

Cool solutions to thermal problems.

Rocky
Research

COMMERCIAL | INDUSTRIAL | DEFENSE

CIM03600

Containerized Ice Maker System (CIMS)

Up to 3,600 lbs. of ice daily

Automatic Bagging &
Sealing

Stores up to 1,200 lbs. of
bagged ice

10 lbs. bags of ice

Operates in up to 130°F
environment

Energy Efficient
Minimal operator input

Easy Setup

Easy Access

Easy Maintenance

Self-Purging Mode

ICE® Technology



Utilizing Rocky Research's patented refrigeration technologies the **CIM03600** offers a highly reliable ice production, bagging, and storage system ready to address the rigors of harsh military environments.

Completely packaged within an ISO Tricon container and transportable by standard means. The **CIM03600** is easily setup by simply connecting to standard military 15kW generator or shore power and potable water. Designed to operate in high ambient temperatures up to 130°F the **CIM03600** is capable of supporting 40° to 90° inlet water with no degradation in its capacity. The **CIM03600** is able to produce up to 3600 pounds of sealed 10-pound bags of ice per day with the capacity to store up to 1200 pounds of bagged ice within the container.

The **CIM03600** requires minimal operator input while offering easy access and maintenance features including a self-purging mode.

System Specifications

Frequency:	50/60 Hz
Voltage:	208/230 VAC
Phase:	3 Phase
Power Connection:	100 AMP Class L Connector
*Fuel Usage:	22 gal. diesel or 26 gal. JP8 per 24 operational hours
Refrigerant:	R407C
Max. Ambient Temperature:	130°F / 54.4°C
Water Temperature:	40°F to 90°F / 4.4°C to 32.2°C

Physical Specifications

Form Factor:	ISO Tricon Container
Dimensions:	6' 5.5" W x 8.0' H x 8.0' D / 1.99 x 2.45 x 2.45 m
Weight:	~8,500 lbs / 3855.5 kg
**Water Supply Connection:	¾" NH-F hose bib (standard garden hose)
Water Usage:	~500 gal / 1892.7 liters per 3,600 lbs of ice
Ice Storage:	production 1200 lbs / 544.3 kg

Environmental Specifications

Ambient Temperature (Hot):	MILSTD-810G, Method 505.5 (Procedures I)	✓	COMPLETED
Solar Radiation (watts/m ²):	MILSTD-810G, Method 505.5.1	✓	COMPLETED
Ambient Humidity (Hot):	MILSTD-810G, Method 507.5	✓	COMPLETED
Fungus:	MILSTD-810, Method 508.6	✓	COMPLETED
Salt Fog:	MILSTD-810G, Method 509.5	✓	COMPLETED
Blowing Dust & Sand:	MILSTD-810G, Method 510.5 (Procedures I & II)	✓	COMPLETED
Vibration:	MIL-STD-810G, Method 514.6	✓	COMPLETED
Shock:	MIL-STD-810, Methods 516.6 & 526 Rail Impact & Road March	✓	COMPLETED

*Average fuel usage when CIMS unit is powered by auxiliary 15kW generator.

**Water supply not required to be pressurized.