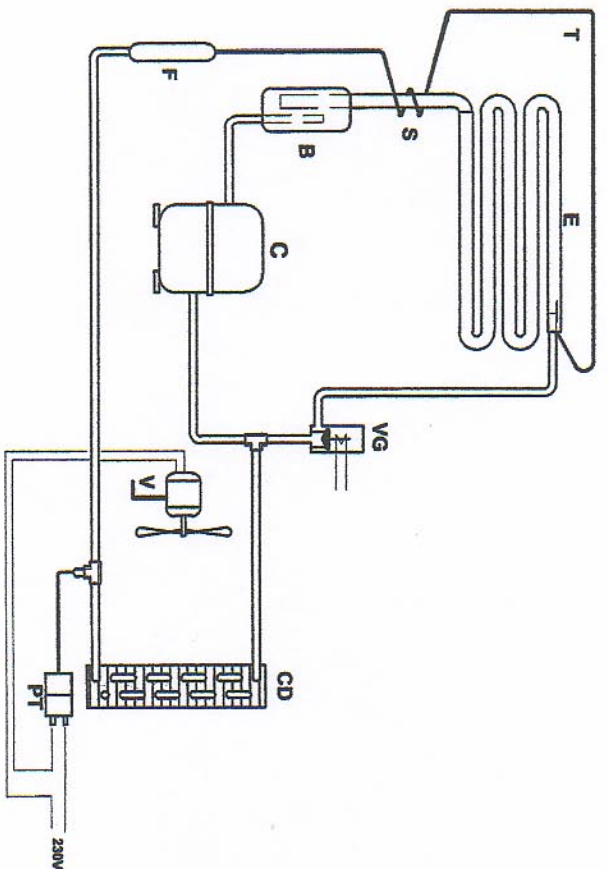
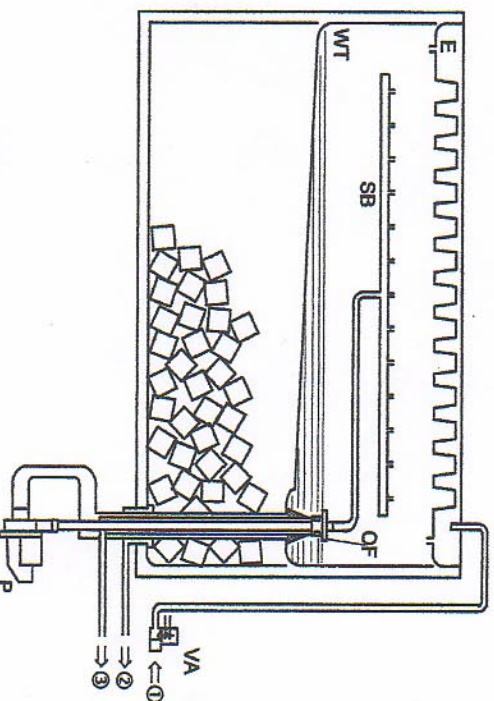


REFRIGERATION SYSTEM



WATER SYSTEM



WATER SYSTEM

A Freezing Cycle

1. The pump (P) takes water from the water tank (WT) through a suction pipe and sends it to the spray bar (SB).
2. The water sprayed by the nozzles reaches the cooled cups on evaporator (E). A quantity of water freezes and the excess falls into the water tank.
3. The water inlet valve (VA) is closed.

B Defrost Cycle (harvest)

1. The water inlet valve (VA) is open. Fresh water flows up on top of the evaporator, helping defrost.
2. From top of the evaporator, water falls back into water tank and refills it.
3. Excess water is discharged by an overflow control (OF).
4. The water pump is not working.

C Ice Storage Bin

1. Water from melted ice is drained separately, and does not re-enter the water system.