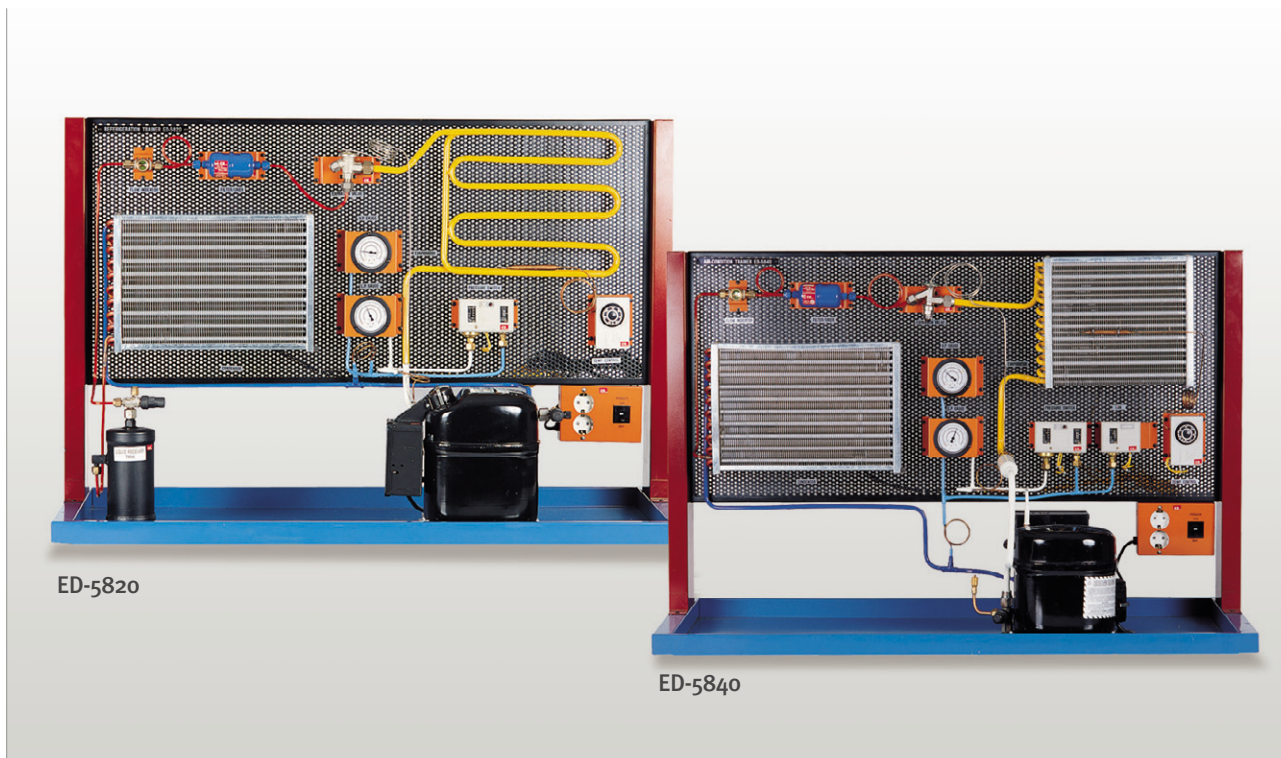


REFRIGERATION & AIR CONDITIONING DEMONSTRATOR

ED-5820 ED-5840

- Easy-to-use demonstrator for principles of refrigeration/airconditioning
- Motor Compressor : Pison type
- Trouble shooting for pipe leakage



> EXPERIMENTS

ED-5820(Refrigerator)

- Principle of refrigeration
- Refrigeration cycle & Morier diagram
- Understanding of refrigeration system
- Refrigerator Operation
- Refrigerant flow and Its state change
- Pipe leakage and refrigerant charge
- Trouble shooting

ED-5840(Air Conditioner)

- Principle of air conditioner
- Refrigerant cycle & Morier diagram
- Understanding of air conditioning system
- Air Conditioner operation
- Refrigerant flow and its state change
- Pipe leakage and refrigerant charge
- Trouble shooting

REFRIGERATION & AIR CONDITIONING DEMONSTRATOR

ED-5820 ED-5840

> SPECIFICATIONS

Classification	ED-5820	ED-5840
REFRIGERANT TYPE	Freon 22(R-22)	
COMPRESSOR	1/3 HP	
CONDENSOR	1,660 kcal/h	
SIGHT GLASS	PB35bar/80°C	
STRAINER/DRIER	3/8 inch	
EXPENSION VALVE	Thermostatic Expansion Valve: TEV	
EVAPORATOR	380 kcal/h	
PRESSURE GAUGE	High : 0~35kg/cm ² , Low : 0~15kg/cm ²	
LIGUID RECEIVER	1.2l(80% apply)	-
FRESSURE SWITCH(1)	High : 8~30kg/cm ² , Low : -0.5~2kg/cm ² Diff. : 50mmHg~6kg/cm ²	High : 8 ~ 30 kg/cm ² , Low : -0.5~6kg/cm ² Diff. : 1mmHg~4kg/cm ²
FRESSURE SWITCH(2)	-	Range : 5~30kg/cm ² Diff. : 1.5~10kg/cm ²

GENERAL CHARACTERISTICS

- POWER / FREQUENCY : AC 220V , 60Hz , single phase
- TEMP. CONTROL : -50°C~50°C
- DEMENSION : 1180(W) x 785(H) x 520(D)mm

ACCESSORIES

- Digital Temperature Meter : 1ea
- Operation Manual : 1ea

OPTIONS

- Service Manifold(with Gauge) : 1set
- Refrigerant Cylinder : 1ea