

Glossary

Compression - The reduction of volume of a vapor or gas by mechanical means.

Conduction - The transfer of heat from molecule to molecule within a substance.

Convection - The transfer of heat by a moving fluid.

Cycle - The complete course of operation of a refrigerant back to a selected starting point in a system.

Receiver - A vessel for holding refrigerant liquefied by the condenser.

Refrigerant - A substance which produces a refrigerating effect while expanding or vaporizing.

Superheat - Heat added to a vapour after all liquid has been vaporized.

Thermostatic expansion valve - Refrigerant control which monitors the flow rate according to the superheat at the evaporator outlet.