

M673D Specifications

AC Output¹

5.0 kW	60 Hz, 1800 RPM, 1 Ph, 1.0 PF, 120 V/20.8 A, 120 V/41.6 A
4.5 kW	50 Hz, 1500 RPM, 1 Ph, 1.0 PF, 220 V/20.5 A

Voltage regulation ±5%

Larger L673 Engine

Type	Vertical inline 3 cylinder diesel
Displacement	41.1 in ³ (.676 ltr)
Bore/Stroke	2.54/2.52 in (67/64 mm)
HP @ 1800 RPM	9.25
Approx. fuel use @ full load ²	0.6 gph (2.4 lph)
@ half load ²	0.4 gph (1.4 lph)

Installation Data

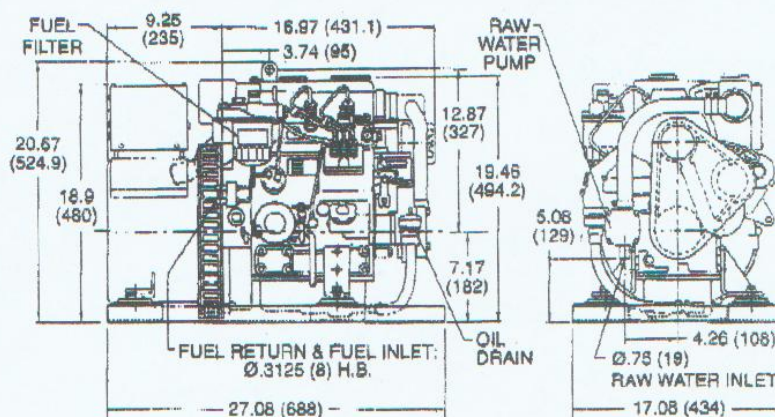
Wet exhaust elbow	1.5" (38 mm) OD
Raw water inlets	0.75" (20 mm) OD
Fuel inlet and return	.5/16" ID Hose

Weight

Approx. wet weight	382 lbs (164 kg)
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¹ Based on SAE J1995 and ISO 3046. ² Actual fuel consumption will vary depending on operating conditions.

Dimensional Data



Main dimensions given in inches (mm). Dimensions subject to change without notice.

M673D Features and Benefits

Engine Block

- Ligger, four cycle, 3 cylinder, liquid cooled, naturally aspirated, overhead valve diesel.
- Swirl combustion chambers improve fuel efficiency and reduce smoke.
- Glow plugs for quick, cold starting.

Cooling System

- Freshwater cooling system.
- One-piece heat exchanger, expansion tank and liquid cooled exhaust manifold. Fewer troublesome hoses and gaskets. Cast iron to resist corrosion and electrolysis.
- Zinc anode electrolysis protection.
- Heat exchanger cooling is standard. Tube-type heat exchanger has removable ends for easy cleaning. Jabsco seawater pump of brass and stainless steel is gear driven; no belts to break.
- Keel cooling configuration optional.

Fuel System

- Fuel system is self-venting.
- Injection pump with 5% mechanical governor for close AC frequency control.
- Pintle injectors with replaceable tips.
- Mechanical lift pump with hand primer. No electric pump to fail.
- Large spin-on fuel filter.
- Steel fuel lines.
- Stop solenoid controls the fuel rack, not throttle, to eliminate speed variance and linkage problems.

Intake and Exhaust

- Meets EPA Tier One emission requirements.
- Cleanable air cleaner in cast intake manifold reduces intake noise.

- 1-1/2 inch water lift muffler and exhaust water separator are optional.
- Cast iron, wet exhaust elbow for safety. Dry exhaust elbow is optional.

Lubrication System

- Full flow, spin-on oil filter with bypass.
- 3 qt. oil capacity for better lubrication and 200 hour oil change intervals.
- Oil drain for quick, clean oil changes.
- Closed crankcase vent system keeps engine room clean.

OD Electrical System

- 12 volt starter motor and battery charging alternator with integrated regulator. Belt guard.
- Standard panel: Remote mount S-1B has hour meter, stop-start switch with run light and preheat switch.
- Optional: Remote mount S-3C panel has gauges for oil pressure, water temperature, hours and DC volts. S-4 panel has engine gauges and AC meters.
- 20 foot plug-in panel harness lets you mount your panel anywhere onboard. Better than inaccessible unit mount panels that are prone to vibration problems. Harness extensions and Ys for multi-panel systems are available.
- Low oil pressure, high water temperature and high exhaust temperature safety shutdowns standard. Shutdowns and alarms for low oil level, low water level and overspeed are optional.



AC Generator

- Northern Lights direct coupled, 4 pole, revolving field, 4 lead reconnectable generator with Class H insulation and prelubricated bearing. Conservative 95°C/50°C ambient heat rise rating.
- External automatic voltage regulator gives you ±5% voltage regulation. This "clean" power protects sensitive electronic equipment. AVR powered by dedicated AC winding for improved motor starting.
- AVR and mainline circuit breakers protect generator from AC overloads and shorts.
- 30 Amp circuit breaker for AC system short circuit protection.

Special Equipment

- Stainless steel base frame with drip pan. Easy to mount. Keeps engine room clean.
- Four platform mounts isolate vibration.
- White polyurethane paint for long-life finish and service visibility.
- Operator's and parts manuals standard.

Sound Enclosure

Powder coated marine aluminum panels lined with barrier foam deaden noise yet allow easy service access.

Weight:
51 lbs (23 kg).
L 28.52 (724) x W 18.64 (474) x H 21.26 (540).



Dealer.



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