

CONTAINERIZED ICE MAKING SYSTEM (CIMS)

Ice Production in Any Environment



The HDT Containerized Ice Making System (CIMS) is a tricon-style, expeditionary-grade military containerized ice plant that makes 3,600 pounds (1632.9 kg) of ice per day at 120°F (48.9°C) ambient conditions. Built to operate in extreme environments, CIMS only requires water and power to make ice. The system generates ice, then bags the ice, seals the bags, and stores 30 to 60 ten-pound (4.5 kg) bags internally.

The CIMS is ideal for battlefield kitchen and medical applications for all services, as well as humanitarian aid and disaster relief efforts.

KEY FEATURES

- Generates 3,600 pounds (1632.9 kg) of ice per day at 120°F (48.9°C) ambient temperature
- Fully automated system makes ice, bags the ice, seals the bags, stores the bags internally and stops when full
- Transportable by five-ton and larger trucks, ship, rail, and aircraft (both fixed and rotary wing)
- Moveable with standard material handling equipment
- Supports Army Force Provider, Air Force Basic Expeditionary Airfield Resources (BEAR), field feeding and medical elements for all services, humanitarian aid, and disaster relief efforts
- Operates with bladder or tank water – no pressurized water system needed
- Water-saver feature reduces water consumption by over 400 gallons per day over traditional 3,600 lb ice makers
- Human-Machine-Interface (HMI) panel assists in operation and maintenance



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Specifications		
HDT part number	202K2000-1	
NSN	N/A	
On GSA Contract	N/A	
Refrigerant	R-404A and R-410A	
Power	Requires a 15 kW generator or equivalent shore power	
Voltage (V/Phase/Hz)	208V, 3-phase, 60 Hz	
Ice Production	3,600 lbs / day	1,632.9 kg / day
Water Usage	480-560 gallons / day	1,817-2,120 liters / day
Storage		
Lbs / kg	600 lbs of ice	272 kg of ice
Bags – 10 lb (4.5 kg) bags		
Stacked	60	
Unstacked	30	
Environmental		
Ambient Temperature	-20 to 120°F	-29 to 48.9°C
Water Temperature	90°F max	32°C max
MIL-STD-810; rain, dust, ice		
Physical Characteristics		
L x W x H	6.5' x 8' x 8'	1.99 x 2.45 x 2.45 m
Tare Weight	6,200 lbs	2,812 kg
Operating and Maintenance Supplies		
Water Filter Kit	HDT p/n: H025560	
Bag Magazine Kit (4 magazines per box / 1,000 total bags)	HDT p/n: H025561	

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design. Please contact Customer Service at 800.969.8527 for the most up-to-date product information.



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