Check It™ Control Panel

Single Phase Duplex, Overload, Type 4X (Indoor/Outdoor)
Model: CKIT1D230 | 120/240VAC; Specified Amp Ranges
OPAQUE DOOR, ALARM BEACON, and LOCKABLE LATCHES

Alderon™ INDUSTRIES
MARKETING DATA FLIER



Panel Options (customize application)

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

STANDARD FEATURES

- **Type 4X Enclosure, Indoor or Outdoor Use, Pad-Lockable**
  - Standard Enclosure Size 14" x 12" x 6" (inches)
  - Opaque Door, Alarm Beacon with Red Flashing LEDs
  - Alarm Buzzer and Alarm Test/Silence Switch (silence buzzer)
- **Pump Circuit Breakers, IEC Contactors, and Overload Relays**
  - IEC Contactor Pump Starters with Overload Relays Provide an Adjustable Pump Amp Range which Protects the Pumps from Overcurrent Damage and Pump Circuit Breakers for Pump Disconnect
- **Beacon with Vibrant Multi-Color LEDs**
  - Green (normal/pump run), Red (alarms), and Amber (error/HOA off)
- **System Status LEDs *(circuit board; power, pump run, and sensors)***
- **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 lead pump to Pump 1, ALT, or Pump 2)***
- **Easily Change Configurations**
  - Sensor Error Input, Automatic or Manual Alarm Reset, Redundant Start Enable, Low Alarm Enable, and Lag/Alarm Disable with optional Seal Fail Pump Stop Enable, Seal Fail Buzzer Enable, and more
- **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

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.

CHECK IT™ - SINGLE PHASE | DUPLEX

Base Model	Control Panel Description
CKIT1D230	Check It™, Single Phase Duplex, Overload, 120/240VAC, Pump Circuit Breakers

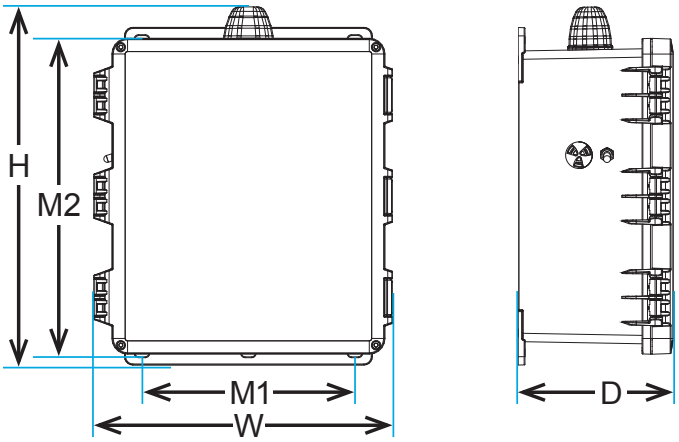
Panel Code	Pump Full Load Amps (FLA)
CO4-6	4.0 - 6.0 Amps
CO5.5-8	5.5 - 8.0 Amps
CO7-10	7.0 - 10.0 Amps
CO9-13	9.0 - 13.0 Amps
CO12-18	12.0 - 18.0 Amps
CO16-24	16.0 - 24.0 Amps
CO23-30	23.0 - 30.0 Amps

Control Switch Options	Panel Code	Description (narrow angle models only)
Number of Floats	+3	(3) Float Switches
	+4	(4) Float Switches
	+5	(5) Float Switches
Float Style	AG	Altra™ Gold Series
Activation Type *Normally Open = Pump Down* *Normally Closed = Pump Up*	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: CKIT1D230CO7-10+5AGHWC20** = Check It™, Single Phase Duplex, Overload, 120/240VAC, Pump Circuit Breaker, 7-10 Amps, (5) 20' Float Switches, Cast Iron Cable Weights*

Check It™ Control Panel | PRODUCT DIMENSIONS and REMOTE MONITORING

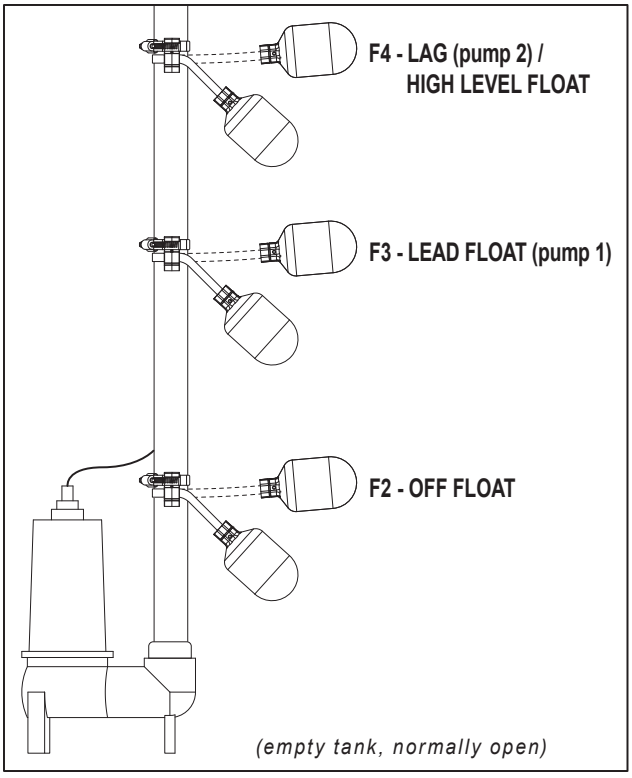
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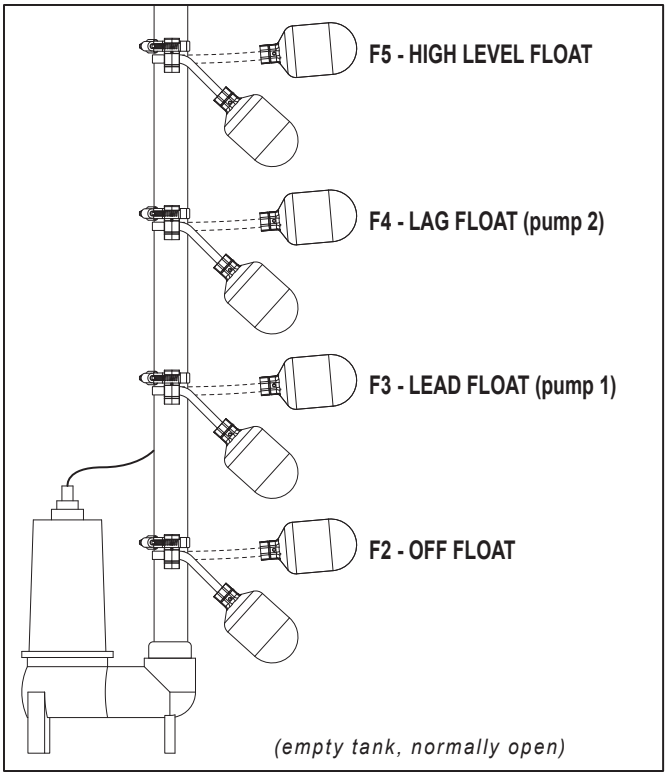
PANEL CODE (enclosure size)	OVERALL Width (W)	OVERALL Height (H)	OVERALL Depth (D)	MOUNTING Width (M1)	MOUNTING Height (M2)
Base Model (E3) *14 x 12 x 6*	14.01	17.85	7.27	10.24	14.83
E4 *16 x 14 x 8*	16.09	19.85	9.27	12.24	16.91
E5 *18 x 16 x 10*	18.16	21.85	11.27	14.25	18.99
E7 *24 x 24 x 10*	27.36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

Enclosure measurements (inches)

3-FLOAT EXAMPLE



4-FLOAT EXAMPLE



Circuit Board LED Indicators for Sensor Functions:

1. 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).

2. 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).

