



BILGE PUMPS – T02 SERIES

TMC-02302、TMC-03302、TMC-03602、TMC-06601
TMC-03603、TMC-03611

- CE Certified
- ISO 8946 MARINE (Ignition Protection)
- ISO 8849 MARINE (Bilge Pump Standard)

PRODUCT FEATURE

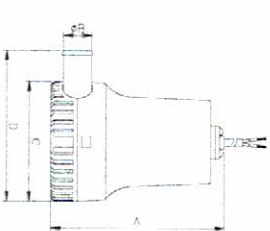
- Submersible bilge pump
- Permanent magnet motor
- DC-12V/24V available
- Corrosion resistant plastic housing
- Simple snap-off base strainer

SPECIFICATION

MODEL NO.	CAPACITY	CONSUMPTION		FUSE		0M / 0kpa		1M / 10kpa		2M / 20kpa		MAX. HEAD		HOSE DIA.	
		V	A	A	GPH	LPH	GPH	LPH	GPH	LPH	FT.	M	Inch	mm	
TMC-02302	400 GPH	12	3	4	400	1512	320	1211	240	908	12.5	3.8	5/8	16.2	
		24	1.8	2											
TMC-03302	600 GPH	12	4	5	600	2271	540	2044	420	1590	13.2	4	11/16	17.5	
		24	2.5	4											
TMC-03602	1400 GPH	12	7	10	1400	5298	980	3974	420	1324	9	2.7	1	26.5	
		24	3	4											
TMC-03603	1750 GPH	12	10	15	1750	6624	1400	5299	1000	3785	13.5	4.1	1	26.5	
		24	5	7											
TMC-03611	1850 GPH	12	10	15	1850	7002	1500	5678	1100	4164	13.5	4.1	1	26.5	
		24	5	7											
TMC-06601	2300 GPH	12	13	20	2300	8709	2000	7570	1600	6056	11.8	3.6	1-1/4	32	
		24	6	8											

■ Delivery volume GPH/LPH may vary by +/-10% depending on power source, hose type, and other variables.

DIMENSIONS



MODEL NO.	A		B		C		D	
	inch	mm	inch	mm	inch	mm	inch	mm
TMC-02302	5.3	134.5	0.77	19.5	3.19	81	4.04	102.5
TMC-03302	5.31	135	0.81	20.5	3.46	88	4.49	114
TMC-03602	6.48	164.5	1.16	29.5	4.74	120.5	5.68	144.3
TMC-03603	6.48	164.5	1.16	29.5	4.74	120.5	5.68	144.3
TMC-03611	6.48	164.5	1.16	29.5	4.74	120.5	5.68	144.3
TMC-06601	7.68	195	1.34	34	5.20	132	6.54	166

MOUNTING

- Pump should be installed in the deepest section of the bilge.
- To determine mounting base orientation place the pump with hose attached in deepest section of bilge and route hose in a manner which eliminates sharp bends and kinks.
- Remove strainer base from pump housing by depressing lock tabs.
- Secure strainer base in position with hardware provided.

ELECTRICAL

- Lead wires should not be shortened & wiring connections must be clear of the bilge and long pigtails are designed to assure dry connections.
- After connections are crimped they should be coated with sealant.
- Positive pump wire will be labeled and will connect to the positive (+) side of battery & negative pump wire connects to the negative (-) side of battery.
- Install the switch and fuse in the positive (+) wire.
- Install the recommended size fuse or breaker between the pump and switch.
- Proper wiring polarity is critical (Positive lead to positive terminal and negative lead to negative terminal). Improper polarity will cause the pump to run backwards, not run or damage the motor and will void the warranty.

HOSE AND THRU-HULL CONNECTIONS

- Use flexible non-collapsible hose of the I.D. (inside diameter) indicated.
- Avoid sharp turns or bends in the hose.
- Stainless steel hose clamps should be used to secure the hose at the pump and thru-hull fittings.
- Locate the thru hull fitting high enough so that water cannot enter the hull at any time during the use of the boat.

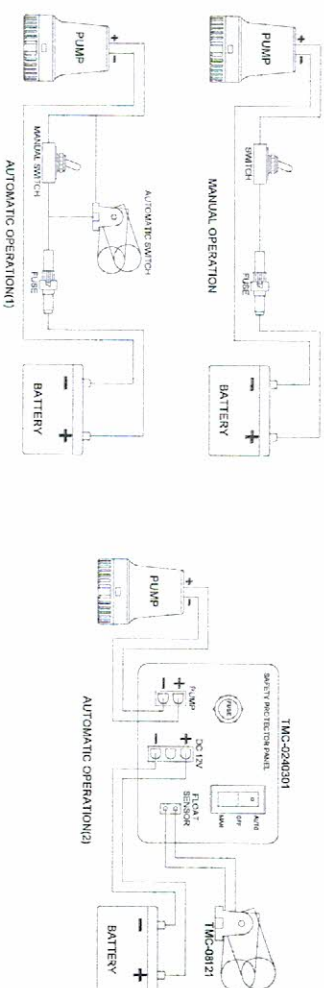
MAINTENANCE

- Pump maintenance includes periodic pump removal from the bilge to remove debris from the strainer /base.
- Pump housing can be removed from the strainer / base by depressing lock tabs and lifting up on the housing.
- The effects of shock and vibration may cause the pump to loosen or hose clamps to loosen, they should be checked periodically.
- Wiring should be checked for breaks in the insulation and corrosion at the connections.

CAUTION

- Improper installation, operation or maintenance will invalidate the limited warranty applicable to this product.
- TMC pumps are designed to operate with impeller submerged in water.
- Extended periods of dry operation may damage pump and also invalidate the warranty.

WIRING DIAGRAM



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