



EZ ICE box 30TR up to 500TR

EZ to install
EZ to operate
EZ to maintain



Your self-contained refrigeration system!

- Our care and attention to detail in the design phase maximizes the performance of the equipment, allowing for easy access, saving you money in maintenance and service.
- Drop in replacement for your existing refrigeration system.
 - It can free up space in your building. Turn your existing mechanical room into a storage room!
- Can be used for new installations!

Standard features:

- The 'EZ ICE box' is available in multiple tonnages, sizes and layouts.
- The EZ ICE BOX adheres to the latest local mechanical codes for refrigeration mechanical rooms.
- Skids are custom designed to meet the requirements of your facility.
- The orientation and layout are carefully planned to allow for simple piping connections to your existing facility.
- Pre-engineered steel buildings are available in 6 standard colours with options to choose from an additional 10 more colours.





- The building is designed to maximize space required for maintenance of the equipment.



- Layout allows for easy access to operate and maintain equipment.



- The EZ ICE box package has two access points into the building. Standard layouts are designed with one set of double doors for service requirements, plus a single man door.

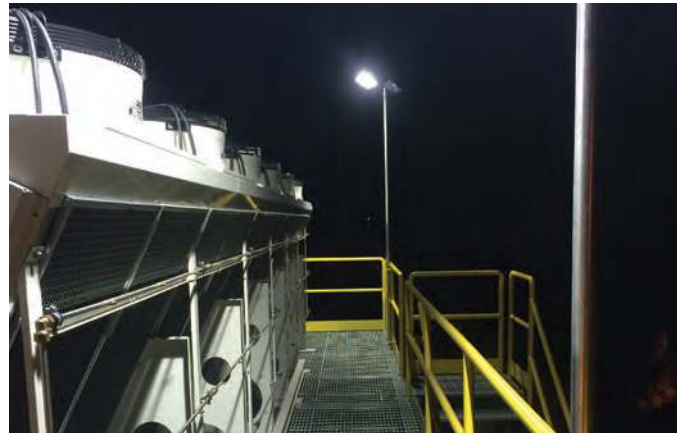


- The bottom of the structural steel base is insulated with 3" spray foam insulation.



- A 10 KW electric industrial heater maintains a minimum 55° F (13° C) room temperature.

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- Ample lighting is provided inside and outside the building.



- Single point connection for 3 phase power.
- Motor Control Centre (MCC) panel c/w disconnect in building.
- Pre-wired MCC panels are standard with 'soft starts' on the compressor motors.
- Soft starts can be installed on the brine pump motors as an optional item.
- Variable speed drives can also be installed on the condenser fan motor as an optional item.
- All motors are completely wired within the building.



- Refrigerant detection system is provided. An LED NH3 detector with digital readout wired in the building with a remote sensor mounted on the ceiling.
 - Building package comes complete with audible and visual alarms.
- Ventilation for heat dissipation and refrigerant detection is provided.
- Exhaust fans are interlocked with the detection system and a room thermostat is mounted within the building for temperature control. Fresh air louvers mounted opposite to the exhaust fans to ensure adequate air circulation and ventilation.

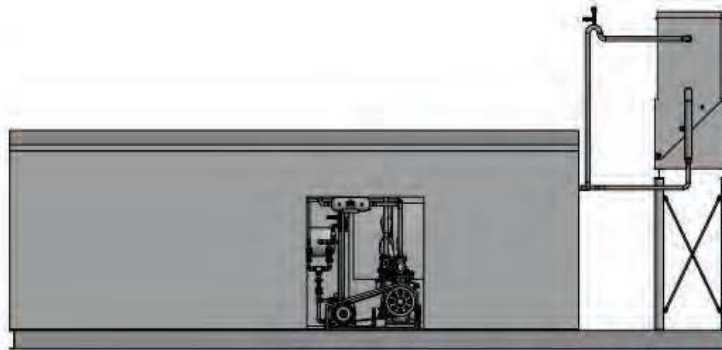
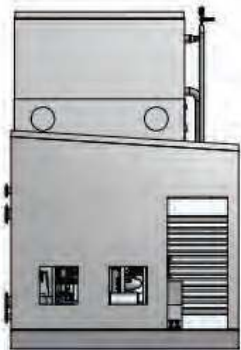


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Additional options that make the EZ ICE box even more beneficial:

- Package is designed with an internal polyethylene condenser water tank and pump, complete with an overflow off the tank to a floor drain when an evaporative condenser is included with package.
- Brine pumps are installed on a sturdy base with a 'catch all' around the sides to funnel the condensation off the pump and direct it to the single-point drain.
- The brine pump couplings are covered with sturdy steel guards, with quick release rubber tie downs.
- Skid buildings are pre-wired and ready for a single point connection to the source power. The package includes an MCC panel for the refrigeration unit, a transformer for single-phase power, and sub panels for interior lights, fans and controls.



SKID SPECIFICATIONS

Skid Dimensions*	8' to 16' Wide x 20' to 50' Long x 10' to 16' High
Shipping Weight**	25,000 lbs to 120,000 lbs

* Skid Dimensions will be confirmed on approved drawings.
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ELECTRICAL SPECIFICATIONS

Supply Voltage	575 - 460 - 240V / 3Ph / 60 Hz
Building Heater	10KW - 575V / 3Ph / 60 Hz
Sub Panel	50 to 100 Amp - 230V / 3Ph / 60 Hz

PERFORMANCE SPECIFICATIONS

System Tonnage	30TR to 500 TR
Primary Refrigerant	R-717 Ammonia (NH3) or Freon
Secondary Refrigerant	21% CaCl2 - Calcium Chloride or Ethylene or Propylene Glycol
Chiller	Shell & Tube or Plate & Frame
Pumps	Armstrong
Condenser	Evaporative, Shell & Tube or Plate & Frame