

SUBJECT: PEARL ICE® /WATER DISPENSER

Number: 11-03
Product: Compressed Ice
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From: Technical Service

Ice-O-Matic has announced the release of the Pearl/GEMD Series compressed ice maker/dispenser. The GEMD Series produces compressed ice in a ¼ inch diameter cylindrical configuration. A ¼ HP motor drives a gear reducer which rotates a solid stainless steel auger and pushes ice crystals up to the top of the stainless steel evaporator.

The ice is compressed through the divider and much of the extra water is squeezed out before it is discharged into the bin. Electronic eyes sense when ice is in the top of the discharge chute to turn the ice maker on and off automatically as the level of ice in the bin changes. Ice or water can be dispensed by infrared actuation. The GEMD Series can be counter top mounted or placed on the available stands.

Listed below are the specifications for the GEMD Series.



Model Number	GEMD520Air	GEMD525Air	GEMD540Air	GEMD790Air
Cabinet Dimensions (WxDxH) Inches or <i>mm</i>	26x22.5x41	660x572x1041	26x22.5x48.5	35.2x29.25x45.8
Voltage	115/60/1	230/50/1	115/60/1	115/60/1
Minimum Amps	19.3	11.5	19.3	18.1
Fuse	25	15	25	25
<u>Specific Charge Information</u>				
R404 Refrigerant	24 Ounces	24 Ounces	24 Ounces	32 Ounces
<u>Pressure Settings</u>				
Low Side Pressure (+/-2)	38 PSIG	38 PSIG	38 PSIG	38 PSIG
Discharge Pressure	240-340 PSIG	240-340 PSIG	240-340 PSIG	240-340 PSIG
High Pressure Cut Out (auto-reset)	450 PSIG	450PSIG	450PSIG	450PSIG
Low Pressure Cut Out (auto-reset)	15 PSIG	15 PSIG	15 PSIG	15 PSIG
<u>Stand</u>	GDS5	GDS5	GDS5	GDS7
<u>Water Filter System</u>	IFQ1	IFQ1	IFQ1	IFQ1
<u>Replacement Filter</u>	IOMQ	IOMQ	IOMQ	IOMQ
<u>Suggested Stocking Part Numbers</u>				
Water Seal	1011380-02	Water Level Sensor		1011447-122
Circuit Board		Touch Free Switch		1011447-54
115/60/1	1011447-59			
230/50/1	1011447-60			