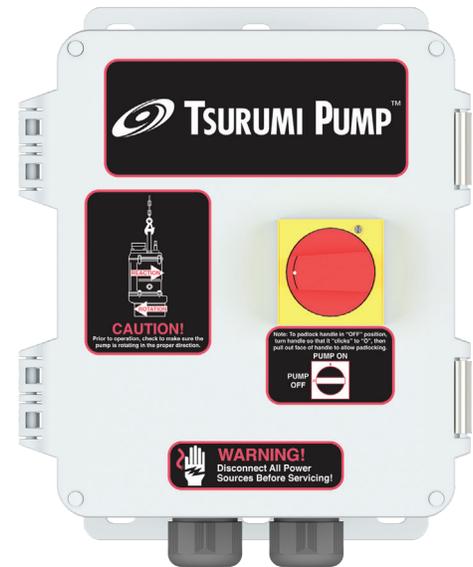


DESCRIPTION OF OPERATION

The 50 Series control panels are designed for manual operation of pumps in dewatering applications. Turning the door mounted selector switch to the 'ON' position will activate the pump. Turning the selector switch to the 'OFF' position will deactivate the pump.

STANDARD FEATURES

- UL listed control panels used for manual dewatering applications
- Multi-voltage, 208/230/460/575 VAC (operates all pump voltages)
- Heavy duty and padlockable NEMA 4X thermoplastic enclosure
- Heavy duty on/off pump switch
- Motor Protective Switch (MPS) - provides disconnect, short circuit, and adjustable overload protection
- Heavy duty watertight cable connectors for pump and power - quick installation
- Labeled/numbered field wiring terminals
- Thermal label schematic affixed to inner door
- UL 508 listed for USA and Canada

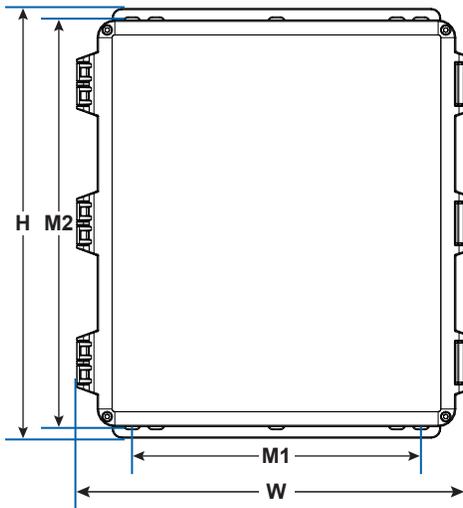


*50 Series panels are designed for use with pumps with circle thermal motor protectors that do NOT require switching in the panel. If your pump has miniature motor protectors that require thermal cutoff in the panel, see the 91 Series panels.

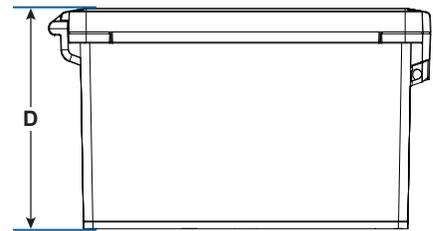
SPECIFICATIONS

(Exterior Enclosure Dimension in Inches) (Cable Grip Diameter Range in Inches)

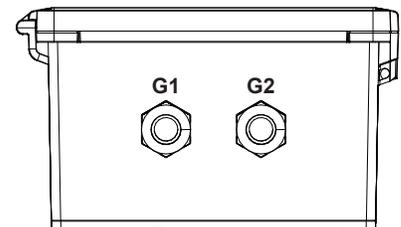
MODEL NUMBER	VOLTAGE	AMPERAGE	W	H	D	M1	M2	G1	G2
5000	208/230/460/575	2.5 - 4.0	10.03	11.85	7.27	6.00	10.75	0.43 - 0.83	0.43 - 0.83
5001	208/230/460/575	4.0 - 6.3	10.03	11.85	7.27	6.00	10.75	0.43 - 0.83	0.43 - 0.83
5002	208/230/460/575	6.0 - 10.0	10.03	11.85	7.27	6.00	10.75	0.43 - 0.83	0.43 - 0.83
5003	208/230/460/575	9.0 - 14.0	10.03	11.85	7.27	6.00	10.75	0.43 - 0.83	0.43 - 0.83
5004	208/230/460/575	17.0 - 23.0	10.03	11.85	7.27	6.00	10.75	0.51 - 1.02	0.51 - 1.02
5005	208/230/460/575	24.0 - 32.0	10.03	11.85	7.27	6.00	10.75	0.71 - 1.26	0.71 - 1.26
5006	208/230/460/575	30.0 - 40.0	16.09	17.85	9.27	12.00	16.75	0.71 - 1.26	0.71 - 1.26
5007	208/230/460/575	37.0 - 50.0	16.09	17.85	9.27	12.00	16.75	0.71 - 1.26	0.71 - 1.26
5008	208/230/460/575	48.0 - 65.0	16.09	17.85	9.27	12.00	16.75	0.71 - 1.26	0.71 - 1.26
5009	208/230/460/575	1.6 - 2.5	10.03	11.85	7.27	6.00	10.75	0.43 - 0.83	0.43 - 0.83
5010	208/230/460/575	0.63 - 1.0	10.03	11.85	7.27	6.00	10.75	0.43 - 0.83	0.43 - 0.83
5012	208/230/460/575	13.0 - 18.0	10.03	11.85	7.27	6.00	10.75	0.43 - 0.83	0.43 - 0.83
5013	208/230/460/575	20.0 - 50.0	18.16	19.85	11.27	14.00	18.75	0.71 - 1.26	0.71 - 1.26
5014	208/230/460/575	40.0 - 80.0	18.16	19.85	11.27	14.00	18.75	0.71 - 1.26	0.71 - 1.26



FRONT VIEW



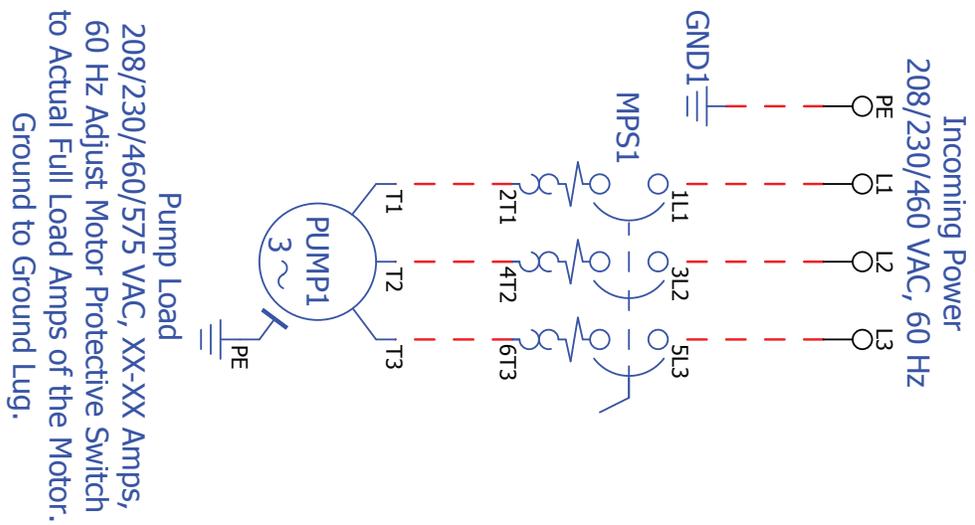
END VIEW



END VIEW - CABLE GRIPS

Branch Circuit Protection Device/Disconnect Means Field Provided -
 Size per manufacturing specifications for Pump/Motor

Legend		Field Wiring	Field Supplied
Device Tag	Description	---	---
GND1	Ground Lug	---	45 In-lb
MPS1	Motor Protection Switch XX-XX A	---	15 In-lb



CAUTION: Nonmetallic enclosure does not provide grounding between conduit connections. Use grounding bushings and jumper wires.

ATTENTION: Les boîtiers non-métalliques ne permettent pas de mise à la terre entre les connexions de conduits.

Utilisez des manchons de mise à la terre et des fils de liaison.

This drawing contains proprietary information which must not be duplicated, used, or disclosed in whole or in part without prior written consent.

Model Number **DWG** **Number** **Tsurumi 50 Series Schematic**

Quote Number

Drawn By **B. Nelson**
 Checked By
 Date
 Revision

Page Number
1 of 1

- Notes:
1. WARNING Electrical Shock Hazard Disconnect power before servicing this product. A qualified service person must install and service this product according to applicable electrical and plumbing codes.
 2. Install in accordance with National Electric Code, NFPA 70, Seal all boxes, fittings, and conduit with appropriate seal devices to prevent moisture and gasses from entering enclosure.
 3. Connect all grounds to a good ground. 4. Dashed lines represent field wiring - Use minimum 60 deg C Copper Wire 5. Branch Circuit Protection Device/Disconnect Means Field Provided.

Schematic