

**10 To 30%
ENERGY
SAVINGS**

SLIDE EFFECT

TECHNOLOGIES

- Proprietary technology
- Manufacturer's warranty supported by a 5 million dollars liability insurance policy

SLIDE EFFECT

- More than 12,000 installations and no breakdown
- Restores the effectiveness of heat exchange system losses
- Increases refrigerant oil lubricity
- Increases resistance to the oxidation of oil refrigerants
- Inhibits corrosion, rust and leaves no deposit

CLIENT BENEFITS

- Extends the life of the HVAC systems
- Extends the life of mechanical equipment
- Increases operational efficiency
- Reduces operating costs
- Improves productivity
- Reduces unexpected downtime
- Provides significant energy savings

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COMPONENTS

Catalyst 1

This Slide Effect component breaks down the surface tension that makes the oil molecules adhere to the inner surfaces of condensers and evaporator coils. This creates clean and slick metal surfaces to allow optimal heat transfer.

Catalyst 2

This component contributes to increased energy efficiency by improving the performance of the refrigerant. Its actions cause the refrigerant to perform more heat exchange by increasing the mass of refrigerant molecules, coupled with a more effective surface area provided by Catalyst 1.

Lubricating Agent

This agent significantly improves the lubricity, reduces mechanical wear and allows both smoother and quieter mechanical operations.

Slide Effect is an intermetallic restoring compound, composed of natural elements that eliminate oil fouling, improve refrigerant performance and form a permanent bond to metal surfaces. Its bonding effect modifies the composition of the metal surfaces that carry the refrigerant, thereby improving lubricity and heat transfer in condensers and evaporator coils of air-conditioning, heat pump and refrigeration systems. The treatment process requires the removal of existing refrigerant oil in equal proportion to the amount of Slide Effect inserted in the system and the cleaning or replacement of filters, a couple of weeks after the treatment. Specifically designed for the residential, commercial and industrial HVAC market, Slide Effect provides significant energy savings.

ELIMINATION OF OIL FOULING

Oil fouling of heat transfer surfaces of air-conditioning and refrigeration systems will cause a loss of approximately 7% efficiency the first year, 5% the second year and 2% per year the following years. Usually, the efficiency degradation peaks somewhere between 20% and 30% and is typically always less than 40%. It is therefore essential to eliminate oil fouling. Slide Effect eliminates and prevents oil fouling better than any other solution available. It gives back maximum efficiency and maintain it for the entire life of the equipment. The product consists of two catalysts and one advanced lubrication agent. A synthetic catalyst does not change the composition of compressor oil or refrigerants, it causes a reaction by its presence. When the reaction is in progress, the catalyst is recycled and continues to improve refrigerant performance indefinitely.

FOR MORE INFORMATION, CONTACT:

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