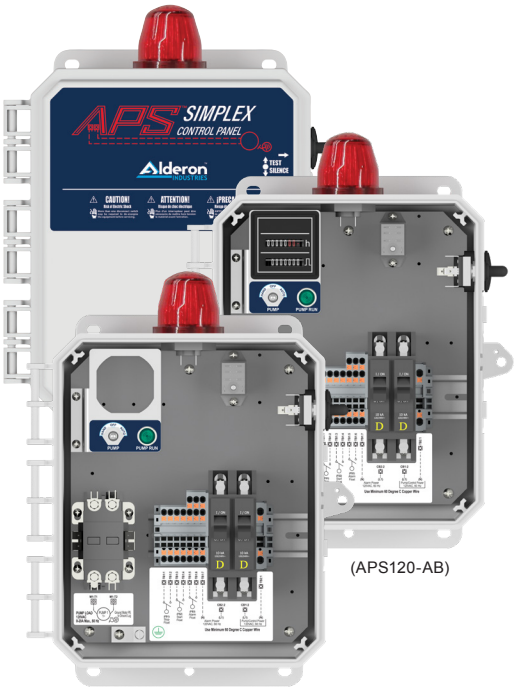
APS™ Simplex Control Panel

Single Phase Simplex, Type 4X (Indoor/Outdoor)
Models: APS120 and APS120-AB | 120VAC (only)
OPAQUE DOOR, ALARM BEACON, and LOCKABLE LATCH

Alderon™ INDUSTRIES

MARKETING DATA FLIER



(APS120-AB)

(APS120)

STANDARD FEATURES

- **Type 4X Enclosure, Indoor or Outdoor, Pad-Lockable**
  - Enclosure Size 10" x 8" x 4" (inches)
  - Opaque Door with Alarm Beacon (red)
  - Alarm Buzzer and Alarm Test/Silence Switch
- **Main Control Panel Components**
  - Type 4X Enclosure
  - Pump Circuit Breaker and Definite Purpose Contactor Pump Starter
  - Circuit Breaker Protection for Alarm and Control Circuits
  - Hand-Off-Auto (HOA) Switch
  - Pump Run Indicator (green)
  - Optional Pump Elapsed Time Meter and Pump Cycle Counter (ETM/EC)
    - Seven Digit Timer Display (99,999.99)
    - Seven Digit Counter Display (9,999,999)
    - Non-Resettable
- **Electrical Ratings**
  - APS120 and APS120-AB
    - Alarm Power: 120VAC, 60 Hz
    - Pump/Control Power: 120VAC (only), 60 Hz, 20 Amps Maximum
- **24" or 48" Pedestal *(optional)***
  - 24" Pedestal/Y1 - Measured from Pedestal Bottom to Bottom of Panel
  - 48" Pedestal/Y2 - Measured from Pedestal Bottom to Bottom of Panel
  - Panel Enclosure Mounted on Pedestal (36-inch or 60-inch overall height)
  - Provides Wiring Routing Access and Protects from Water Intrusion
  - Curved Design and Cutouts to Securely Fasten to a Riser (not included)
  - Easy to Reach Access Cover

ORDERING INFORMATION

For a complete list of standard products with pricing, refer to the current price sheet or scan the QR code for more information on this product.

APS™ - SINGLE PHASE | SIMPLEX

Base Model	Control Panel Description
APS120	APS™, Single Phase Simplex, 120VAC, 20 Amp
APS120-AB	APS™, Single Phase Simplex, 120VAC, 20 Amp, ETM/EC

Panel Code	Enclosure Options (optional)
Y1	24" Pedestal - Measured from Pedestal Bottom to Bottom of Panel
Y2	48" Pedestal - Measured from Pedestal Bottom to Bottom of Panel

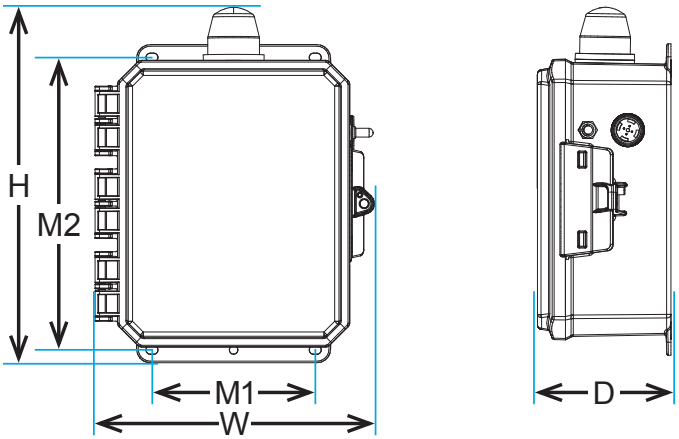
Panel Code	Alarm Float Options
X	No Alarm Float
-1	(1) 15' Alarm Float, Stainless Steel Pipe Clamp
-2	(1) 20' Alarm Float, Stainless Steel Pipe Clamp
-3	(1) 15' Alarm Float, Cast Iron Cable Weight
-4	(1) 20' Alarm Float, Cast Iron Cable Weight

Control Switch Options	Panel Code	Description
	X	No Control Switch
(1) Wide Angle Control Switch Setup (operates pump)	-1	(1) 15' Wide Angle Control Switch, Stainless Steel Pipe Clamp
	-2	(1) 20' Wide Angle Control Switch, Stainless Steel Pipe Clamp
	-3	(1) 15' Wide Angle Control Switch, Cast Iron Cable Weight
	-4	(1) 20' Wide Angle Control Switch, Cast Iron Cable Weight
(2) Narrow Angle Control Switch Setup (operates pump)	-5	(2) 15' Narrow Angle Control Switches, Stainless Steel Pipe Clamps
	-6	(2) 20' Narrow Angle Control Switches, Stainless Steel Pipe Clamps
	-7	(2) 15' Narrow Angle Control Switches, Cast Iron Cable Weights
	-8	(2) 20' Narrow Angle Control Switches, Cast Iron Cable Weights

***Example: APS120-AB-1-5** = Single Phase Simplex, 120VAC, ETM/EC, (1) 15' Alarm Float, Stainless Steel Pipe Clamp, (2) 15' Narrow Angle Control Switches, Stainless Steel Pipe Clamps*

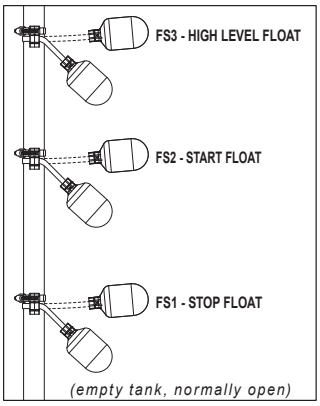
APS™ Simplex Control Panel | PRODUCT DIMENSIONS and APPLICATION EXAMPLES

Visit alderonind.com to expand your system with other Alderon™ products for standard or custom applications



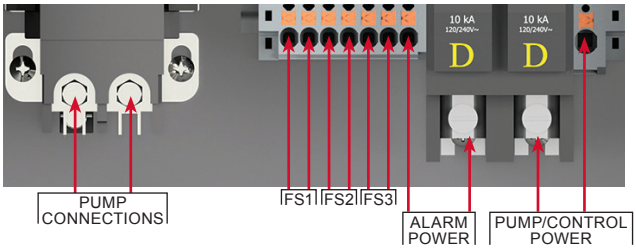
PANEL CODE (enclosure size)	OVERALL Width (W)	OVERALL Height (H)	OVERALL Depth (D)	MOUNTING Width (M1)	MOUNTING Height (M2)
Base Model *10 x 8 x 4*	10.27	11.69	5.01	6.13	10.75
Enclosure measurements (inches)					

3-FLOAT INSTALL/WIRING EXAMPLE

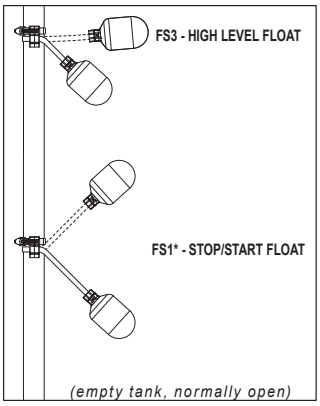


3-Float / Wiring Information:

1) **Incoming Alarm Power** TB1:7 and CB2:2
2) **Incoming Pump Power** CB1:2 and TB2:1
3) **Pump Connections** M1:T1 and M1:T2
4) **FS1 - Stop Float** TB1:1 and TB1:2
5) **FS2 - Start Float** TB1:3 and TB1:4
6) **FS3 - High Level Float** TB1:5 and TB1:6



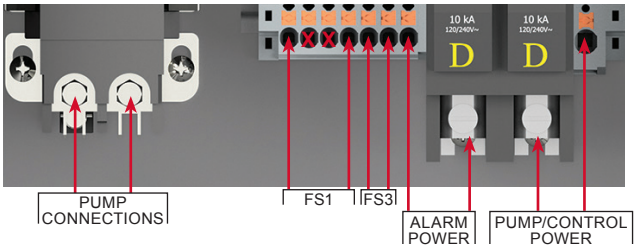
2-FLOAT INSTALL/WIRING EXAMPLE



2-Float / Wiring Information:

1) **Incoming Alarm Power** TB1:7 and CB2:2
2) **Incoming Pump Power** CB1:2 and TB2:1
3) **Pump Connections** M1:T1 and M1:T2
4) **(*) FS1 - Stop/Start Float** TB1:1 and TB1:4
5) **FS3 - High Level Float** TB1:5 and TB1:6

Note: 2-Float setup there are no wires connected to TB1:2 and TB1:3



For control panel's using the optional 24-inch (Y1) or 48-inch pedestal (Y2), refer to the installation example to determine mounting location on the riser and above grade separation from the ground to the bottom of the control panel enclosure. Must meet the minimum height requirements for local codes.

Note: The overall height of the post is either 36-inches (Y1) or 60-inches (Y2) depending on model.

