Consumption	≤115%	99.3% Rated Value 10.5kWh/24h Measured value 10.4296 kWh/24h

Safety

- Excellent temperature uniformity for an exacting sample storage requirement
- High efficiency and reliability cooling fans ensure energy savings and long term storage safety



Superior

- Special V.I.P (Vacuum Insulation Panel) design with extra insulation factor cuts down heat loss to cabinet by 25%
- High efficiency hydrocarbon refrigerant based refrigeration system increases the efficiency by 45% than previous model
- Four individual insulated inner door to keep the cold air inside
- Pressure equalization port provides superior air flow making it possible to drastically reduce the stress on the freezer
- Low noise: DW-86L728J: 50dB(A) (reference data)

Alarms (visual and audible)

- Adjustable High/Low temperature alarm
- Sensor error
- Low battery
- Door ajar
- Power failure
- Probe failure
- Hot condenser
- High ambient
- Remote alarm contact



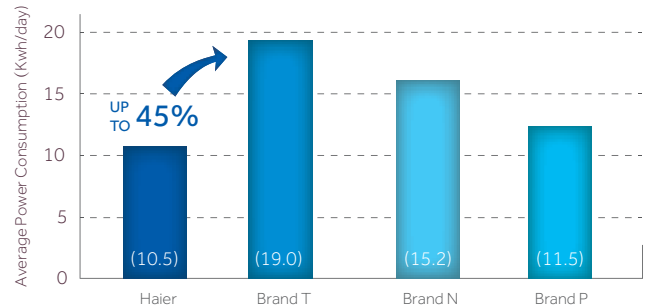
Global Most Energy Efficiency

Electricity charge of a 700-liter ULT Freezer

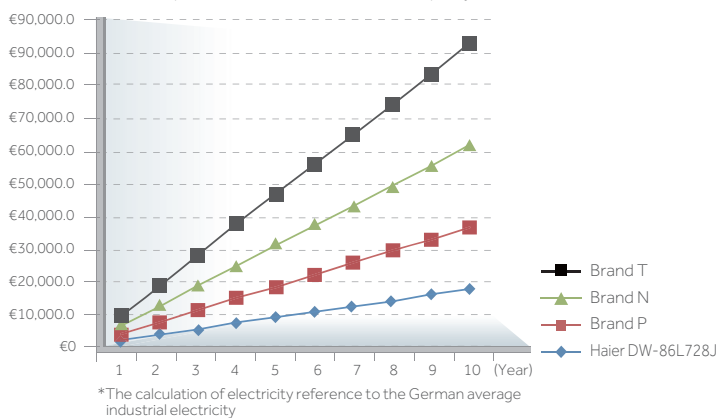
Model	Power Consumption (Kwh/h)	Ambient Temperature	Electricity Charge (1year)	Electricity Charge (5year)	Electricity Charge (10year)
DW-86L728J	10.5*	25°C	€ 1,724.6	€ 8,623.1	€ 17,246.3
Brand P	11.5	22-26°C	€ 1,888.9	€ 9,444.4	€ 18,888.8
Brand N	15.2	23°C	€ 2,496.6	€ 12,483.0	€ 24,966.0
Brand T	19.0	25°C	€ 3,120.8	€ 15,603.8	€ 31,207.5

Notes:* Typical data - individual units may vary and power consumption will depend on loading and operating conditions. Freezer set-point -80°C, ambient temperature 25°C, unloaded, 220-240V 50Hz power supply

- The new Eco-friendly Haier ULT freezer is the most energy-efficient one in the world which is designed to help you save energy.



Haier DW-86L728L Electricity Charge for ten years compared with other bands with similar capacity



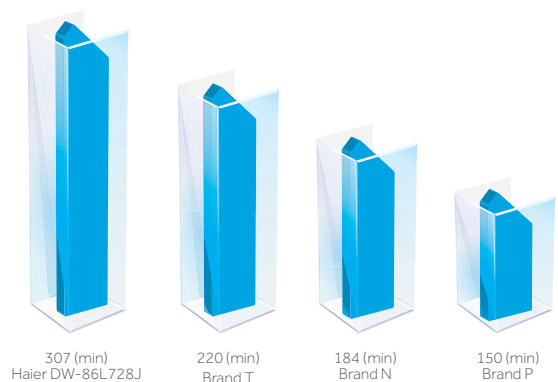
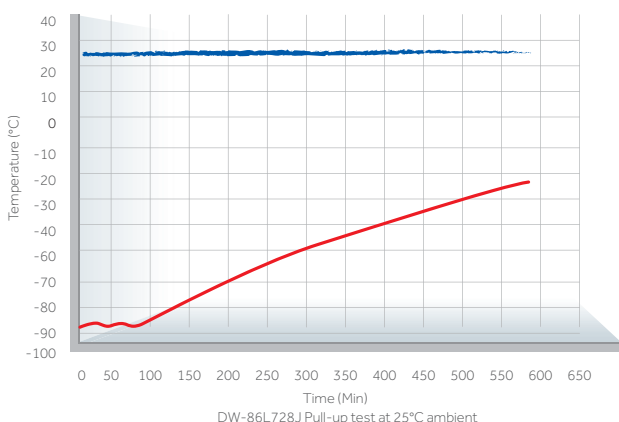
Less Cost

- Compared with Brand P, Haier DW-86L728J will help you to save €1,642.5 electricity charge in 10 years
- Compared with Brand N, Haier DW-86L728J will help you to save €7,719.7 electricity charge 10 years
- Compared with Brand T, Haier DW-86L728J will help you to save €13,961.2 electricity charge 10 years

Extended Pull-up Time During A Power Failure

- Pull-up time measures the time taken for temperature to rise up (from -80°C to -50°C) at 25°C ambient when the power is interrupted

- Haier has the best warm-up time among the ULT freezers compared with competitors' largest volume product



Energy Saving



USB



VIP Plus



Malfunction Alarms



Reliable Performance



Low Noise

Model	DW-86L728J
Capacity	(L/Cu.Ft) 728/25.7
Temp Range	(°C) -40--86
Interior Dimension	(mm) 766*710*1310
(W*D*H)	(in) 27.0*28.0*51.6
Exterior Dimension	(mm) 1041*980*1980
(W*D*H)	(in) 36.7*34.5*78.0
Net/Gross Weight	(kg) 311/333
(approx)	(lbs) 685.6/734.1
2" boxes	500 (based on 5*5 racks)