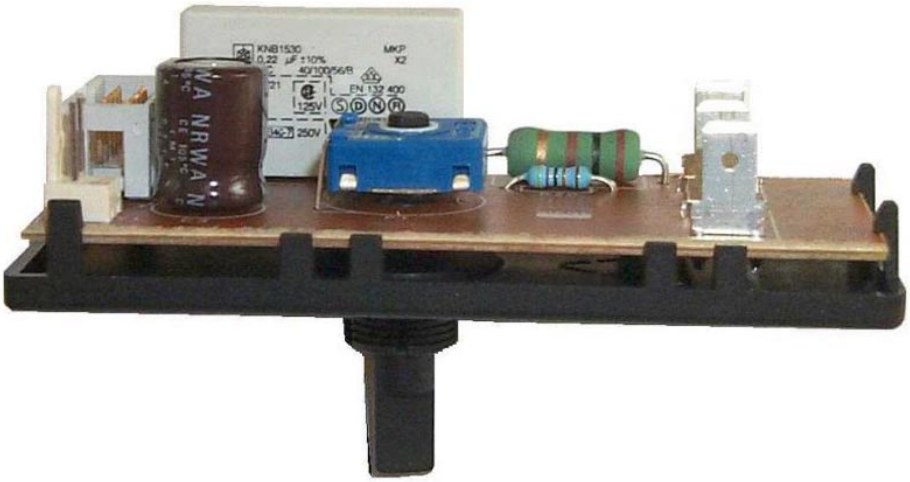
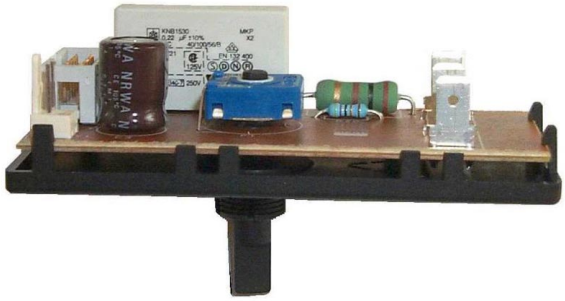
E76 – Electronic Control



E76 - CONTROL FOR ABSORPTION REFRIGERATORS



DESCRIPTION
The E76 eco-save™ is a flash-microprocessor based temperature control specifically developed for absorption refrigerators.
Its unique eco-save™ software (patent pending) offers stable temperature control of the food compartment, substantial energy savings compared to traditional control methods and incorporates an optional periodic defrost timer.
The E76 eco-save™ is available as a PCB for mounting in custom housings or with a plastic adapter for easy interchangeability with electro-mechanical controls.

STANDARD FEATURES
• Stable and energy-efficient temperature control using the eco-save™ control algorithm.
• Single temperature sensor required.
• Rotary temperature adjustment.
• Factory adjustable parameters stored in on-board flash memory allow easy configuration of the E76 for any absorption refrigeration device.

OPTIONAL FEATURES
• Automatic periodic defrost timer fully configurable to user requirements.
• Adapter for centre-post mounting. Angle of D-shaft changeable via tool insert.
• Off position at full counter-clockwise position of the dial.
• Side or rear entry terminals.

DESIGN FEATURES
• Incorporates the Invensys eco-save™ proprietary software to significantly reduce appliance energy consumption.
• Future-proof design using flash memory which allows easy incorporation of new features and modifications as they become available.
• Small size and optional mounting bracket allows easy interchangeability with electro-mechanical controls.
• Designed to comply with EN60335, EN 60730 and the European EMC directives.

SPECIFICATION

• Supply Voltage Range	220 V~ -10% to 240 V~ +6%
• Frequency	50 Hz +1% sinusoidal
• Self Consumption	< 0,3W at 230 V~
• Maximum Heater Current	0.65 A
• Operating Temperature	0°C to +55°C
• Storage Temperature	-30°C to +75°C
• Settings	user specified
• Accuracy	+1K with L66

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