

Smart Panels™ - Demand Dose

Leading Edge Design

Alderon's SMART PANELS™ use innovative programmable controllers that provide complete and accurate monitoring information useful for system designers, installers and maintenance personnel. The Smart Panels™ are easy to use and simple to install. Use Alderon's SMART PANELS™ when complete system monitoring and an affordable price is needed.



Key Features

- Elapsed Time Meter**
(Auto mode only)
- Pump Cycle Counter**
(Auto mode only)
- Alarm Cycle Counter**
- Lag Delay Timer**
(Duplex only)
- Automatic Simplex Mode**
(By placing either HOA switch in the off position on a duplex panel)
- Flashing Alarm Indicator**

Demand Dose Smart Panels - Float Controlled

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

120 VAC
NEMA 4X (Outdoor Enclosure)

Pump Amps	Pump Volts	With Circuit Breaker
0-15 FLA	120	1500
16-20 FLA	120	1501
21-30 FLA	120	1502

120/230 VAC
NEMA 4X (Outdoor Enclosure)

Pump Amps	Pump Volts	With Circuit Breaker
0-15 FLA	120/230	1515
16-20 FLA	120/230	1516
21-30 FLA	120/230	1517

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

120 VAC
NEMA 4X (Outdoor Enclosure)

Pump Amps	Pump Volts	With Circuit Breaker
0-15 FLA	120	1800
16-20 FLA	120	1801
21-30 FLA	120	1802

120/230 VAC
NEMA 4X (Outdoor Enclosure)

Pump Amps	Pump Volts	With Circuit Breaker
0-15 FLA	120/230	1815
16-20 FLA	120/230	1816
21-30 FLA	120/230	1817

SINGLE PHASE TRIPLEX 5-20 ft Control Switches Included (Add "X" for No Floats)

120 VAC
NEMA 4X (Outdoor Enclosure)

Pump Amps	Pump Volts	With Circuit Breaker
0-15 FLA	120	1828
16-20 FLA	120	1829
21-30 FLA	120	1830

120/230 VAC
NEMA 4X (Outdoor Enclosure)

Pump Amps	Pump Volts	With Circuit Breaker
0-15 FLA	120/230	1831
16-20 FLA	120/230	1832
21-30 FLA	120/230	1833

SINGLE PHASE QUADRAPLEX 6-20 ft Control Switches Included (Add "X" for No Floats)

120 VAC
NEMA 4X (Outdoor Enclosure)

Pump Amps	Pump Volts	With Circuit Breaker
0-15 FLA	120	1835
16-20 FLA	120	1836
21-30 FLA	120	1837

120/230 VAC
NEMA 4X (Outdoor Enclosure)

Pump Amps	Pump Volts	With Circuit Breaker
0-15 FLA	120/230	1838
16-20 FLA	120/230	1839
21-30 FLA	120/230	1840

Basic Features

- Enclosure**
Thermoplastic for NEMA 1/4X
- HOA Switch**
Automatic or manual pump control
- Pump Run Indicator**
- Fused Control Disconnect**
(Provides on/off function)
- Pump Alternation**
(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 Indicator**
Top mounted beacon
- Alarm Buzzer**
Loud 100 db warble
- Auto Reset Silence Switch**
Horn silence
- 3-Year Warranty**
- Industrial Control Panel**
(UL 508A)



Leading Edge Control Products

Alarm Systems

Control Panels

Float Switches

Leak Detection Systems

Smart Panels™ - Demand Dose

Demand (float control) Sewage Panels continued

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

Pump Amps	Pump Volts	NEMA 4X (Outdoor Enclosure)
1.0- 1.6 FLA	208/230/460 VAC	3114
1.6- 2.5 FLA	208/230/460 VAC	3100
2.5- 4.0 FLA	208/230/460 VAC	3101
4.0- 6.3 FLA	208/230/460 VAC	3102
6.0-10.0 FLA	208/230/460 VAC	3103
9.0- 14.0 FLA	208/230/460 VAC	3104
13.0- 18.0 FLA	208/230/460 VAC	3105
17.0- 23.0 FLA	208/230/460 VAC	3106
20.0- 25.0 FLA	208/230/460 VAC	3115
24.0- 32.0 FLA	208/230/460 VAC	3116

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

1.0- 1.6 FLA	208/230/460 VAC	3314
1.6- 2.5 FLA	208/230/460 VAC	3300
2.5- 4.0 FLA	208/230/460 VAC	3301
4.0- 6.3 FLA	208/230/460 VAC	3302
6.0-10.0 FLA	208/230/460 VAC	3303
9.0- 14.0 FLA	208/230/460 VAC	3304
13.0- 18.0 FLA	208/230/460 VAC	3305
17.0- 23.0 FLA	208/230/460 VAC	3306
20.0- 25.0 FLA	208/230/460 VAC	3315
24.0- 32.0 FLA	208/230/460 VAC	3316

THREE PHASE TRIPLEX 5 - 20ft Control Switches Included (Add "X" for No Floats)

1.0- 1.6 FLA	208/230/460 VAC	3317
1.6- 2.5 FLA	208/230/460 VAC	3318
2.5- 4.0 FLA	208/230/460 VAC	3319
4.0- 6.3 FLA	208/230/460 VAC	3320
6.0-10.0 FLA	208/230/460 VAC	3321
9.0- 14.0 FLA	208/230/460 VAC	3322
13.0- 18.0 FLA	208/230/460 VAC	3323
17.0- 23.0 FLA	208/230/460 VAC	3324
20.0- 25.0 FLA	208/230/460 VAC	3325
24.0- 32.0 FLA	208/230/460 VAC	3326

THREE PHASE QUADPLEX 6 - 20ft Control Switches Included (Add "X" for No Floats)

1.0- 1.6 FLA	208/230/460 VAC	3327
1.6- 2.5 FLA	208/230/460 VAC	3328
2.5- 4.0 FLA	208/230/460 VAC	3329
4.0- 6.3 FLA	208/230/460 VAC	3330
6.0-10.0 FLA	208/230/460 VAC	3331
9.0- 14.0 FLA	208/230/460 VAC	3332
13.0- 18.0 FLA	208/230/460 VAC	3333
17.0- 23.0 FLA	208/230/460 VAC	3334
20.0- 25.0 FLA	208/230/460 VAC	3335
24.0- 32.0 FLA	208/230/460 VAC	3336

Key Features

Elapsed Time Meter
(Auto mode only)

Pump Cycle Counter
(Auto mode only)

Alarm Cycle Counter

Lag Delay Timer
(Duplex only)

Automatic Simplex Mode
(By placing either HOA switch in the off position on a duplex panel)

Flashing Alarm Indicator

Basic Features

Enclosure

Thermoplastic for NEMA 1/4X

HOA Switch

Automatic or manual pump control

Pump Run Indicator

Fused Control Disconnect
(Provides on/off function)

Pump Alternation
(Duplex only)

IEC Motor Contactor

Multi-Tap Transformer
(Three phase only)

Motor Protective Switch
(Three phase only)

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 Indicator
Top mounted beacon

Alarm Buzzer
Loud 100 db warble

Auto Reset Silence Switch
Horn silence

3-Year Warranty

Industrial Control Panel
(UL 508A)



Leading Edge Control Products

CS1027A