

## WATER PRESSURE PUMP MODEL NO. TMC-36501/TMC-36511

• CE Certified

### PRODUCT FEATURES :

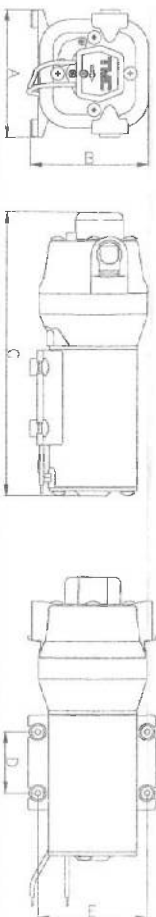
- 4-chamber diaphragm design
- Serve up to 3 - 4 outlets
- Smooth constant flow
- Built-in check valve to prevent backflow
- Snap-in port fittings 1/2" (13mm) included
- Permanent magnet motor in DC-12V/24V
- Built-in thermal overload protection
- Self-priming & can be run dry

### SPECIFICATION :

MODEL NO.	CAPACITY	CONSUMPTION		FUSE		CUT-IN (ON)		CUT-OUT (OFF)		PORT DIA.	
		V	A	A	A	psi	bar	psi	bar	inch	mm
TMC-36501	16.3LPM (4.3GPM)	12	6	15	20	1.4	40	2.8	1/2"	13	13
TMC-36511	11LPM (2.9GPM)	12	4	10	20	1.4	40	2.8	1/2"	13	13
		24	2	5	20	1.4	40	2.8	1/2"	13	13

◆ Delivery volume LPM/GPM may vary by +/-10% depending on power source, hose type, and other variables.

### DIMENSIONS :

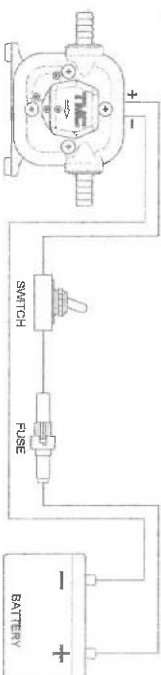


MODEL NO.	A		B		C		D		E	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
TMC-36501	4.17	106	3.84	97.4	9.26	235.2	1.99	50.6	3.57	90.6
TMC-36511	4.17	106	3.84	97.4	9.03	229.4	1.99	50.6	3.57	90.6

### 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.

### WIRING DIAGRAM :



### INSTALLATION :

Fig.1

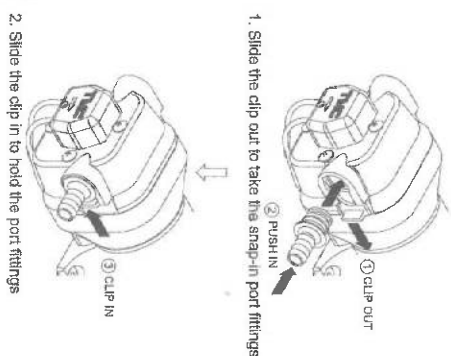
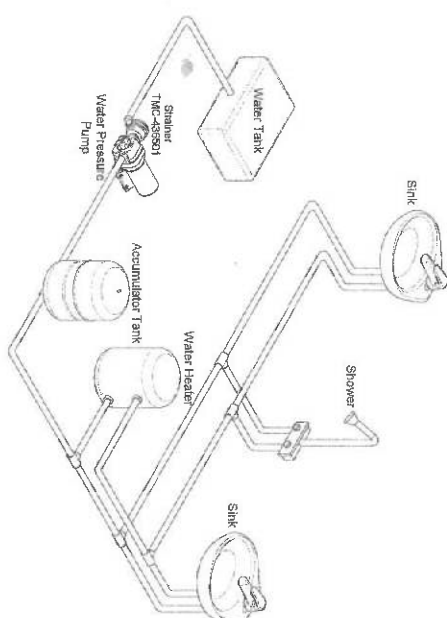


Fig.2 Installation illustration



- The pump can be mounted horizontally or vertically. Keep pump-head down while mounted vertically.
- Locate the pump on a solid surface in dry and well ventilate condition.
- Do not over press the rubber grommets while securing the mounting screws or it may reduce vibration absorbing ability.
- Use flexible water hose of 1/2" (13mm) ID.
- Use clamps to secure all hoses connections to prevent air leak.
- Use pump strainer between pump and tank to keep debris out of system.

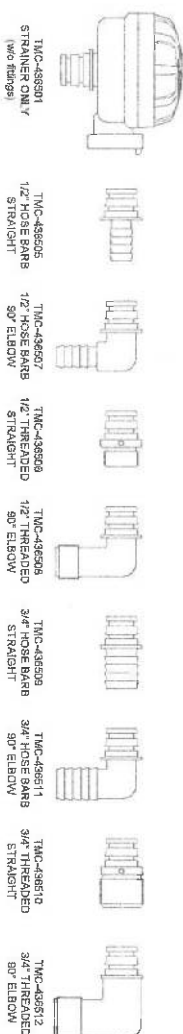
### HOSE CONNECTIONS :

- Use flexible non-collapsible hose of the I.D. (inside diameter) indicated.
- Avoid sharp turns or bends in the hose.

### CAUTION :

- Improper installation, operation or maintenance will invalidate the limited warranty applicable to this product.
- This product is not designed for continuous operation purpose. It is for intermittent duty only.
- Motor case may get hot. Do not contact long during operation.

### ACCESSORY OPTIONS - Strainer & Snap - In Port Fittings :



TMC TECHNOLOGY CORP.  
No. 726, Jieh Shou Rd., Sec. 2, Pa Teh City, Taoyuan, Taiwan, R.O.C.  
E-mail: sales1@tmcint.com Website: www.tmcint.com