Check It™ Capacitor Start Control Panel

Single Phase Duplex, Overload, Type 4X (Indoor/Outdoor)
Model: CKIC1D230 | 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 Sizes 18" x 16" x 10" (inches) 12 - 18 Amps, 16 - 24 Amps, 23 - 30 Amps, 30 - 38 Amps
  - Standard Enclosure Sizes 18" x 16" x 10" (inches) 37 - 45 Amps
  - Opaque Door, Alarm Beacon with Red Flashing LEDs
  - Alarm Buzzer and Alarm Test/Silence Switch
- **Pump Circuit Breakers, IEC Contactor, 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
- **Capacitor Start Kits for Pump Starting *(customer supplied)***
- **Beacon with Vibrant Multi-Color LEDs**
  - Green (normal/pump run), Red (alarms), and Amber (error/HOA off)
- **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)***
- **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, Low Alarm Enable, and Lag/Alarm Disable with optional Seal Fail Pump Stop Enable and 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; Alarm Test, Clear Alarms, and System 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

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.

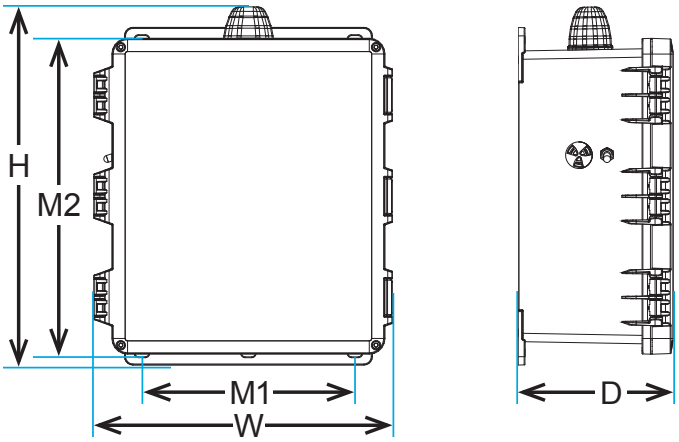
CHECK IT™ - SINGLE PHASE | DUPLEX

Base Model	Control Panel Description
CKIC1D230	Check It™, Single Phase Duplex, Capacitor Start, Overload, 240VAC, Pump Circuit Breakers

Panel Code	Pump Full Load Amps (FLA)
CO12-18	12.0 - 18.0 Amps
CO16-24	16.0 - 24.0 Amps
CO23-30	23.0 - 30.0 Amps
CO30-38	30.0 - 38.0 Amps

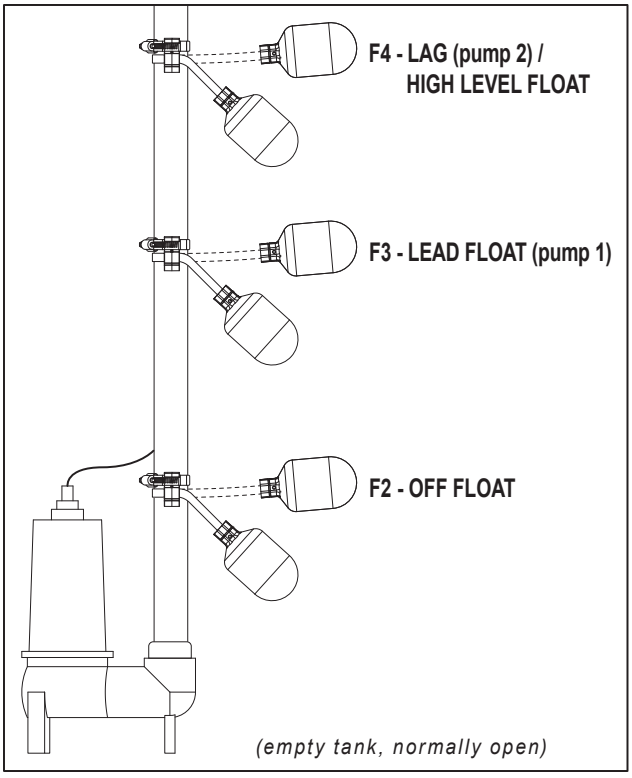
Control Switch Options	Panel Code	Description (narrow angle models only)
Number of Floats	+3	(3) Float Switches
	+4	(4) Float Switches
	+5	(5) Float Switches
Float Style	AG	Altra™ Gold Series
Activation Type *Normally Open = Pump Down* *Normally Closed = Pump Up*	H	High Level, Normally Open
	L	Low Level, 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: CKIC1D230CO12-18+3AGHPS20** = Check It™, Single Phase Duplex, Capacitor Start, Overload, 240VAC, Pump Circuit Breakers, 12-18 Amps, (3) 20' Float Switches, Stainless Steel Pipe Clamps*

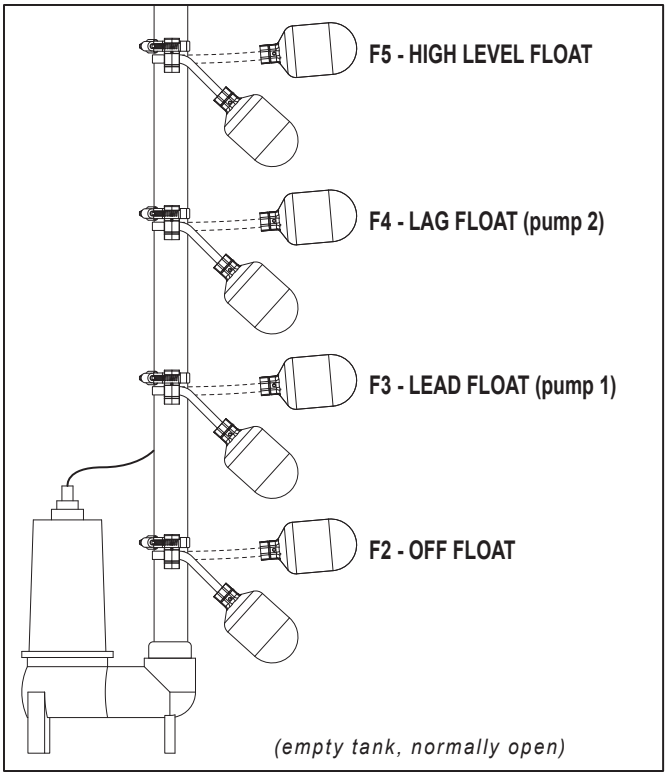


PANEL CODE (enclosure size)	OVERALL Width (W)	OVERALL Height (H)	OVERALL Depth (D)	MOUNTING Width (M1)	MOUNTING Height (M2)
Base Model (E4) *16 x 14 x 8*	16.09	17.85	9.27	12.24	16.91
E5 *18 x 16 x 10*	18.16	19.85	11.27	14.25	18.99
E6 *20 x 16 x 8*	20.61	24.15	9.40	14.94	23.13
E7 *24 x 24 x 10*	27.36	27.79	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).

