

Float Switch Operated (Fill Tank)

Water Well Control Panels

Leading Edge Design

Alderon's float switch operated **water well control panels** are the perfect choice for water pumping applications. The control panels are heavy duty, installation friendly and affordable. A simple selection



guide makes selecting the correct panel for the job a simple task.

Quick and easy installation is accomplished by our detailed terminal block wiring diagram that corresponds to

the factory labeled float switches. This eliminates wiring errors and downtime.

By using high quality components and professional workmanship, our control panels will provide years of trouble free operation. When you need a reliable and affordable control panel, make Alderon Industries your number one choice.

Features

Enclosure
Thermoplastic for NEMA 1/4X

HOA Switch
Automatic or manual pump control

Green Pump Run Indicator

Fused Control Disconnect
(Provides on/off function)

Alternating Relay
(Duplex only)

IEC Motor Contactor

Field Wiring Terminal Block

Terminal Block Field Wiring label

Ground Lug

Mechanical Float Switches
Patented switching mechanism

Float Switches Labeled
For easy field wiring

Alarm Fuse

Alarm Indicator
Top mounted beacon (NEMA 4X)
Door mounted indicator (NEMA 1)

Alarm Buzzer
Loud 100 db warble

Auto Reset
Horn silence

Test/Silence Switches

3-Year Warranty

Industrial Control Panel
(UL 508A)



SINGLE PHASE SIMPLEX Float Control, 3 - 20 ft Control Switches Included (Add "X" for No Floats)

Pump Volts	Pump Amps	NEMA 4X (Outdoor Enclosure)		NEMA 1 (Indoor Enclosure)	
		With Circuit Breaker	Without Circuit Breaker	With Circuit Breaker	Without Circuit Breaker
120	0-15 FLA	1400	1403	1406	1409
120	16-20 FLA	1401	1404	1407	1410
120	21-30 FLA	1402	1405	1408	1411
120/230	0-15 FLA	1412	1415	1418	1421
120/230	16-20 FLA	1413	1416	1419	1422
120/230	21-30 FLA	1414	1417	1420	1423

SINGLE PHASE DUPLEX Float Control, 3 - 20 ft Control Switches Included (Add "X" for No Floats)

Pump Volts	Pump Amps	NEMA 4X (Outdoor Enclosure)		NEMA 1 (Indoor Enclosure)	
		With Circuit Breakers	Without Circuit Breakers	With Circuit Breakers	Without Circuit Breakers
120	0-15 FLA	2200	2203	2206	2209
120	16-20 FLA	2201	2204	2207	2210
120	21-30 FLA	2202	2205	2208	2211
120/230	0-15 FLA	2212	2215	2218	2221
120/230	16-20 FLA	2213	2216	2219	2222
120/230	21-30 FLA	2214	2217	2220	2223

Ordering example grid →

ORDERING EXAMPLE

Single phase duplex control panel for pumps 21-30 AMPS, 230 VAC, NEMA 4X enclosure, no circuit breakers = Part Number 2217.

For no floats = Part Number 2217X.

Add option codes as required (see back).



Leading Edge Control Products

Alarm Systems

Control Panels

Float Switches

Leak Detection Systems

Float Switch Operated (Fill Tank)

Water Well Control Panels

THREE PHASE SIMPLEX 3 - 20 ft Control Switches Included (Add "X" for No Floats)

Pump Amps	Pump Volts	NEMA 4X (Outdoor Enclosure)	NEMA 1 (Indoor Enclosure)
1.0-1.6 FLA	208/230/460 VAC	3414	3417
1.6-2.5 FLA	208/230/460 VAC	3400	3407
2.5-4.0 FLA	208/230/460 VAC	3401	3408
4.0-6.3 FLA	208/230/460 VAC	3402	3409
6.0-10.0 FLA	208/230/460 VAC	3403	3410
9.0-14.0 FLA	208/230/460 VAC	3404	3411
13.0-18.0 FLA	208/230/460 VAC	3405	3412
17.0-23.0 FLA	208/230/460 VAC	3406	3413
20.0-25.0 FLA	208/230/460 VAC	3415	3418
24.0-32.0 FLA	208/230/460 VAC	3416	3419

THREE PHASE DUPLEX 3 - 20 ft Control Switches Included (Add "X" for No Floats)

Pump Amps	Pump Volts	NEMA 4X (Outdoor Enclosure)	NEMA 1 (Indoor Enclosure)
1.0-1.6 FLA	208/230/460 VAC	3614	3617
1.6-2.5 FLA	208/230/460 VAC	3600	3607
2.5-4.0 FLA	208/230/460 VAC	3601	3608
4.0-6.3 FLA	208/230/460 VAC	3602	3609
6.0-10.0 FLA	208/230/460 VAC	3603	3610
9.0-14.0 FLA	208/230/460 VAC	3604	3611
13.0-18.0 FLA	208/230/460 VAC	3605	3612
17.0-23.0 FLA	208/230/460 VAC	3606	3613
20.0-25.0 FLA	208/230/460 VAC	3615	3618
24.0-32.0 FLA	208/230/460 VAC	3616	3619

PANEL OPTIONS

For ALL Single and Three Phase Control Panels

- A - Event counter
- B - Elapsed timer meter
- C - Auxiliary alarm contacts
- D - Lockable latch
- E - Alarm flasher
- F - Lightning protection
- G - 4th float for duplex, separates lag from alarm
- I - Redundant off float (also choose option Q)
- P - Single phase overload protection (specify Amps)
- Q - Low level cut-out (redundant off) circuit
- R - External float weights
- S - Anti-condensation heater
- X - No floats

Place option letter behind part number.

CUSTOM CAPABILITY

Any panel can be designed to meet your needs. Our professional customer service quickly prepares quotes so you can bid your jobs fast. Submittals may be obtained upon request. Common applications for custom panels include: lift stations, irrigation systems, pressure booster systems, storm water and many more. Call for a complete quote.

Features

Enclosure

Thermoplastic for NEMA 1/4X

HOA Switch

Automatic or manual pump control

Green Pump Run Indicator

Fused Control Disconnect
(Provides on/off function)

Alternating Relay

(Duplex only)

Multi-Tap Transformer

IEC Motor Contactor

Motor Protective Switch

Field Wiring Terminal Block

Terminal Block Field

Wiring label

Ground Lug

Mechanical Float Switches

Patented switching mechanism

Float Switches Labeled

For easy field wiring

Alarm Fuse

Alarm Indicator

Top mounted beacon

(NEMA 4X)

Door mounted indicator

(NEMA 1)

Alarm Buzzer

Loud 100 db warble

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3-Year Warranty

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Leading Edge Control Products

L1021-Rev.C

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PO Box 827 • Hawley, MN 56549 • (218) 483-3034 • Fax (218) 483-3036 • www.alderonind.com