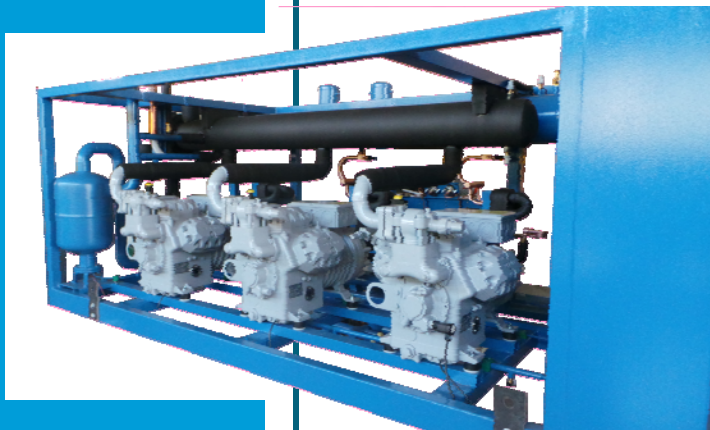


bi freezer



New Technologies in refrigeration

REFRIGERATION UNITS

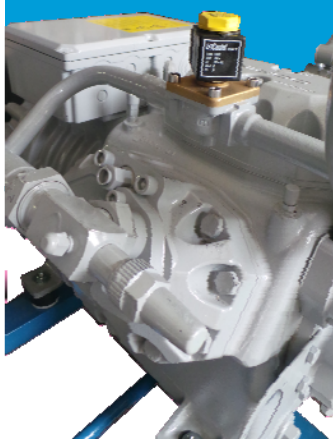


Frame with compressors and electric switchboard



Electric switchboard

- Designed with Energy saving and performance improvement concepts always in mind, this units are capable to run with about 25% less energy than usual systems
- 3 x 30 Hp each — double stage compressors with automatic intermediate gas temperature regulation (20 tons/day ice production)
- Liquid separator in the suction line with exchanger for heat recover
- Part winding start with discharge bypass valve to reduce peak currents. Useful if driven by generators
- Air condenser, tropicalized and sea corrosion protected, high capacity
- Designed for tropical environments, suitable for temperatures up to 45 °C and unstable electrical power lines
- Pre cooling water chiller (optional) to improve production rate up to 12% more
- Widely dimensioned electric switchboard, ventilated
- Compressors can be excluded to gradually reduce production
- Alarms and functional lights on panel. Easy to operate, no special skills required
- Emergency stops for the scraper on front panel
- Timed Start/Stop cycle for ice production to avoid damages
- If needed, machine can be equipped with various brand compressors (Frascold, Dorin, Bitzer, Carrier)
- Electrical and mechanical standard devices for easy repair and spare parts procurement



Bypass valve on start

Dimensions: 140 x 300 x 190h cm.
Weight: 1300 Kg
Refrigeration capacity: 100 KW @ -30/+50
Electric Power Requirements: 400V-3-N-G, 100 KW
Environment temperature: up to 45 °C
Air Condenser: 4 x 800 mm d. fans, 340 KW
Compressors: 3 x 30 Hp, double stage



Alarm and control pressure switches