

# SIM CONTROL PANELS

## Overview:

The SIM control panels will control a 120/208/240V single phase pump or a 208/240/480V three phase pump in dewatering, sewage and wastewater pumping applications. The simplex panels include integrated electronic control circuitry, an IEC motor contactor and two floats: pump on and pump off. The controls are housed in a NEMA 4X heavy duty polycarbonate enclosure convenient for field wiring.

## Features:

- UL listed for the United States and Canada
- Indoor/outdoor NEMA 4X panel enclosure: heavy duty polycarbonate with stainless steel lockable latches
- HOA switch for manual pump control and green LED pump run light
- Control board with power on and auto (HOA toggle position) LED indicators
- Very low standby power - less than 300mw
- Universal AC input - 120/208/240VAC with no jumpers or voltage configuring (single phase models)
- Standard package includes 20' float switches



## Applications:

- Sewage pump chambers
- Grinder pumps
- Sump pump basins
- Lift stations



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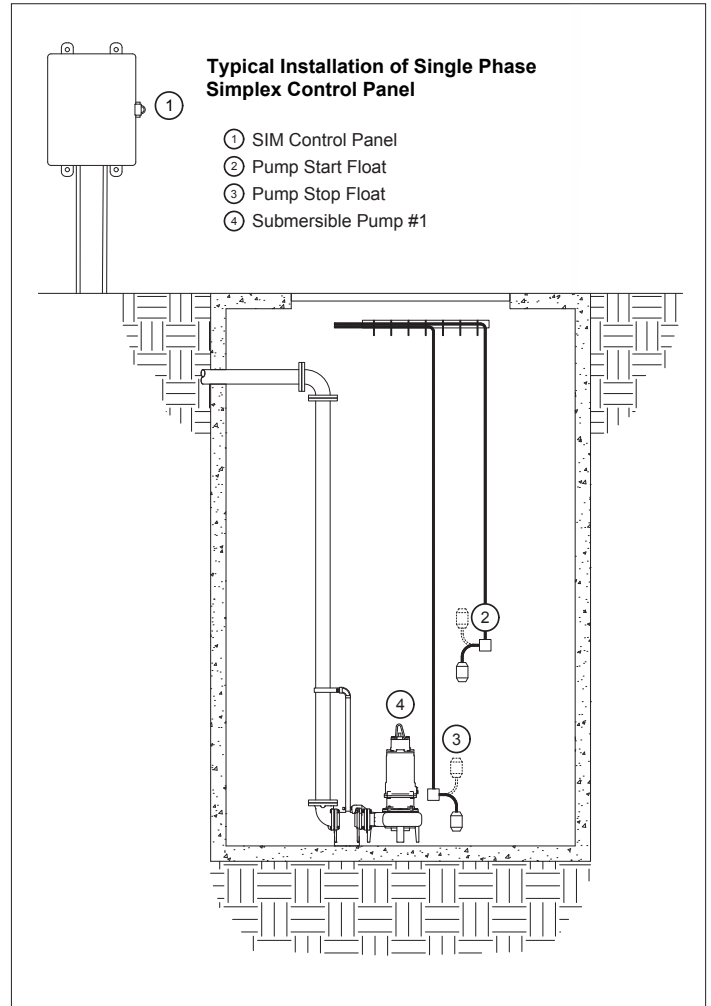
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## Simplex Single Phase: 120/208/240VAC

Models	Pump Full Load Amp Rating
SIM1-1	0-7.0 FLA
SIM1-2	7.0-15.0 FLA
SIM1-3	15.0-22.0 FLA

## Simplex Three Phase: 208/240/480VAC

Models	Pump Full Load Amp Rating
SIM3-1	1.0-1.6 FLA
SIM3-2	1.6-2.5 FLA
SIM3-3	2.5-4.0 FLA
SIM3-4	4.0-6.3 FLA
SIM3-5	6.0-10.0 FLA
SIM3-6	9.0-14.0 FLA
SIM3-7	13.0-18.0 FLA
SIM3-8	17.0-23.0 FLA
SIM3-9	20.0-25.0 FLA
SIM3-10	24.0-32.0 FLA



### Custom Options:

- S1 = Substitute two narrow angle floats for one wide angle float with 20' cord
- S2 = Substitute two narrow angle floats for Dial-a-Time pump switch with 20' cord
- S3 = No floats included
- ST = Upgraded enclosure (Stainless Steel)
- 6P = Upgraded enclosure (6P Rated)
- 28 = Power On Dry Contacts (Normally Open)

- 24 = Pump Exerciser
  - DG = Door mounted pump run indicator
  - DH = Door mounted HOA toggle switch
  - C = Additional cord length greater than 20': Specify after C.
- Example: (SIM1-3-C50) Indicates 50' cord length for all components

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