

Electric Condensate Drain cooler

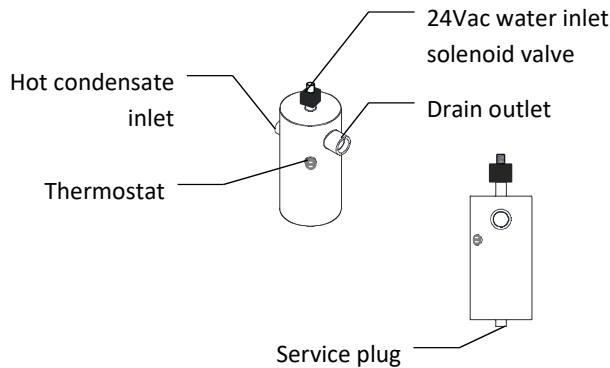


Figure 1 – CDCE Overview

Principle of operation

CDCE does collect the hot condensate through NPT 3/4in [DN19] side port, the pre-set thermostat will open water solenoid valve (24Vac) if condensate water is above 130°F (55°C), hot condensate and cold water will mix and drain from the opposite NPT 1in [DN25] side port.

The service plug located at the bottom of CDCE is used to fully drain the CDCE cylinder for cleaning.

Capacity: 5GPM [19l/min] of hot condensate cooled down to 140°F [60°C] or less.
(Conditions: entering water temperature 59°F [15°C] at 50PSI [350kPa])

Typical installation

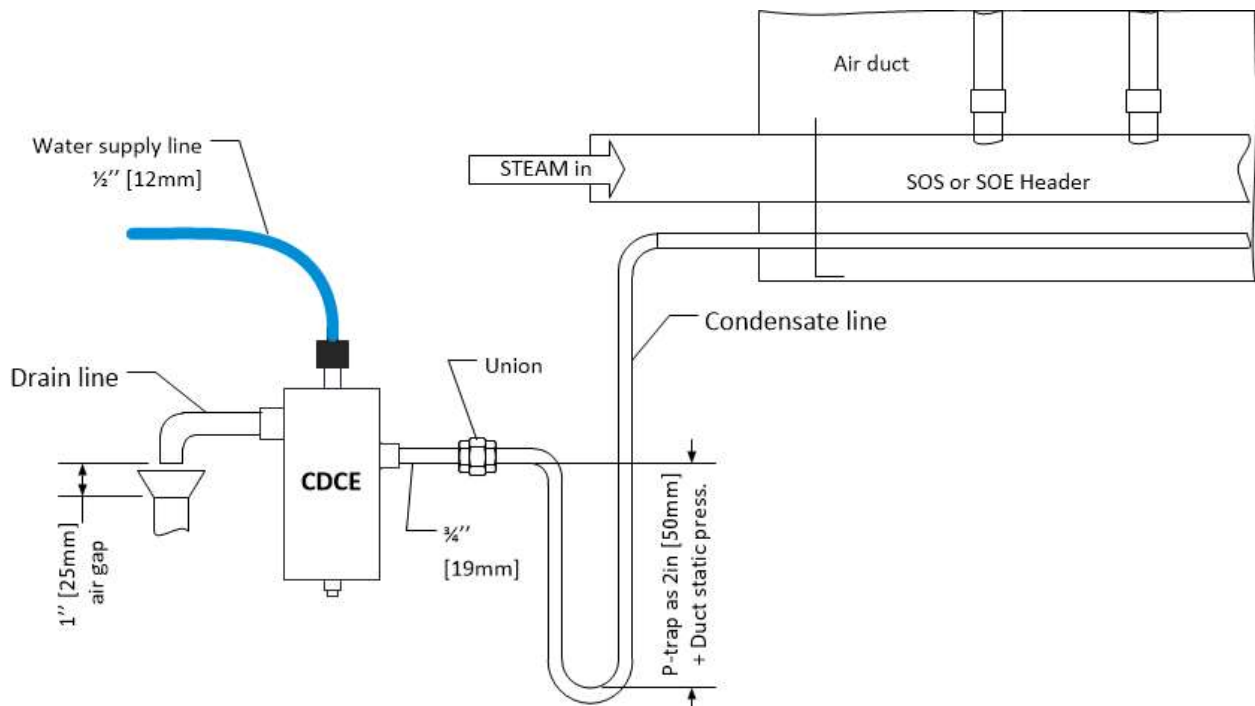


Figure 2 – Typical installation

CDCE Dimensions

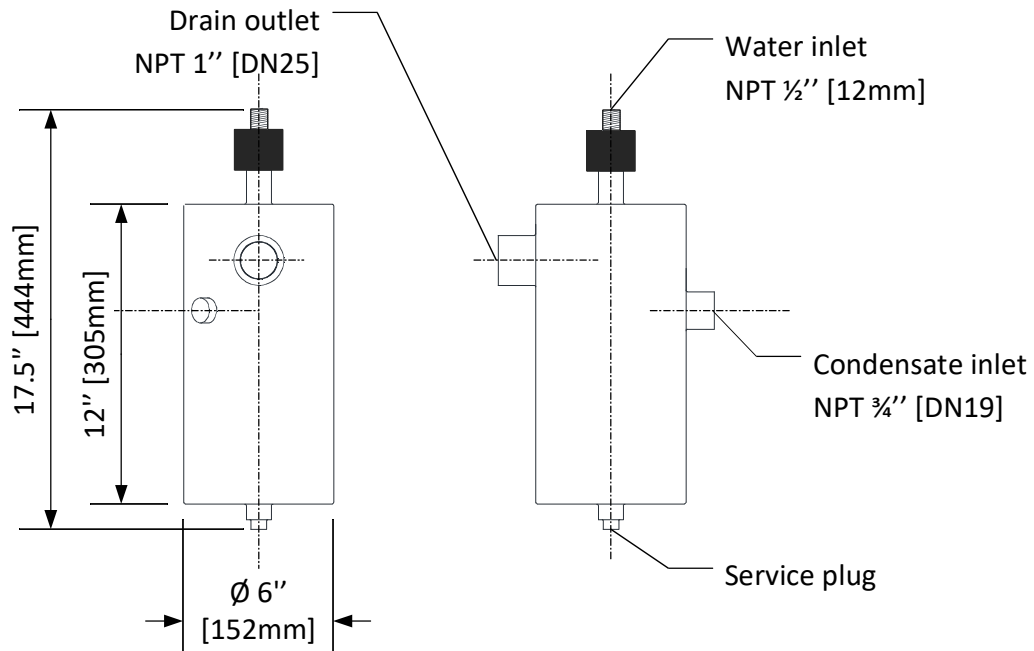


Figure 3 – CDCE Dimensions

Wiring diagram

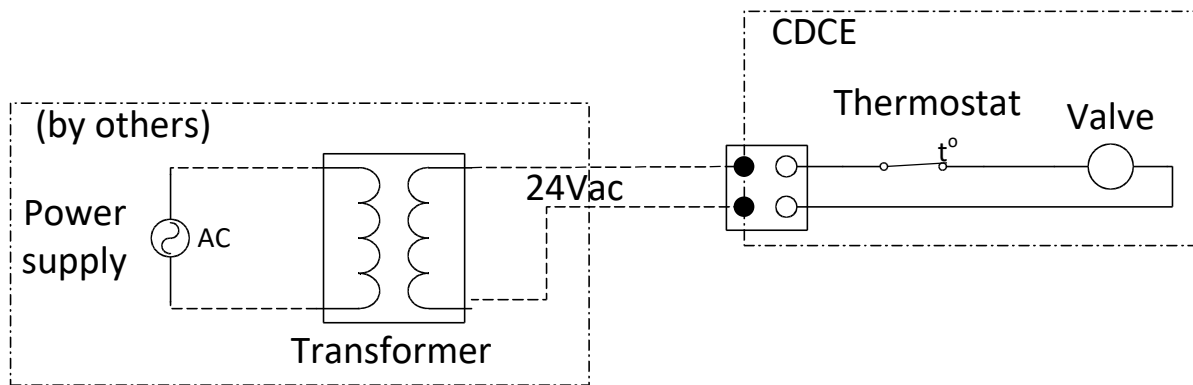


Figure 4 – Wiring diagram