

VEH test for Horizontal Ice-cream Freezer

Case Study

2023

embraco
Nidec



Horizontal ice-cream freezer case study results

CASE STUDY PARAMETERS



Horizontal Ice-cream Freezer

Capacity (L): 515
Power Supply: 220V/50Hz
External dimensions (mm):
1510 (L) x 694 (W) x 880 (H)

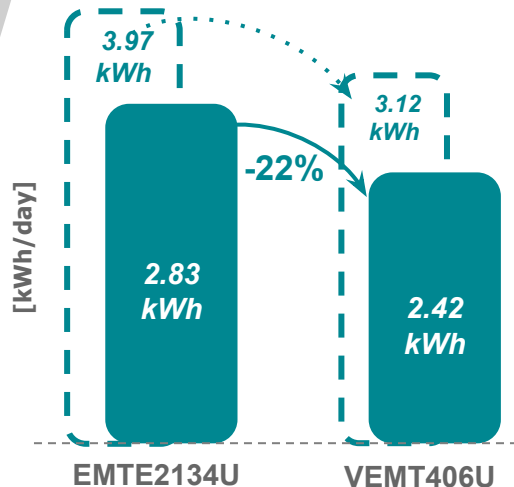
Test conditions:

- Ambient temperature: 25°C, 60% Rel. Humidity
- Ambient temperature: 30°C, 55% Rel. Humidity

High Ambient condition

Total reduction **22%**
of energy consumption

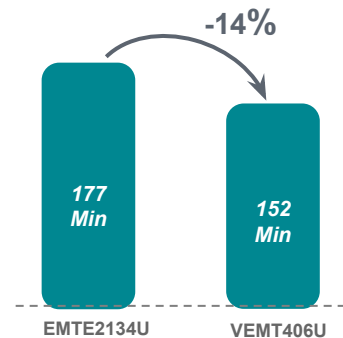
Efficiency and temperature stability for refrigeration
Lowest consumption due to inverter technology



This saving means: **150 kWh/year** per cabinet

ADDITIONAL BENEFITS

Time saving:
Faster to reach to
the target
temperature



Certifications

