



The Plant uses ice can system. The cans filled with fresh wafer are kept in a tank in which brine is circulated. The brine is cooled by the refrigerant, which in turn cools the water in can and ice formation takes place.

#### SPECIFICATIONS:

1. Compressor : Kirioskar make hermetically sealed compressor using R 12 Refrigerant.
2. Condenser : 4 row type air cooled.
3. Expansion Valve : 0.5 TR capacity.
4. Evaporator : 1/2" O.D. copper tube - 75 feet long.
5. Filter – Drier : Silica gel filled - 3/8" flare connections.
6. Main Tank : 600 mm X 375 mm
7. Total Ice Cane Capacity : 7 Kg
8. Ice Making Capacity : 7 Kg / 4 Hours.
9. Thermocol insulation : 6.5"
10. Brine Stirrer : Motor driven fan, 1 phase, 1/10 HP, 1440.

#### INSTRUMENTATION:

1. Temperature Indicator : Digital Type 0300°C, with 1 °c least count, using Cr/Al thermocouples. Accuracy 1 % of full reading.
2. Compressor Energy Meter : Single Phase, 10 - 20 Amp. Capacity.
3. Pressure Gauge:
  - a) 0-21 Kg/cm<sup>2</sup>
  - b) -1 to 10.6 Kg/cm<sup>2</sup>
  - c) Both of 65 mm dial.
4. Digital Thermometer

#### CONTROLS:

1. HP/LP Cutout : Auto reset type.
2. Thermostat : Auto reset type.

A technical manual accompanies the unit.

#### SERVICES REQUIRED:

1. Floor Area - 2m. X 1.5m. X 1.5m. Height.
2. 220 V., 15 Amp. Single Phase Stabilized power supply

Note: Specifications are subject to change.

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