

Glossary

Capillary tube - A refrigerant control consisting of a small diameter tube which controls flow by restriction. They are carefully sized by inside diameter and length for each particular application.

Check valve - A valve designed to permit flow in one direction only.

Coil - Equipment that performs heat transfer to air when mounted inside an air handling unit or ductwork. It is heated or cooled by electrical means or by circulating liquid or steam within it.

Damper - A plate or gate placed in a duct to control air flow by increasing friction in the duct.

Refrigerant control - A device used to meter the amount of refrigerant to an evaporator. It also serves as a dividing point between the high and low pressure sides of the system.

Thermostat - A bimetal actuated switch to close and open a circuit to indicate or terminate operation of a heating or air conditioning system.

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

Vapor barrier - The term applied to an impervious layer of material superimposed upon a layer of insulation. Vapor barriers are always applied on the warm side of the insulation layer.