RED -- Pipe up a Shell and Tube counter-flow heat exchanger system with the unit mounted in a vertical position. Use steam on the tube side, and water on the shell side to obtain data that will allow you to compare your results with generally accepted correlations. Estimate bare pipe heat losses for comparison with the insulated system.

BLUE -- Pipe up a Double Pipe counter-flow heat exchanger system with the unit mounted in a vertical position. Use steam in the inner tube, and water in the annular space to obtain data that will allow you to compare your results with generally accepted correlations. Estimate bare pipe heat losses for comparison with the insulated system.

GREEN -- Pipe up a Shell and Tube counter-flow heat exchanger system with the unit mounted in a vertical position. Use water on the tube side, and steam on the shell side to obtain data that will allow you to compare your results with generally accepted correlations. Estimate bare pipe heat losses for comparison with the insulated system.

YELLOW -- Pipe up a Double Pipe counter-flow heat exchanger system with the unit mounted in a vertical position. Use water on the tube side, and steam on the shell side to obtain data that will allow you to compare your results with generally accepted correlations. Estimate bare pipe heat losses for comparison with the insulated system.

BLACK -- Pipe up a Double Pipe counter-flow heat exchanger system with the unit mounted in a vertical position. Use steam in the inner tube, and water in the annular space to obtain data that will allow you to compare your results with generally accepted correlations. Estimate bare pipe heat losses for comparison with the insulated system.

GOLD -- Pipe up a Shell and Tube counter-flow heat exchanger system with the unit mounted in a vertical position. Use water on the tube side, and steam on the shell side to obtain data that will allow you to compare your results with generally accepted correlations. Estimate bare pipe heat losses for comparison with the insulated system.

ORANGE -- Pipe up a Double Pipe counter-flow heat exchanger system with the unit mounted in a vertical position. Use water on the tube side, and steam on the shell side to obtain data that will allow you to compare your results with generally accepted correlations. Estimate bare pipe heat losses for comparison with the insulated system.

GRAY -- Pipe up a Shell and Tube counter-flow heat exchanger system with the unit mounted in a vertical position. Use water on the tube side, and steam on the shell side to obtain data that will allow you to compare your results with generally accepted correlations. Estimate bare pipe heat losses for comparison with the insulated system.