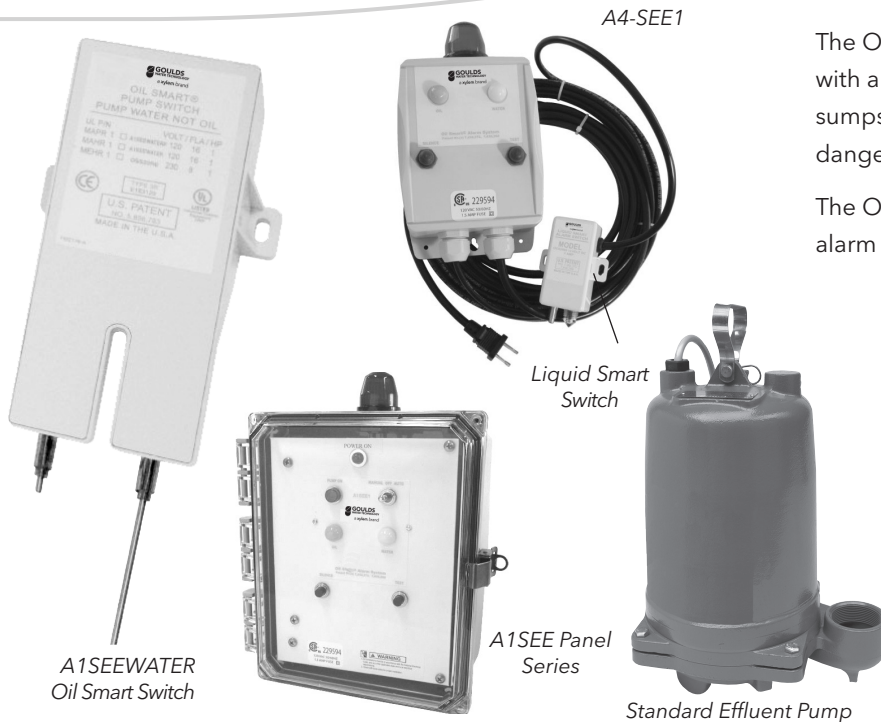


TECHNICAL BROCHURE

BCPELSPKT R11



A4-SEE1

Liquid Smart Switch

A1SEE Panel Series

Standard Effluent Pump

The Oil **Smart** Switch with panel or alarm, when combined with a pump, allows water to be pumped from Elevator sumps, leachate wells and transformer vaults without danger of pumping oil into sewers and waterways.

The Oil **Removal** System is an oil removal system providing alarm when oil is being pumped.

FEATURES

Protects environment from hazardous waste

The solid state device senses between oil and water

Panel and switch kitted with effluent single phase pumps.

Only operates pump if water is sensed by probes. Does not operate if oil is present in pit.

Oil Removal: Sensor differentiates between oil and water. Panel allows oil to be pumped.

Elevator Sump Kits and Components

OIL SMART® SWITCH

- Solid state sensing device that differentiates between oil and water
- Two sense points, Pump On and Pump Off, reduces the risk of pumping oil or other hydrocarbons into the environment
- Includes mounting hardware
- Pump On position is the shorter rod
- Pump Off position is the longer rod
- Pumping Differential: 6"
- Dimensions: 2.5" wide x 6" high (body less rods) x 1.75" deep.
- 20' cord
- Completely encapsulated and water-tight
- CE, UL 508, UL Marine and CUL Listings
- Exceeds U.S. Coast Guard Standards
- Complies with State and Federal regulations and reduces the risk of adverse publicity and expensive cleanup costs.

Part Number **A1SEEWATER**
A1SEEWATERP (with plug)



OIL SMART® ALARM

- Alarm leak or liquid detection
- 120V
- Includes Liquid Smart® Sensor
- Sensor differentiates between oil and water
- Alarm indication differentiates liquid
- Dry contacts

Part Number **A4-SEE1**



OIL SMART® SWITCH AND ALARM KIT

- Combines plug version of Oil Smart switch for direct pump connection with Oil Smart alarm
- Two sense points, Pump On and Pump Off, reduces the risk of pumping oil or other hydrocarbons into the environment
- Includes mounting hardware
- Pump On position is the shorter rod
- Pump Off position is the longer rod
- Pumping Differential: 6"
- Dimensions: 2.5" wide x 6" high (body less rods) x 1.75" deep.
- 20' cord
- Completely encapsulated and water-tight
- CE, UL 508, UL Marine and CUL Listings
- Includes Liquid Smart® Sensor
- Sensor differentiates between oil and water
- Alarm indication differentiates liquid
- Dry contacts

Part Number **A1SEEWATER1**

Includes:

- A1SEEWATERP
- A4-SEE1



SIMPLEX SINGLE PHASE PANEL KIT

- Simplex, 115 or 230 volt, 1Ø panel, up to 20 amps, in rugged NEMA 4X fiberglass enclosure with locking hasp and hinged door.
- Use with our model A1SEEWATER Oil Smart sensor to control a sump/effluent pump in areas where oil may be present.
- The sensor differentiates **between oil and water**. The panel and sensor will not allow the pump to operate unless water is present, eliminating environmental contamination and costly oil cleanups.
- High level alarm features a top mounted high intensity red alarm light with 360° visibility and a 95db corrosion resistant alarm horn.
- Terminal strip with connections
- Entire panel is UL and CUL Listed.
- Switch included (A1SEEWATER)
- Includes Liquid Smart switch

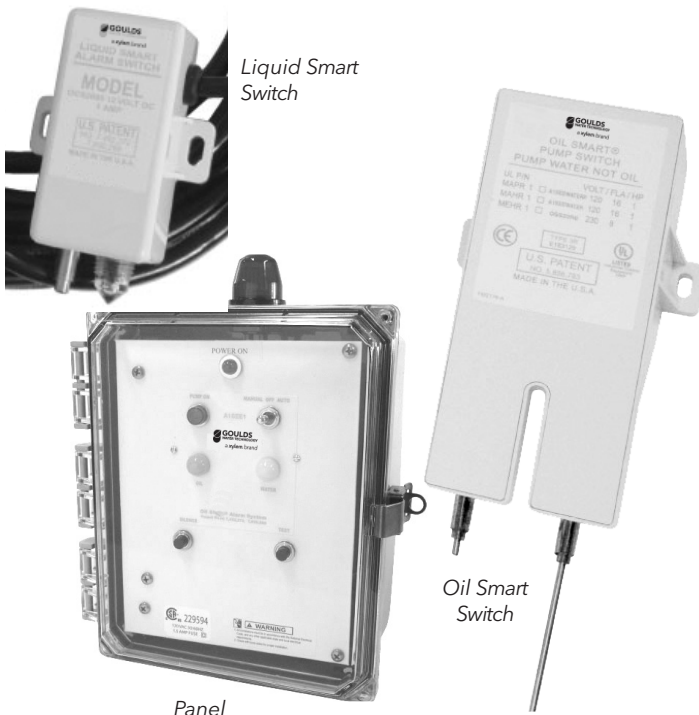
Part Number A1SEE1

Includes:

- Panel • Liquid Smart sensor • Oil Smart switch

Optional panels available on request for oil removal to separate chamber

- by operation of solenoid OR
- with two separate pumps



SIMPLEX SINGLE PHASE PANEL OIL REMOVAL KIT

- The sensor differentiates **between oil and water**. The panel will allow oil to be pumped to same chamber while sending alarm.

Part Number A1SEE2 (no valves used)

Part Number A1SEE5 (used with solenoids)

Includes:

- Panel • Liquid Smart sensor • Oil Smart switch

SIMPLEX THREE PHASE PANEL KIT

- Simplex, 3Ø panel in rugged NEMA 4X fiberglass enclosure with locking hasp. Multitap.

Part #	Voltage	Full Load Amps
A3SEE11016	208-240/460	1.0-1.6
A3SEE11625	208-240/460	1.6-2.5
A3SEE12540	208-240/460	2.5-4.0
A3SEE14063	208-240/460	4.0-6.3
A3SEE16010	208-240/460	6.0-10.0
A3SEE19014	208-240/460	9.0-14.0
A3SEE11318	208-240/460	13.0-18.0
A3SEE11723	208-240/460	17.0-23.0
A3SEE12025	208-240/460	20.0-25.0
A3SEE12432	208-240/460	24.0-32.0

Includes:

- Panel • Liquid Smart sensor • Oil Smart switch

SIMPLEX THREE PHASE PANEL OIL REMOVAL KIT

- The sensor differentiates **between oil and water**. The panel will allow oil to be pumped to same chamber while sending alarm signal. Multitap.

Part Number A3SEE2 - 208V / 230V / 480V (no valves used)

Part Number A3SEE7 - 208V / 230V / 480V (used with solenoids)

Includes:

- Panel • Liquid Smart sensor • Oil Smart switch

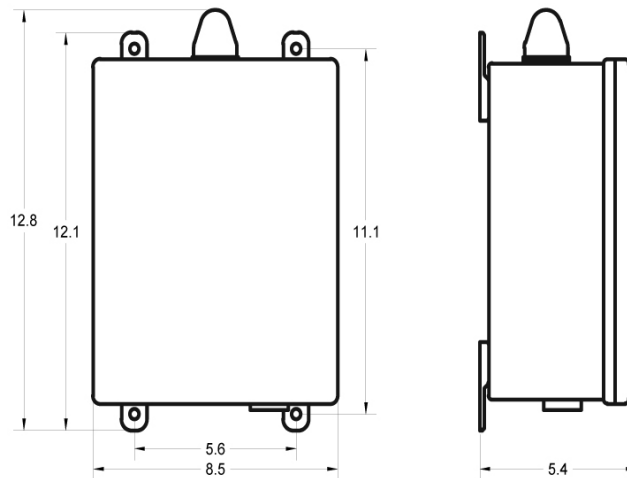
SOLENOID VALVES

(1) Closed	(1) Open	Required Each
Part #	Size	Open / Closed
95-16	1.5"	Closed
95-18	2"	Closed
95-17	1.5"	Open
95-19	2"	Open

PANEL LAYOUTS

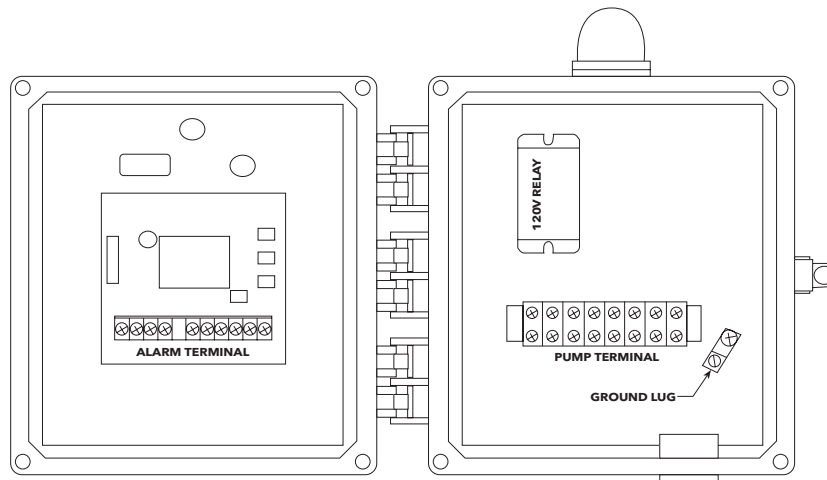
SIMPLEX SINGLE PHASE PANEL – A1SEE1

Enclosure Dimensions (in inches)

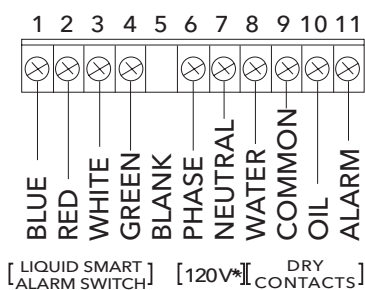


Wiring Diagram

INSIDE VIEW

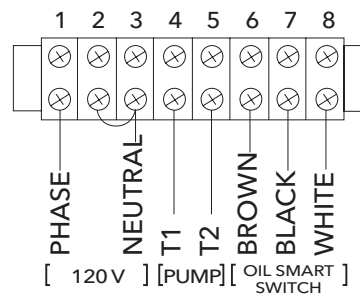


ALARM TERMINAL



* Hook up separate 120V supply here or jump from pump terminal 1 and 3 to alarm terminal 6 and 7 for power.

PUMP TERMINAL

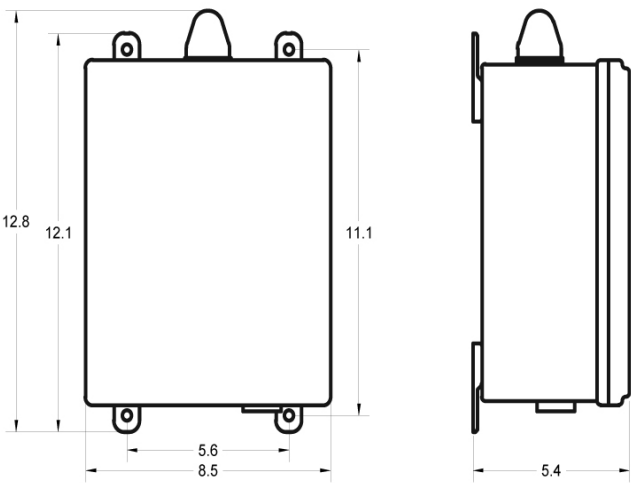


* For 240V, remove jumper and supply power to terminals 1 and 2, with neutral on 3.

PANEL LAYOUTS

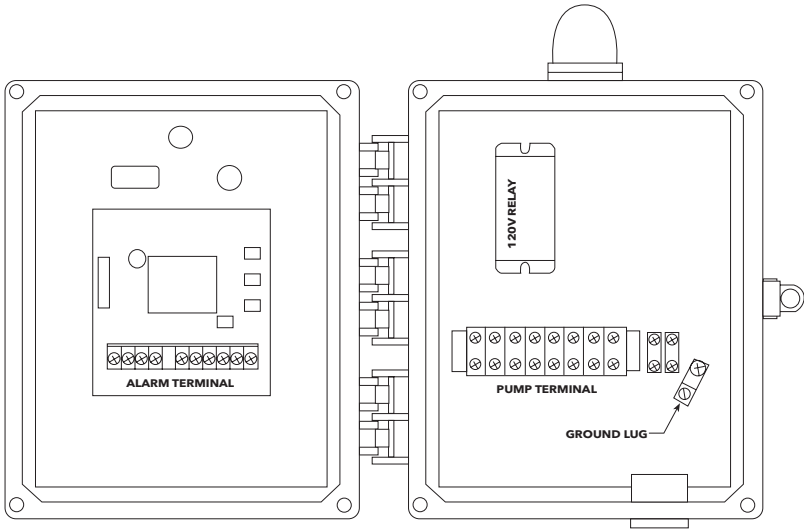
SIMPLEX PANEL OIL REMOVAL – A1SEE2

Enclosure Dimensions (in inches)

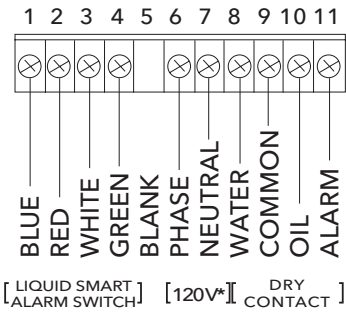


Wiring Diagram

INSIDE VIEW

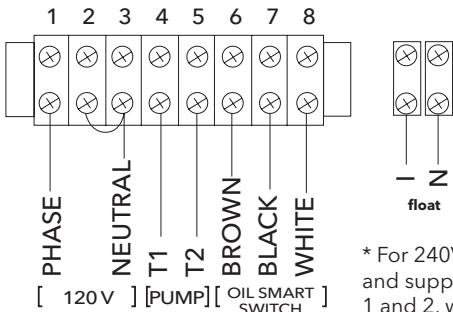


ALARM TERMINAL



* Hook up separate 120V supply here or jump from pump terminal 1 and 3 to alarm terminal 6 and 7 for power.

PUMP TERMINAL

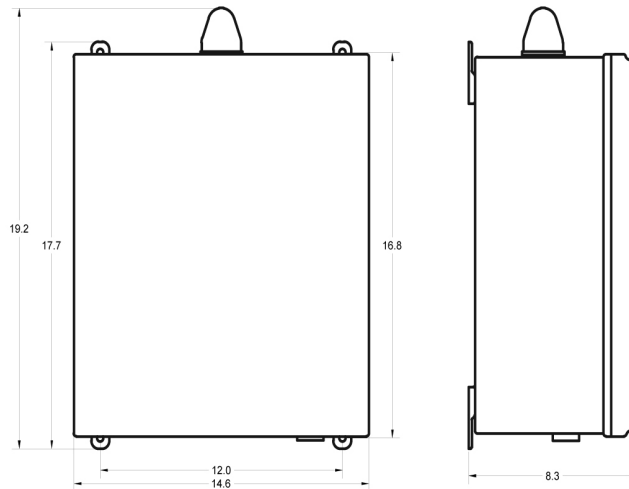


* For 240V, remove jumper and supply power to terminals 1 and 2, with neutral on 3.

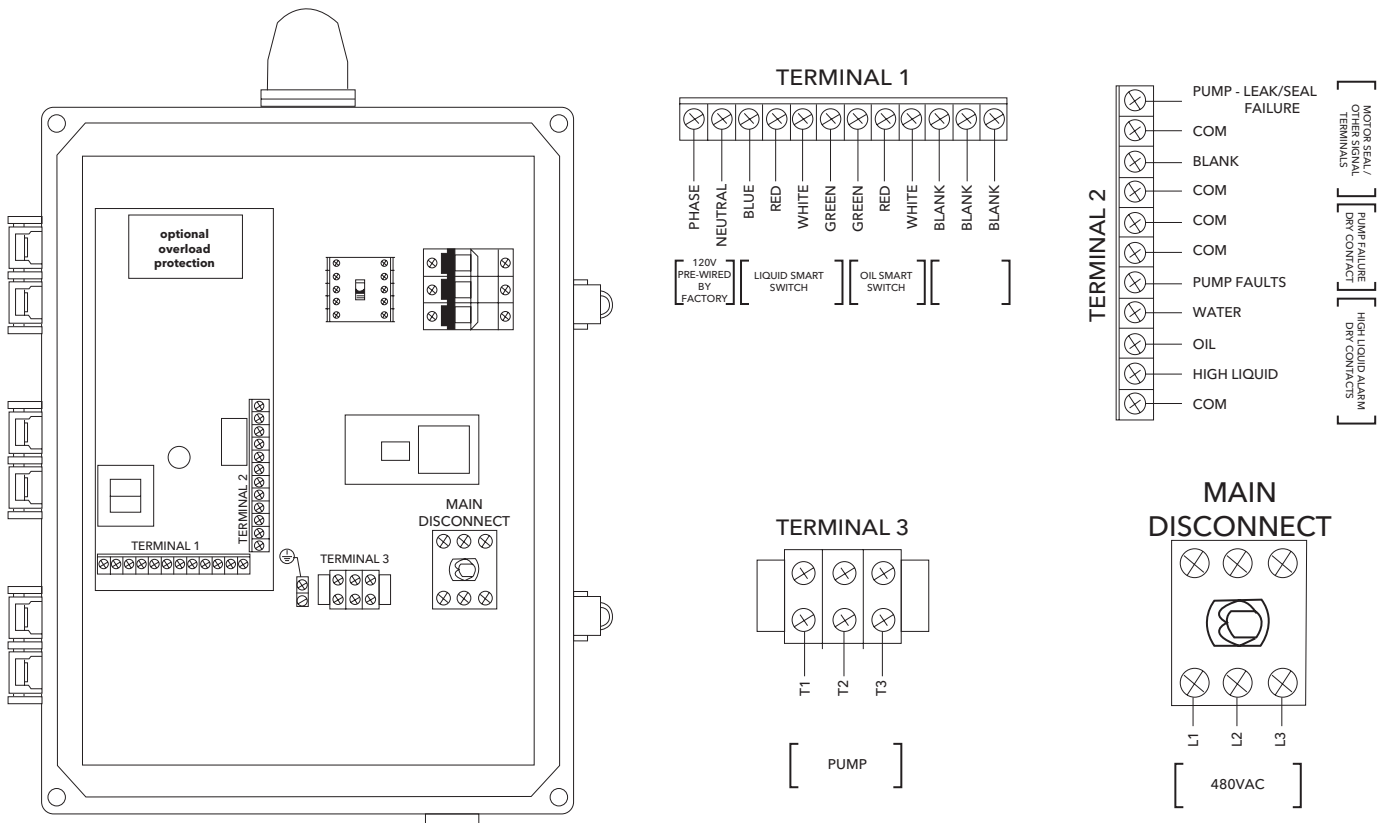
PANEL LAYOUTS

SIMPLEX THREE PHASE PANEL – A3SEE1

Enclosure Dimensions (in inches)



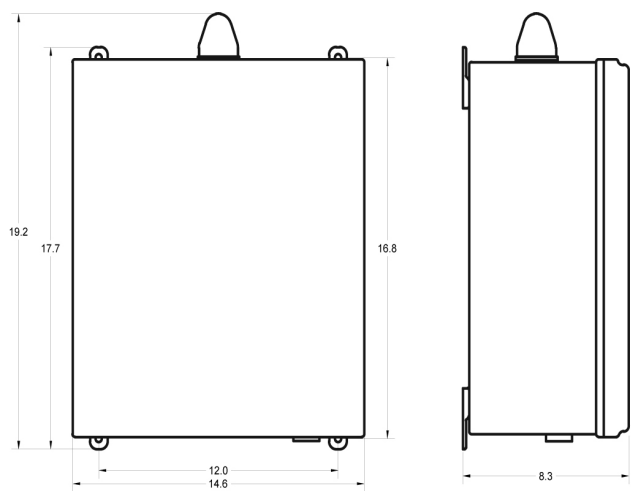
Wiring Diagram



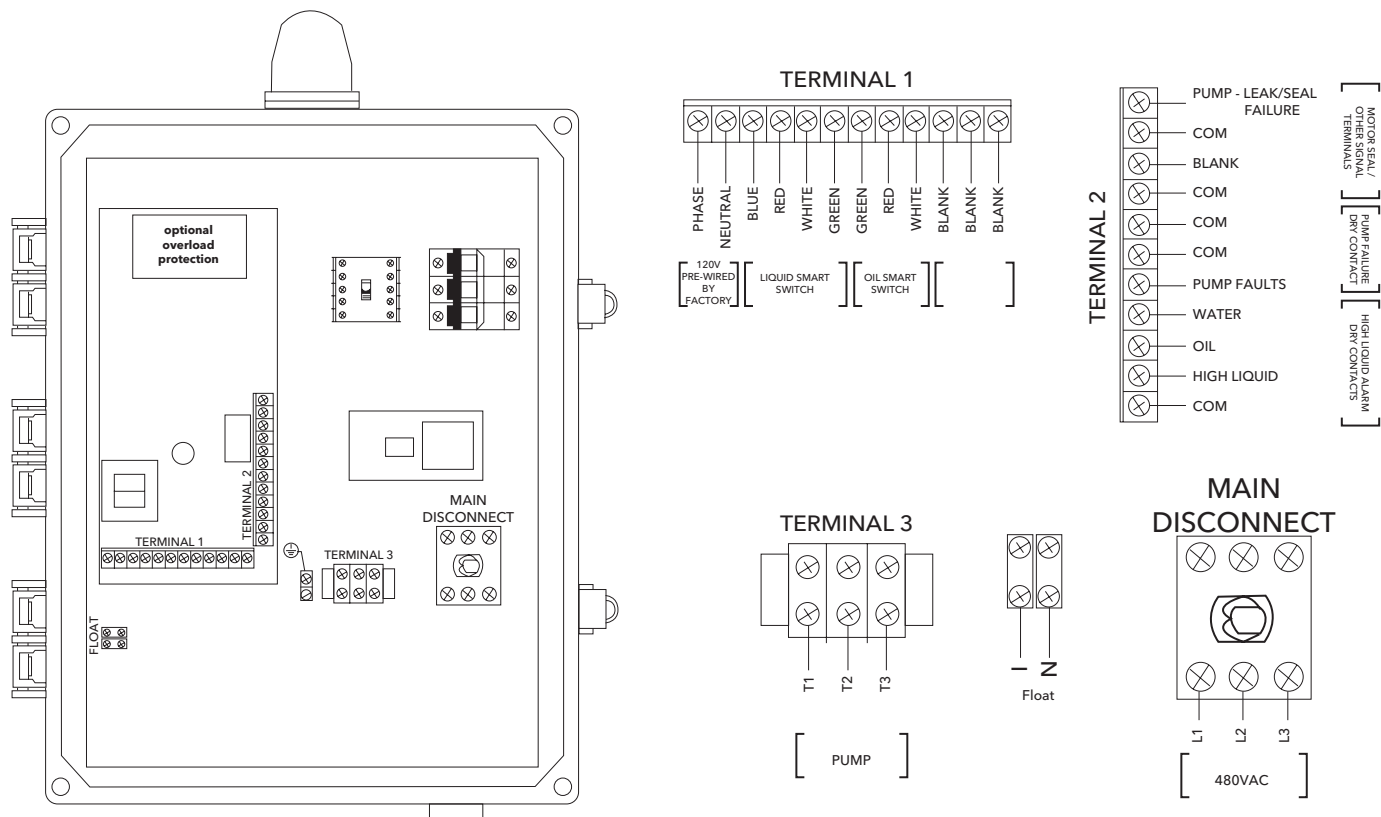
PANEL LAYOUTS

SIMPLEX THREE PHASE OIL REMOVAL PANEL – A3SEE2

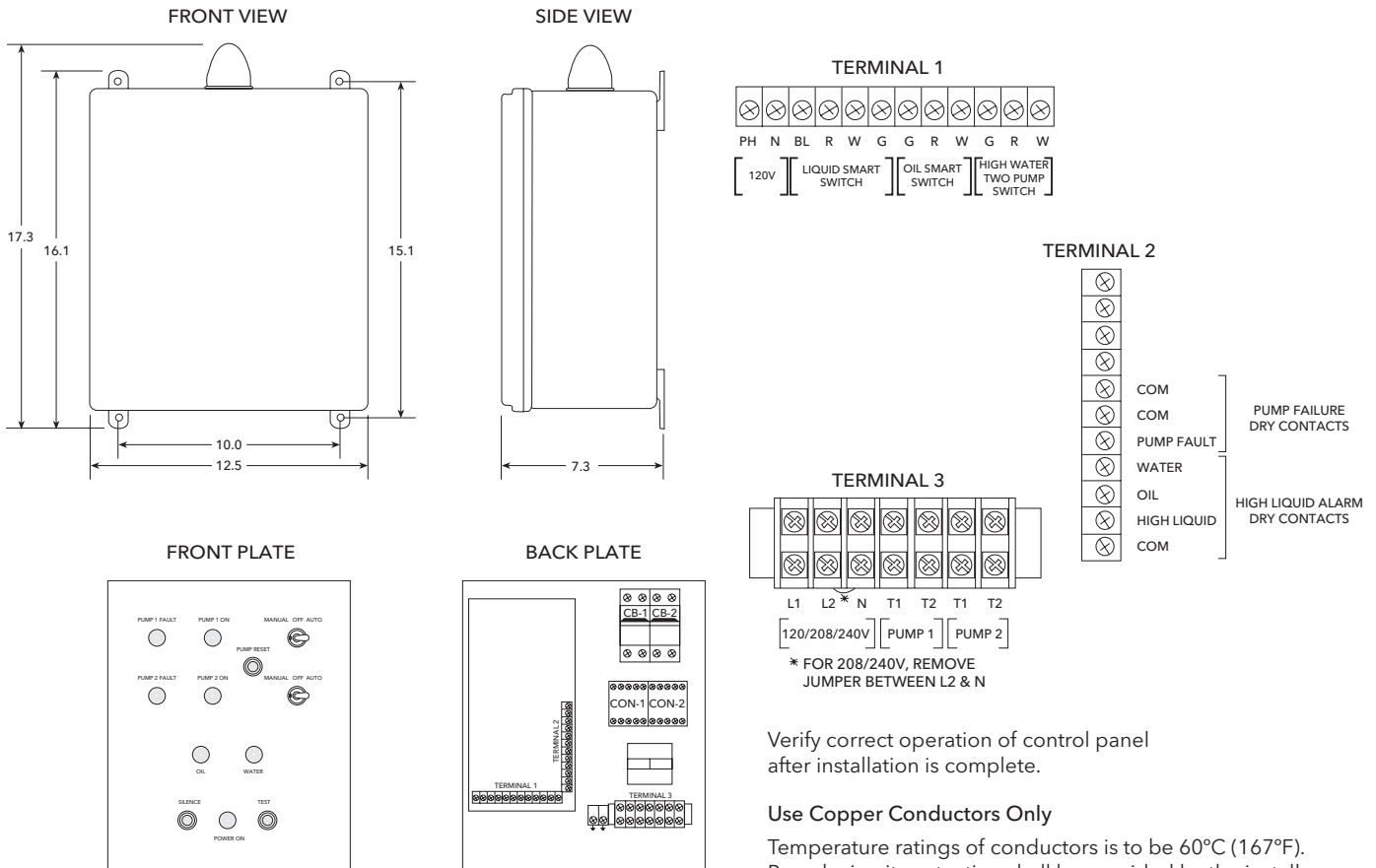
Enclosure Dimensions (in inches)



Wiring Diagram



DUPLEX PANEL – D1SEE20



Verify correct operation of control panel after installation is complete.

Use Copper Conductors Only

Temperature ratings of conductors is to be 60°C (167°F). Branch circuit protection shall be provided by the installer. Must be sized according to pump/motor manufacturing specifications.

Technical Specifications:

- Panel Enclosure: Heavy Duty NEMA 4X Polycarbonate, 14" x 12" x 6"
- Components Enclosure: Type 3R High Impact Injected Plastic
- Oil Smart Switch Dimensions: 2.5" W x 6" H x 1.75" D plus 6" sensor
- Liquid Smart/High Water 2 Pump Switch Dimensions: 3.5" H x 1.5" W x 1.5" D

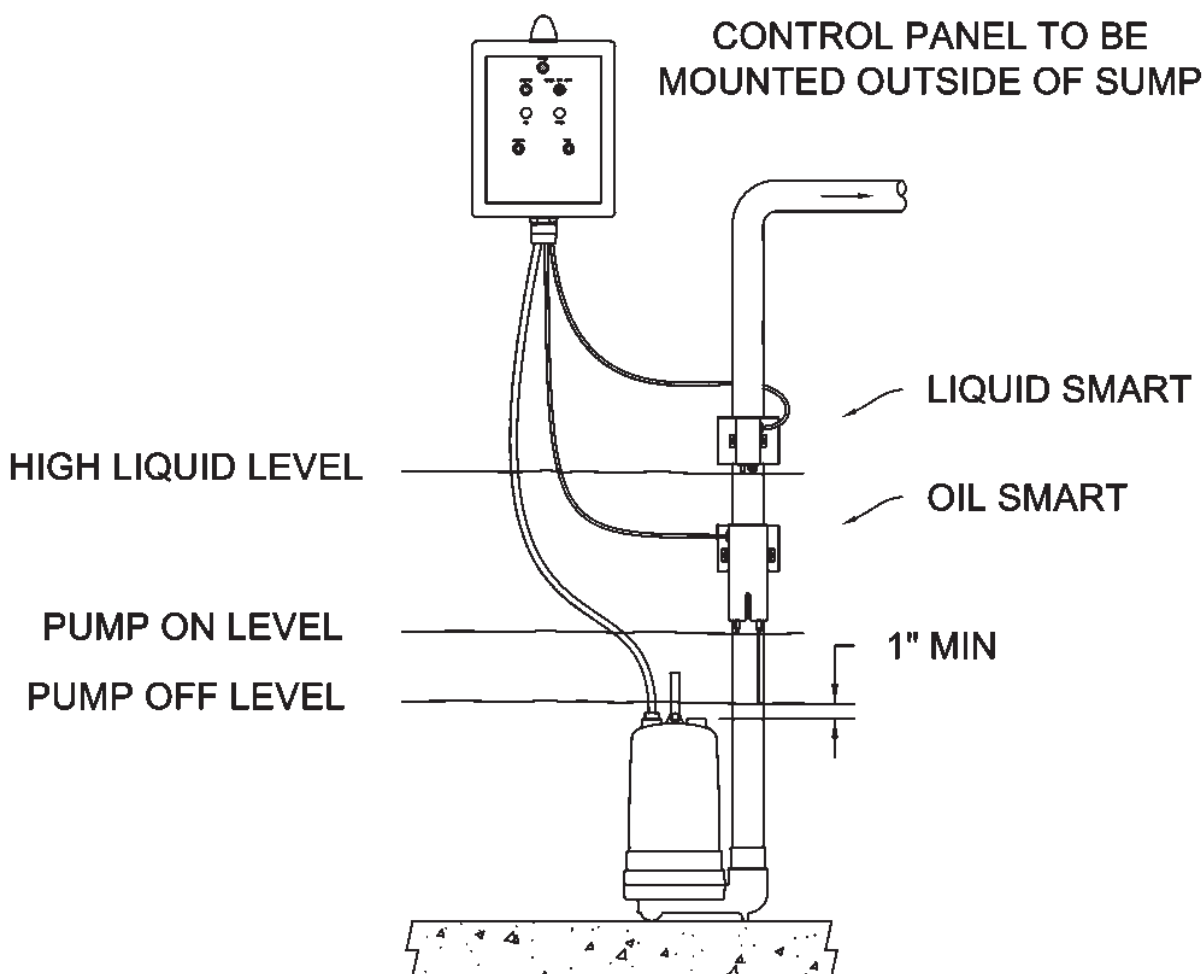
ELEVATOR PUMP KITS

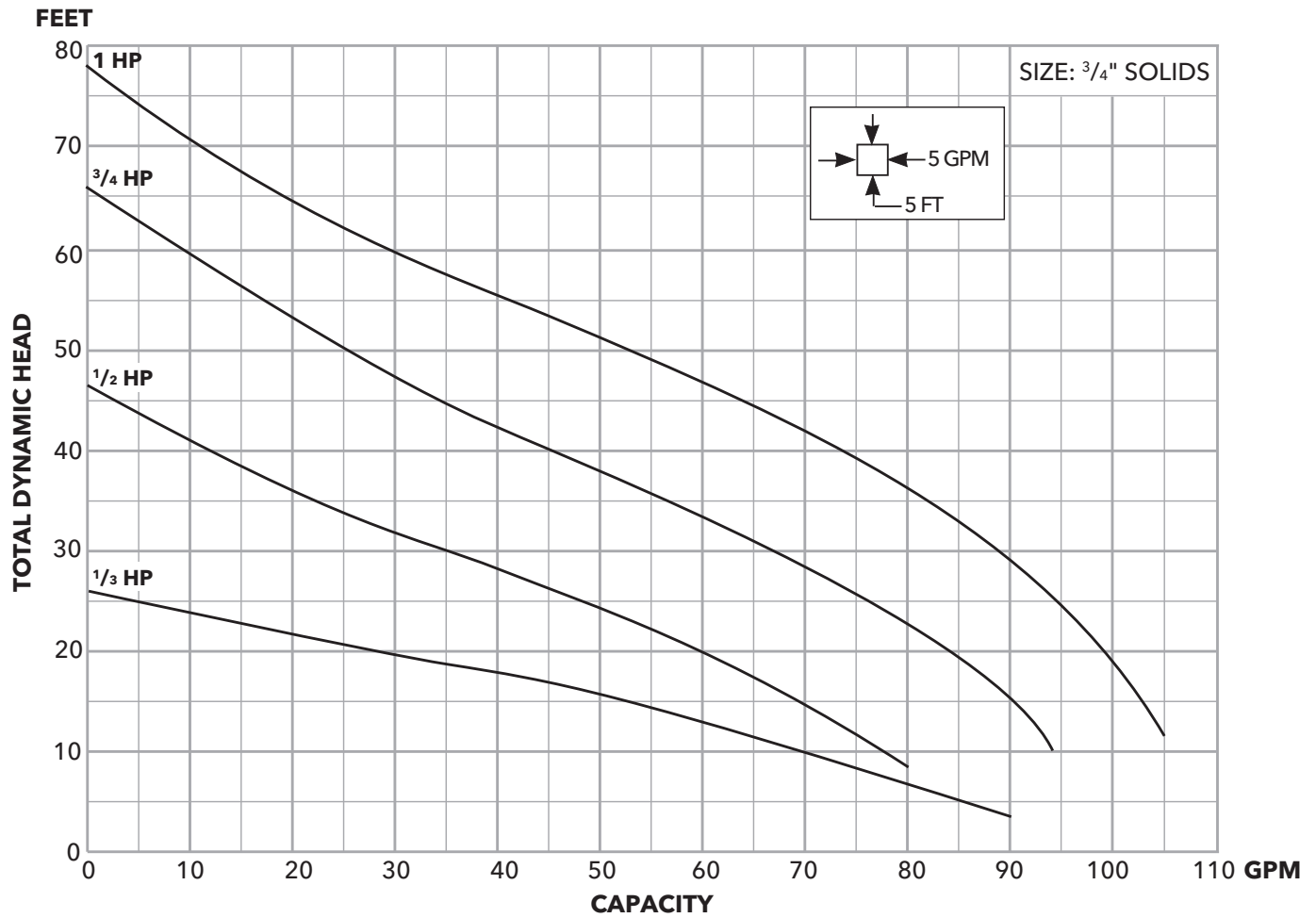
Brands	Model Number	Panel	Oil Smart Switch	Liquid Smart Sensor	Pump
GWT	ELKTWE0311L	A1SEE1 Included	Included	Included	WE0311L
	ELKTWE0511H				WE0511H
	ELKTWE0512H				WE0512H
	ELKTWE0712H				WE0712H
	ELKTWE1012H				WE1012H
B&G	ELKT2EC0311L	Included	Included	Included	2EC0311L
	ELKT2EC0511				2EC0511
	ELKT2EC0512				2EC0512
	ELKT2EC0712				2EC0712
	ELKT2EC1012				2EC1012

FEATURES FOR PUMP

- Effluent, 1/3, 1/2, 3/4 and 1 HP, single phase pump
- Hard faced seal
- Cast iron construction

PUMP INSTALLATION KIT





Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



Xylem Inc.
2881 East Bayard Street Ext., Suite A
Seneca Falls, NY 13148
Phone: (866) 325-4210
Fax: (888) 322-5877
www.xylem.com/goulds

Xylem is a registered trademark of Xylem Inc. or one of its subsidiaries. Goulds is a registered trademark of ITT Manufacturing Enterprises LLC and is used under license. All other trademarks or registered trademarks are property of their respective owners.
© 2024 Xylem Inc. BCPELSPKT R11 January 2024