

**Product Name :**  
Domestic Refrigerator System

**Product Code :**  
RCTE0036



**Description :**

Domestic Refrigerator System

**Technical Specification :**

To study the Domestic Refrigerator System and determine its power consumption, COP, theoretical & actual refrigerating effects, refrigerant flow rate & effect of door opening on power consumption & also students can visualize automatic operation of unit using a thermostat and draw PH and T-S diagrams using different refrigerants:

- a) R134a (HFC)
- b) R152a (HFC)
- c) R290/R600a (50% / 50% by weight) [HC] or R600a and R290

