



NORDIC™ *Elite* MODULAR CUBED ICE MACHINES

CNM0830 SERIES

FEATURES



Unique Dual Exhaust

- All air-cooled models allow for top or side hot-air discharge for increased installation flexibility



Environmentally Responsible

- Exceeds 2018 Department of Energy regulations
- Up to 20% more efficient than previous Nordic models



Sanitation

- Automated cleaning cycle
- Dishwasher safe, food zone components
- Easy to clean, structural foam base is rust free



Components

- Easy-access, forward facing evaporators on all models
- Less inventory required for service providers
- Quicker response times

APPLICATIONS



Convenience & Gas



Restaurant



Lodging



Packaged Ice

SPECIFICATIONS

Model Number	Condenser Type	Daily Ice Production ^[1] per 24hrs		Electrical (V/Hz/Ph)	Energy ^{#[1]} Usage	Min Circuit	Fuse Size	Water Usage Potable ^[2]	Shipping Weight
		70°F Air / 50°F Water	90°F Air / 70°F Water						
CNM0830A*6A	Air	896 lbs	711 lbs	208-230/60/1	5.0 kWh	11.8 Amps	20.0 amps	19.0 gal	220 lbs
		406 kg	322 kg						100 kg
CNM0830R*6A	Remote	906 lbs	793 lbs	208-230/60/1	4.9 kWh	12.3 Amps	20.0 amps	19.0 gal	220 lbs
		411 kg	360 kg						100 kg
CNM0830R*5A	Air	922 lbs	726 lbs	220-240/50/1	4.73 kWh	10.8 Amps	16.0 amps	18.0 gal	220 lbs
		418 kg	329 kg						100 kg
CNM0830A*5A	Water	901 lbs	809 lbs	220-240/50/1	3.96 kWh	10.4 Amps	16.0 amps	18.0 gal	210 lbs
		409 kg	367 kg						96 kg

* Replace * with "F" for full cube and "H" for half cube

[1] Daily production assumes half cube models.

[2] Water usage in gallons per 100 lbs of ice produced at 90°F Air / 70°F Water.

#[1] kWh Used per 100 lbs of ice produced at 90°F Air / 70°F Water.

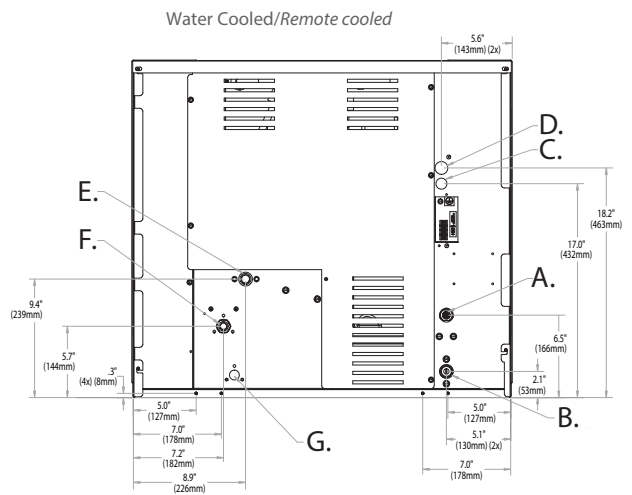
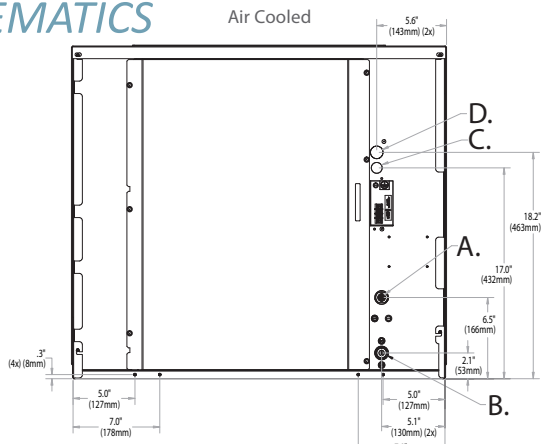
DISPENSER ADAPTER KITS

Dispenser Model	Adapter Kit	Adapter Kit Qty	Bin Thermostat	Bin Stat Qty
Flavor Fusion/Overload	629096954	1	Included in Adapter Kit	N/A
IDC 215/255	629096376	1	Included in Adapter Kit	N/A
Cold Fusion	629096828	1	Included in Adapter Kit	N/A

Remote Condenser

RCN1061	Required for CNM0630R
RT25	25' Line Set
RT50	50' Line Set
RT75	75' Line Set
620060081	Optional Grill Kit Field Installed

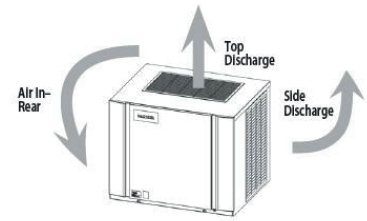
SCHEMATICS



Note: Air-cooled units required 6" (152 mm) clearance for air intake and exhaust.

A. Ice maker potable water in	3/8" FPT.
B. Ice maker water out	3/4" FPT.
C. Hole for electrical connection	7/8"
D. Electrical connection junction box	7/8"
E. Condenser water in (water cooled unit)	3/8" FPT.
E. Discharge line (remote cooled only)	1/2" male quick connect
F. Condenser water out (water cooled unit)	1/2" FPT.
G. Liquid line (remote cooled only)	3/8" male quick connect



UNIT DIMENSIONS :	
W x D x H (in)	30.25 x 24.25 x 26.9
W x D x H (mm)	768 x 616 x 683



OPERATING REQUIREMENTS

	Min	Max 60Hz	Max 50Hz
Ambient Air Temperature	50°F 10°C	100°F 38°C	110°F 43°C
Water Temperature	40°F 4.4°C	100°F 38°C	110°F 43°C
Water Pressure	20 psig 1.4 bar	80 psig 5.5 bar	

ADDITIONAL SPECS

Full Cube (W x D x H)	Half Cube (W x D x H)
.88 x .88 x .88 in	.38 x .88 x .88 in
2.2 x 2.2 x 2.2 cm	1.0 x 2.2 x 2.2 cm
	

OTHER ACCESSORIES

Bin Model	Adapter Kit
B530AP	Not Required
Hotel Dispenser	Adapter Kit
CHD30P1	Not Required

CROSS REFERENCE TO PRIOR MODELS

Legacy Nordic Model	Equivalent Nordic Elite Model
CIM0836FA	CNM0830AF6A
CIM0836HA	CNM0830AH6A
CIM0836FR	CNM0830RF6A
CIM0836HR	CNM0830RH6A
CIM0835FA	CNM0830AF5A
CIM0835HA	CNM0830AH5A
CIM0835FW	CNM0830WF5A
CIM0835HW	CNM0830WH5A

Water Usage ^[2] (Water cooled condenser only)	180.0 gal
Remote Condenser	RCN1061
Heat Rejection	8,600 BTU/hr

[2] Water usage in gallons per 100 lbs of ice produced at 90°F Air / 70°F Water.

Power cord wires	3 including ground
Refrigerant	R404a
Listings	      

WARRANTY

- 3 years - parts & limited labor
- 5 years compressor & evaporator parts
- See website for warranty details



© 2018 CORNELIUS CG5090-0718

IN THE U.S.A.
Ph: 800.238.3600
Fax: 800.258.0255

OUTSIDE THE U.S.A.
Ph: 763.488.8200
Email: webmaster@cornelius.com

101 Broadway Street West
Osseo, MN 55369
www.cornelius.com

For more information or to place an order, contact your sales representative or authorized distributor.