



CONTAINERIZED ICE MAKER SYSTEM (CIMS) Frequently Asked Questions

What power connection is required for CIMS to operate?

- Standard 15kW generator or shore power.

Does the CIMS unit come with its own power cable?

- Yes, it comes with a power cable fitted with a standard 100 Amp Class L connector for connecting directly to the CIMS.

When using standard 15kW generator as the power source, how much fuel does the CIMS require per full day (24 hours) of ice production?

- 22 gallons for diesel or 26 gallons for JP8 generator average fuel usage per 24 hours.

What type of water source can be used with the CIMS?

- A potable water source is required either from a facilities' water line or from a deployed asset such as a Water Buffalo or via a filtration system generating potable water. The connection to the CIMS is a 3/4" NH-F hose bib, which is equivalent to a standard garden hose.

Does the potable water have to be delivered from a pressurized system?

- The CIMS unit does not require water from a pressurized system. Once the water connection is made and turned on, the CIMS unit will sense water pressure, and turn on an internal supply pump to pump the water into the system, if necessary.

Does the potable water have to be delivered at a specific temperature?

- CIMS is capable of supporting 40°F to 90°F inlet water with no degradation in its ice production capacity. Higher water temperatures result in reduced production capacity.

What is the purpose of the 4 water filters within CIMS?

- These filters are in place to help soften the water in the event hard water is being delivered from the potable water source so that the water will taste better.
- These filters will also filter out potential particles from the hose connections delivering the water from the potable water source to the CIMS.

When should the 4 water filters within CIMS be replaced?

- CIMS Maintenance information and procedures describe how to check for filter status.
- The CIMS 4 water filters are designed for use and disposal, on average 6 months, similar to household filter systems. Obviously, this is dependent on the quality of the potable water source.

How much water does the CIMS require per full day (24 hours) of ice production?

- Water usage is on average 4000 lbs. or 500 gallons when running 24 hours.

How many ice bags will come with CIMS?

- Approximately 10,000 bags (one-month supply, if CIMS operates 24/7 the entire month).

Where can replacement bags be purchased?

- Additional bags are available via a separate part number and are sold by the case. A case contains 1080 bags packed on 9 wickets of 120 bags per wicket. The CIMS production is 1200 lbs. (120 bags) per 8-hour period, therefore the bags are packed in quantities of 120 per wicket and the wickets are used to load the bags into the CIMS.
- Customers are advised not attempt to source the bags from third parties due to the fact that the size, materials, and properties of the bags and CIMS have been engineered in concert.

Replacement parts?

- CIMS will be delivered with complete spare parts list along with Operator's and Maintenance manual(s).