

Remote Drain Condenser Upgrade

Sales Reference Numbers: PC/DRC/000 PC/DRC/001 PC/DRC/002

Theory:

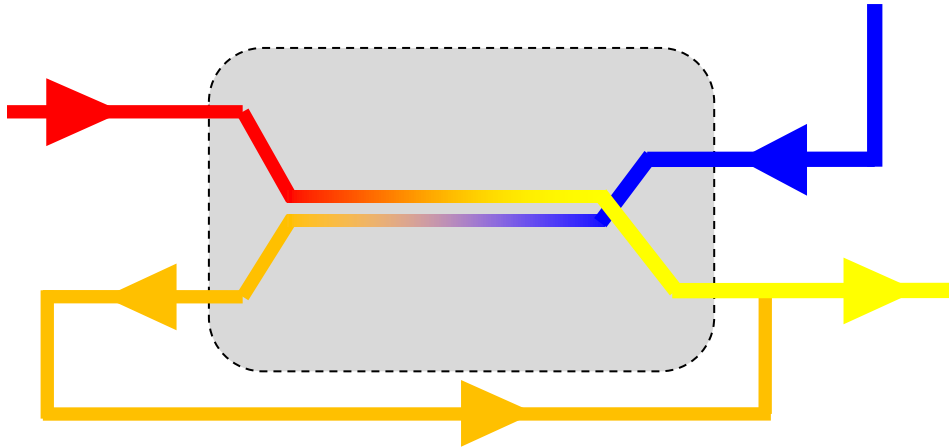


Image (floor mounted model):



Description:

The drain condenser (DRC) is connected to the main HOT Vent of the Autoclave and is intended to reduce the temperature of the exhaust vent of the autoclave. This is generally in the region of 30 degrees temperature reduction, but this will depend on the Autoclave size, load, cold water feed and water temperature.

It is fed from a standard Mains pressure cold water feed (customer supply).

The water supply through the DRC will be switched on when an internal thermostat recognizes exhaust gases in excess of 80 degrees (variable). A water valve will be opened to allow water to flow through the heat exchanger and thus reduce the temperature of the exhaust gases. This will aid the condensation of the gases to a liquid and offer protection to the drain system further down-stream of the DRC. Once the exhaust temperature from the Autoclave drops below the pre-set temperature, the water valve closes, switching OFF the water supply.

Connections Required:

	½" Condenser	¾" Condenser	1" Condenser
Part Number	PC/DRC/000	PC/DRC/001	PC/DRC/002
Cold Water Supply (from customer)	15mm	22mm	22mm
Vent (from Autoclave)	15mm	22mm	28mm
DRC Drain	15mm	22mm	28mm

Maintenance:

Yearly inspection required to ensure that there are no loose connections to the Thermostat bulb, associated pipe-work and electrical connections.