

MACERATOR PUMPS

Model No. : TMC-06205

PRODUCT FEATURE

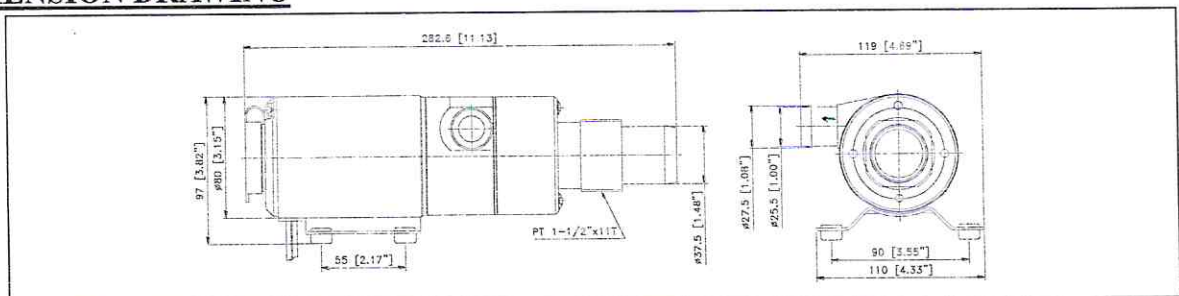
Specification:

| | | |
|---------------|--------|-----------------|
| MODEL NO. | | TMC-06205 |
| CAPACITY | | 700 GPH |
| AMP DRAW | 12 V | 12 A |
| | 24 V | 6 A |
| FUSE SIZE | 12 V | 20 A |
| | 24 V | 9 A |
| HOSE DIA | INLET | 1-1/2"(37.5 mm) |
| | OUTLET | 1"(25.5 mm) |
| DELIVERY HEAD | | 16 FT.(5 M) |
| Blade | | SUS |

Functions:

- The Product is a self-priming impeller pump with a s.s. dual blade rotary cutter inside that grinds and breaks up solids down to small particle size which minimizes clogging and helps to pump out through the discharge nozzle of the pump..
- The macerator cutter WILL NOT handle rags, hard objects or sanitary towels,etc.
- The Product is designed to pump into holding tanks or to empty holding tanks or waste tanks overboard depending on the macerator pump placement.
- Less water is required for flushing if a macerator pump is installed on the input side of the holding tank.
- The Product can require up to 10 or 15 amps of power and CANNOT be run dry.

DIMENSION DRAWING



INSTALLATION

- The pump may be mounted in any position using the four grommets to reduce vibration.
- The pump should be mounted as close as possible to tank for best performance.
- Switch should be near the pump to allow operator to hear change in pump sound when tank is mpty.
- The pump head should be directly downwards when pump is mounted vertically.

ELECTRICAL CONNECTIONS

- Do Not run the pump dry.
- Connect the red positive (+) and black negative (-) wires to a DC source.
- The positive (+) wire is supplied with a fuse holder and 20A fuse.
- Lead wires should terminate in a waterproof connector to be mounted high and dry to prevent electrolysis or shorting.
- The proper size fuse has been included in the fuse holder. Replace a blown fuse with the same size fuse.
- The impeller may stick and blow the fuse if the pump is idle for extended periods of time.
- To free the pump impeller, locate the center shaft in the motor end of the pump, insert a screwdriver into the slot and rotate the shaft a couple of times in each direction.

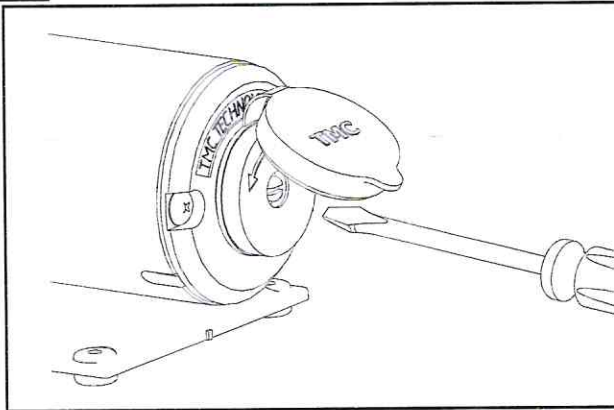
HOSE CONNECTIONS

- The pump is designed to have the intake with threads for 1-1/2" (37.5mm) pipe connections or direct connection to a flexible 1-1/2" hose; and the discharge outlet to be a standard 1" hose connection.
- All hose connections should be airtight to enable highest efficiency.
- Use hose clamps on all connections.
- Any air leak on inlet side can cause pump to run dry and can damage impeller and impeller housing.
- The suction hose should be reinforced to prevent collapsing or kinking.
- The discharge hose should be routed to allow a small portion of water to wet and lubricate the impeller.

MAINTENANCE

- Turn off all powers before any repairs or service.
- Periodically check mounting screws, hose fittings and wire connections.
- The impeller will wear after extended use and should be periodically replaced.
- Drain the pump chamber if temperatures are below freezing.
- Do Not pump solvents, thinners, or gasoline as impeller and motor damage may result.
- No warranty consideration will be given to pumps that are returned without the properly sized fuse and fuse holder supplied with the pump.

NOTE



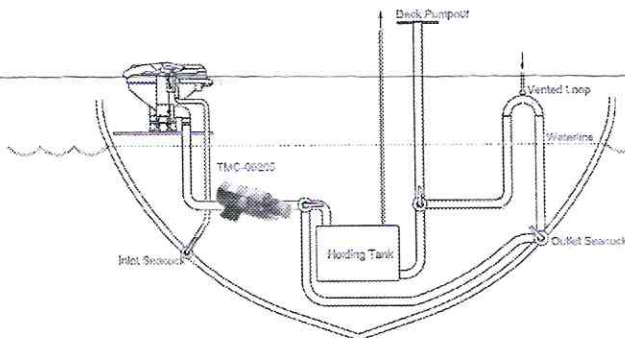
For proper operation, motor must rotate counterclockwise when viewed from pump end.

Maintenance Tip !

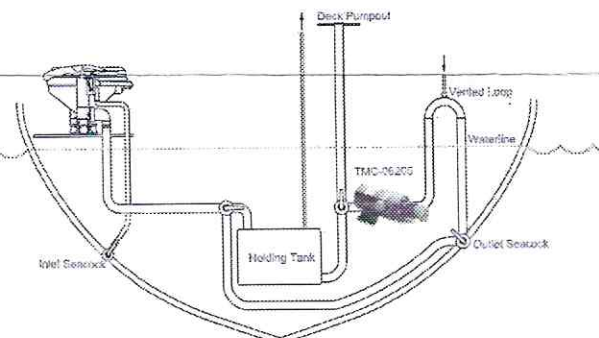
Loosen stuck impeller by turning motor shaft clockwise from rear with a flat-tipped screwdriver.

APPLICATION

BEFORE HOLDING TANK



AFTER HOLDING TANK



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