

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

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ELECTRICAL ALTERNATOR CONTROL PANEL - FOR DUPLEX INSTALLATIONS

An Electrical Alternator is used on a Duplex pump application where automatic alternation of the pumps is desired for added protection in residential or commercial applications. With one pump operating to handle normal flow, a second pump becomes operational in the event the water level continues to rise. The built-in alarm system, a standard feature, can be connected to sound when the second pump becomes operational (3-float switch system) or independently (4-float switch system). All electrical systems must be installed by a qualified electrician and according to the National Electrical Code. (See Section 430-71 through 430-113, plus any others that apply.)

Control Panel Features:

- Hand-Off-Auto Toggle Switch for each pump.
- Green pump run pilot light for each pump.
- Alarm test and silence switches.
- Red pilot light (Nema 1 Only) and audible alarm with 83 to 85 decibel rating for a high water condition.
- Red Alarm Beacon included with Nema 4X enclosure.
- Auxiliary Dry Contact.
- High Water Alarm.
- On Single Phase - Circuit breaker for each pump.
- On Three Phase - Motor protective switch with overload protection.
- Magnetic starter for each pump.
- Alternating mechanism.
- Numbered terminal strip for connecting pumps and variable level float switches.
- Nema 1 - general purpose or Nema 4X - Watertight enclosures available.
- Integral auxiliary terminal board connections (dry contact) for remote alarm devices.
- 3 or 4 variable level float switch control operation.
- Three 20' float switches included with single phase panels.
- UL Listed.
- 2 Year Warranty
- The use of off-the-shelf components provide for relatively easy field maintenance and repair.
- Float switches not included with three phase panels (See FM0526).

CONTROL PANEL USED WITH SINGLE PHASE PUMPS

NEMA 1 ENCLOSURE WITH 20' FLOAT SWITCH			
Order No.	Dimensions H x W x D	Volts	Amp Range
10-1039	12" x 10" x 6"	115	7-15
10-1040	12" x 10" x 6"	115	15-20
10-0092*	12" x 10" x 6"	115/200/230	0-20

NEMA 4X ENCLOSURE WITH 20' FLOAT SWITCH			
Order No.	Dimensions H x W x D	Volts	Amp Range
10-1041	12" x 10" x 6"	115	7-15
10-1042	12" x 10" x 6"	115	15-20
10-1043	12" x 10" x 6"	115/200/230	0-7
10-1044	12" x 10" x 6"	115/200/230	7-15
10-1045	12" x 10" x 6"	115/200/230	15-20
10-1046	12" x 10" x 6"	115/200/230	20-30
10-0093*	12" x 10" x 6"	115/200/230	0-20

* Branch circuit protection provided by installing electrician.



Products may not be exactly as illustrated

NOTE: 600 and X600 Series single phase pumps require special panels that include start components. See Selection Guide FM0712 for correct panel selection.

NOTE: All variable level float switches in this section are mechanically activated and do not contain mercury.