

CEE COMMERCIAL ICE-MAKERS INITIATIVE

High-efficiency specifications

(Terms of Usage below)

Equipment Type	Harvest Rate (100 lbs. ice/ 24 hrs)	Tier	Corresponding Base Specification	Maximum Daily Energy Consumption (kWh per 100 lbs. Ice)	Maximum Daily Condenser Water Use (gallons per 100 lbs. ice)
Ice-Making Head Water Cooled	<500 lbs./day	1	Approximately FEMP*	7.80 - .0055H	200 - .022H
		2	20% below Tier 1	6.24 - .0044H	200 - .022H
	≥500 lbs./day	1	Approximately FEMP*	5.58 - .0011H	200 - .022H
		2	20% below Tier 1	4.46 - .0009H	200 - .022H
Ice-Making Head Air Cooled	<450 lbs./day	1	Approximately FEMP*	10.26 - .0086H	Not Applicable
		2	20% below Tier 1	8.21 - .0069H	Not Applicable
	≥450 lbs./day	1	Approximately FEMP*	6.89 - .0011H	Not Applicable
		2	20% below Tier 1	5.51 - .0009H	Not Applicable
Remote-Condensing Air Cooled	<1000 lbs./day	1	Approximately FEMP*	8.85 - .0038H	Not Applicable
		2	20% below Tier 1	7.08 - .0030H	Not Applicable
	≥1000 lbs./day	1	Approximately FEMP*	5.10	Not Applicable
		2	20% below Tier 1	4.08	Not Applicable
Self-Contained Water Cooled	<200 lbs./day	1	Approximately FEMP*	11.40 - .0190H	191 - .0315H
		2	20% below Tier 1	9.12 - .0152H	191 - .0315H
	≥200 lbs./day	1	Approximately FEMP*	7.60	191 - .0315H
		2	20% below Tier 1	6.08	191 - .0315H
Self-Contained Air Cooled	<175 lbs./day	1	Approximately FEMP*	18.0 - .0469H	Not Applicable
		2	20% below Tier 1	14.4 - .0375H	Not Applicable
	≥175 lbs./day	1	Approximately FEMP*	9.80	Not Applicable
		2	20% below Tier 1	7.84	Not Applicable

*Federal Energy Management Program specification

H = Ice Harvest Rate (lbs./ 24 hours)
ASHRAE Standard 29-1988 (RA 99)

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