

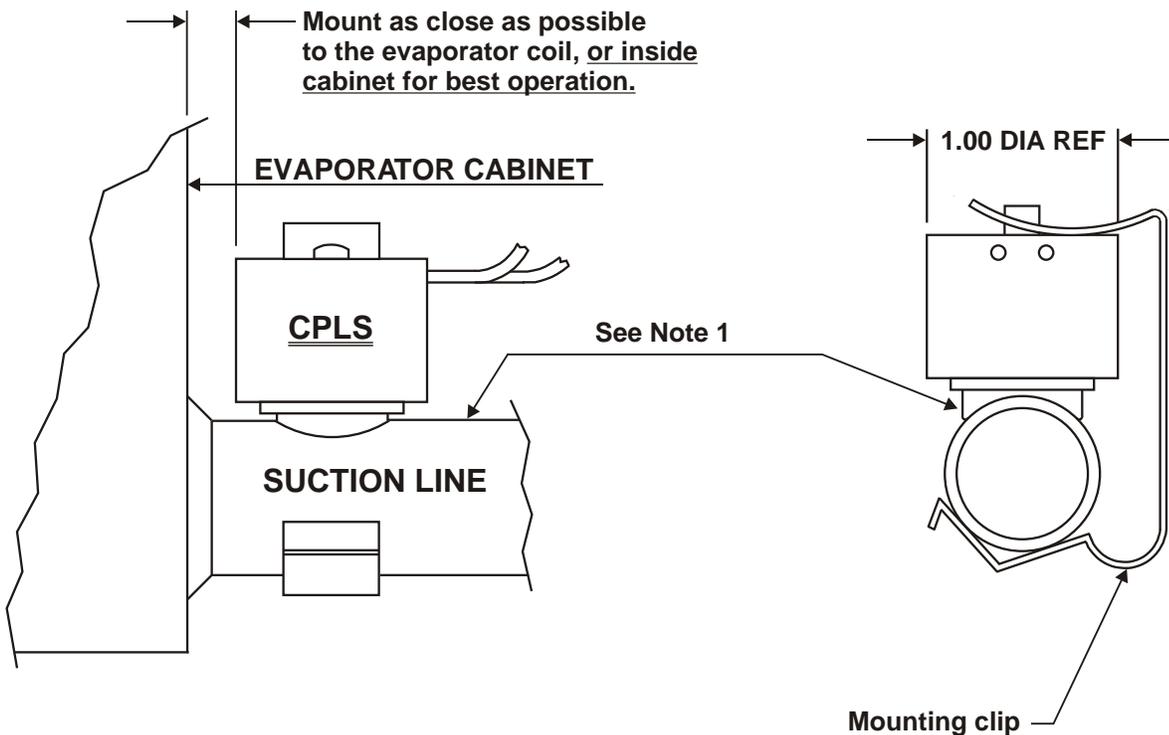
ULTRA-ZONE™

Forced Air Zone Controls

SUBMITTAL SHEET

Model CPLS

The Coil Protection Lockout 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 a 3/4" or 7/8" suction line. 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 37°F. The switch will reset (close), restarting the compressor when the temperature of the pipe rises above 47°F. EWC strongly recommends installing a compressor time delay relay when a CPLS control is used.



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 sides of the pipe, NOT at the bottom. DO NOT exceed the recommended pipe size. The curvature of the CPLS is designed to match a maximum 7/8" OD pipe. Larger diameter pipe will not allow good contact with the CPLS surface. *For best results*, mount the CPLS inside the evaporator cabinet, on the evaporator manifold or 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.

* Contact rating: 120VAC @ 15 Amp Max.
Break @ 37°F Reset @ 47°F

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