



**Product Code . JL-RAACL-10087**

## Ice Plant Trainer

### Description

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#### Ice Plant Trainer

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.Thermocool insulation : 6.5"

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10.Brine Stirrer : Motor driven fan, 1 phase, 1/10 HP, 1440.

**Instrumentation:-**

1.Temperature Indicator : Digital Type 0-300°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

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