

Check It™ Control Panel

Single Phase Duplex, Type 4X (Indoor/Outdoor)

Model: CKIT1D230 | 120/240VAC; 1-7A, 7-15A, 15-20A, or 20-30A

OPAQUE DOOR, ALARM BEACON, and LOCKABLE LATCHES

ALDERON™
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Leading Edge Control Products

MARKETING DATA FLIER



STANDARD FEATURES

- **Type 4X Enclosure, Indoor or Outdoor Use, Pad-Lockable**
 - Standard Enclosure Size 12" x 10" x 6" (inches)
 - Opaque Door, Alarm Beacon with Red Flashing LEDs
 - Alarm Buzzer and Alarm Test/Silence Switch
- **Pump Circuit Breakers and IEC Contactor Pump Starters**
- **Beacon with Vibrant Multi-Color LEDs**
 - Green (normal/pump run), Red (alarms), and Amber (error/HOA off)
 - Event LEDs will flash and normal state LEDs will be solid
- **System Status LEDs (circuit board)**
 - Power, Pump 1/2 Run, Sensor/Float Activated, and Seal Fail (optional)
- **Automatic Resettable Alarm and Control Fuses**
- **Built-in Printed Circuit Board Surge Protection (conformal coated)**
- **Built-in Lag Delay Timer to Prevent Simultaneous Pump Run**
- **Pump Selector Switch**
 - Set the Lead Pump to Pump 1, Alternate, or Pump 2
- **Easily Change Configurations**
 - Sensor Error Input, Automatic or Manual Alarm Reset, Redundant Start Enable, System Normal Beacon Disable, Low Alarm Enable, and Lag/Alarm Disable with optional Seal Fail Pump Stop Enable and Seal Fail Buzzer Enable
- **Sensor Options (signaling device)**
 - Field Wire up to (5) Digital Inputs
 - Low Alarm/Redundant Off, Off, Lead, Lag, and High Alarm
- **Included Auxiliary "Dry" Contacts**
 - Normally Open or Closed, General Alarm (any) plus Power Loss
- **Hand-Off-Auto (HOA) Pump Selector Switch (each pump)**
 - Off Reminder, Yellow Flashing LEDs (beacon) if both are Set to Off
- **Check It™ Circuit Board**
 - Check It™ Button to Simulate Pump Start Events
 - Configure/Test Button to Activate Alarm Test, Clear Alarms, and Enable or Disable System Configuration Settings
- **Exterior Test/Silence Switch**
 - Activated and Deactivated less than 5-seconds, Activates Alarm Test
 - Activated more than 5-seconds, Clears all Alarms
 - Silence Buzzer during Alarm

Panel Options (customize application)

- Elapsed Time Meters/Cycle Counters
- Control Circuit Breaker
- Anti-Condensation Heater
- Main Disconnect
- Lightning Arrestor
- Intrinsically Safe Circuits

MODEL NUMBER

CKIT1D230C20+3AGHPS20



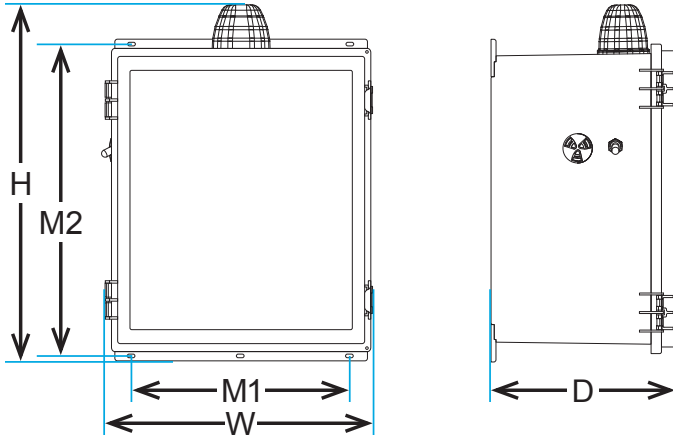
CHECK IT™ - SINGLE PHASE | DUPLEX

Base Model	Control Panel Description			
CKIT1D230	Check It™, Single Phase Duplex, 120/240VAC, Pump Circuit Breakers			
Panel Code	Pump Full Load Amps (FLA)	Control Switch Options	Panel Code	Description (narrow angle models only)
C7	1.0 - 7.0 Amps	Number of Floats	+3	(3) Float Switches
C15	7.0 - 15.0 Amps		+4	(4) Float Switches
C20	15.0 - 20.0 Amps		+5	(5) Float Switches
C30	20.0 - 30.0 Amps	Float Style	AG	Altra™ Gold Series
		Activation Type <i>Normally Open = Pump Down Normally Closed = Pump Up</i>	H	High Level, Normally Open
			L	Low Level, Normally Closed
		Mounting Method (float attachment)	PS	Pipe Clamp, Stainless Steel
			WC	Cable Weight, Cast Iron
			WP	Cable Weight, Plastic
		Cable Length (feet; standard)	20	20' Cable Length
			30	30' Cable Length
			50	50' Cable Length

Example: CKIT1D230C7+4AGHWP50 = Check It™, Single Phase Duplex, 120/240VAC, Pump Circuit Breaker, 1-7 Amps, (4) 50' Float Switches, Plastic Cable Weights

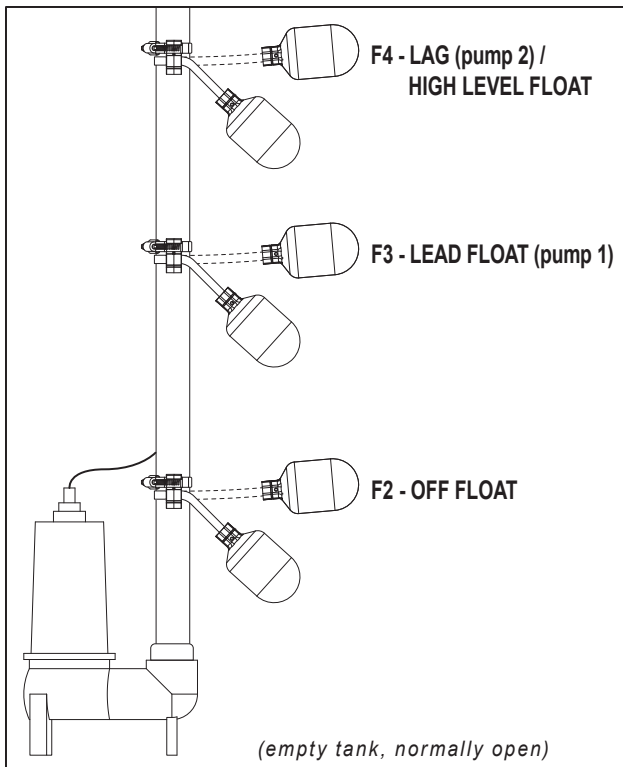
Check It™ Control Panel | **PRODUCT DIMENSIONS** and **APPLICATION EXAMPLES**

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

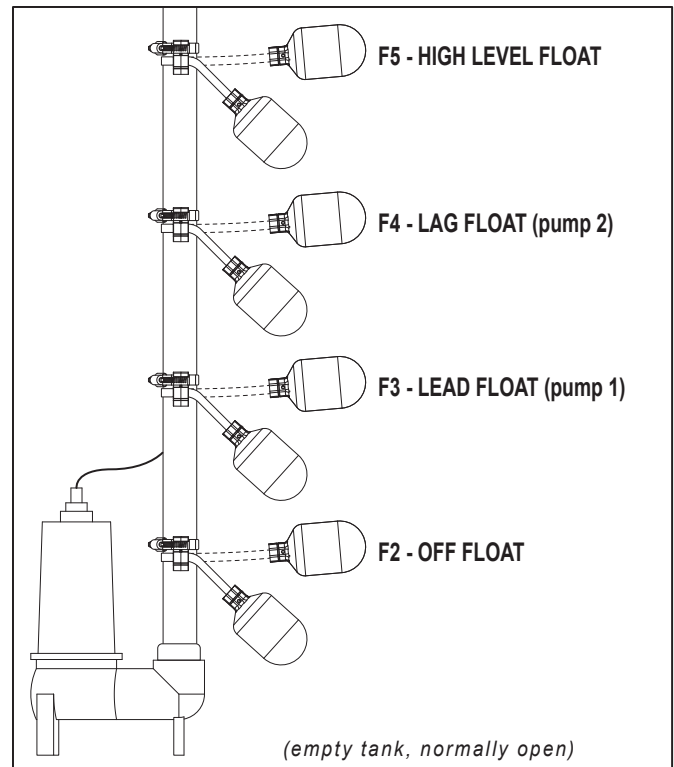


PANEL CODE (enclosure size)	OVERALL Width (W)	OVERALL Height (H)	OVERALL Depth (D)	MOUNTING Width (M1)	MOUNTING Height (M2)
Base Model (E2) 12 x 10 x 6	12.17	16.08	7.28	8.56	13.34
E3 14 x 12 x 6	14.01	17.85	7.27	10.24	14.83
E4 16 x 14 x 8	16.09	19.85	9.27	12.24	16.91
E5 18 x 16 x 10	18.16	21.85	11.27	14.25	18.99
E7 24 x 24 x 10	27.36	29.79	11.50	17.94	25.19
Enclosure measurements (inches)					

3-FLOAT EXAMPLE



4-FLOAT EXAMPLE



Circuit Board LED Indicators for Sensor Functions:

- When a float switch is activated, the control panel circuit board LEDs will illuminate for all sensors which are active (F1, F2, F3, F4, and F5).
- When a float switch is deactivated the control panel circuit board LEDs are not illuminated for all sensors which are not active (F1, F2, F3, F4, and F5).

