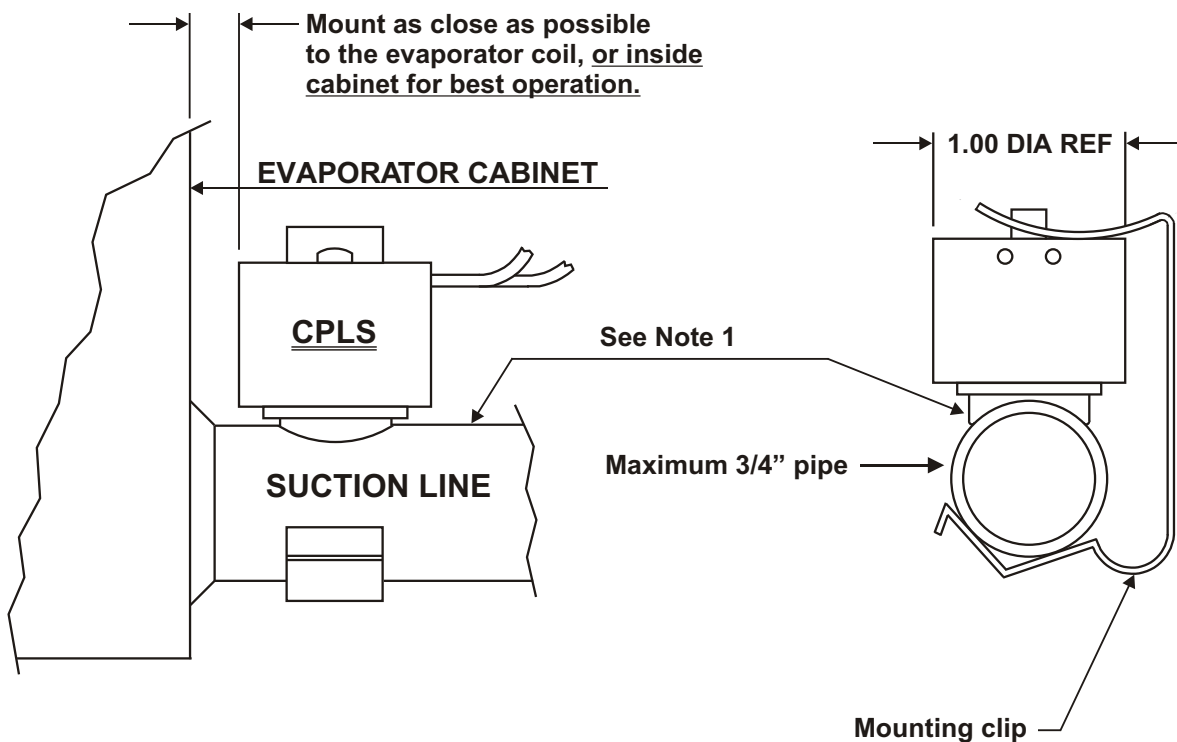


The Coil Protection Lock-out Switch, MODEL CPLS, is a temperature sensing control, used to act as a safety against Evaporator Coil freeze up. It is designed to mount on the surface of 3/4" suction lines. Electrically, it is wired in series with the "Y" lead from the thermostat or zone control panel, to the compressor contactor coil or relay. The switch breaks (opens) shutting off the compressor when the temperature of the pipe drops below 40°F. The switch will auto-reset (close), when the temperature of the pipe rises above 50°F, allowing the compressor to operate.



Note 1: The curved surface of the sensor must be attached directly and securely to the outside surface of the pipe. Mount the CPLS at the top or side of the pipe, NOT at the bottom. **DO NOT** exceed the recommended pipe size. The curvature of the CPLS is designed to match a 3/4" OD pipe. Larger diameter pipe may not allow good contact with the CPLS sensing surface. **For best results**, mount the CPLS inside the evaporator cabinet, after the evaporator manifold, on the suction line **before** it exits the cabinet.

Note 2: Insulate the CPLS and any exposed pipe with foam or cork insulating tape. Ambient temperatures will affect the operation of the CPLS if not properly insulated. **DO NOT** mount on suction line at outdoor condensing unit.

\* Contact rating: 240VAC @ 5 Amp Max.  
 Break @ 40°F Auto-Reset @ 50°F  
 Tolerance + - 6°F

