

Experiment(s):

1. Verification of Clasius-Clapeyron equation
2. Determination of specific enthalpy

(For more details, procedure & manual visit: www.kamaljeeth.net)

Reference : Lab Experiments Journal vol-11, No.3, Page-194

Experiment setup consists:

- a) Pressure vessel
- b) Heater
- c) Thermometer

Specifications:

a) Pressure vessel
Pressure cooker with pressure gauge and provision for thermometer

Max pressure: 2 bar
Safety valve: Yes
Capacity: 3 L
Maximum pressure: 2 bar

b) Heater

Hot plate: Flat coil heater
Rated Input: 220 V/50 Hz
or 110 V/60 Hz
Power: 1.5 KW

c) Thermometer

Type: Digital, Probe type
Range: 300 °C
Resolution: 0.1 °C



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