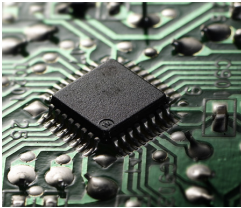




## Eco Thermo Sensor Control with Electric Damper



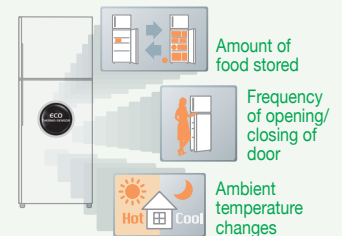
The Microcomputer for Hitachi's Eco Thermo Sensor provides optimum cooling for efficient energy saving operation at all times.

### How Does the Eco Thermo Sensor and Electric Damper Work?

Hitachi's Eco Thermo Sensor is a system featuring multiple sensors that constantly detect even the slightest temperature changes inside the refrigerator, providing the microcomputer with the information required for optimum operation. The microcomputer operates the compressor, fan motor, and electric damper efficiently, realizing quick temperature recovery at the time of inside temperature changes.

The electric damper further assures optimal control of inside temperature. It accomplishes automatic temperature control without the need of manually adjusting a temperature setting dial inside, so users only need to set the dial when they want a particular temperature. The electric damper also enables independent operation of the freezer compartment, providing more efficient cooling.

Factors that change the temperature inside the refrigerator (Schematic diagram)



ECO  
THERMO-SENSOR



Eco Thermo-sensor in  
all Hitachi refrigerator

