Check It™ Capacitor Start Control Panel

Single Phase Simplex, Type 4X (Indoor/Outdoor)
Model: CKIC1S230 | 240VAC; 12-18A, 16-24A, 23-30A, or 30-38A
OPAQUE DOOR, ALARM BEACON, and LOCKABLE LATCHES

Alderon™ INDUSTRIES

MARKETING DATA FLIER



Panel Options (customize application)

- Elapsed Time Meter/Cycle Counter
- 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) 12 - 18 Amps, 16 - 24 Amps, 23 - 30 Amps
  - Standard Enclosure Size 16" x 14" x 8" (inches) 30 - 38 Amps
  - Standard Enclosure Size 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 Breaker and IEC Contactor Pump Starter**
- **Capacitor Start Kit 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 Run, Sensor/Float Activated, and Seal Fail (optional)
- **Automatic Resettable Alarm and Control Fuses**
- **Built-in Printed Circuit Board Surge Protection** ***(conformal coated)***
- **Easily Change Configurations**
  - Sensor Error Input, Automatic or Manual Alarm Reset, Redundant Start Enable, and System Normal Beacon Disable with optional Seal Fail Pump Stop Enable and Seal Fail Buzzer Enable
- **Sensor Options** ***(signaling device)***
  - Field Wire up to (4) Digital Inputs
  - Low Alarm/Redundant Off, Off, Start, and High Alarm
- **Included Auxiliary "Dry" Contacts**
  - Normally Open or Closed, General Alarm (any) plus Power Loss
- **Hand-Off-Auto (HOA) Pump Selector Switch**
  - Off Reminder, Yellow Flashing LEDs (beacon)
- **Configure/Test Button** ***(interior, circuit board)***
  - 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

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.

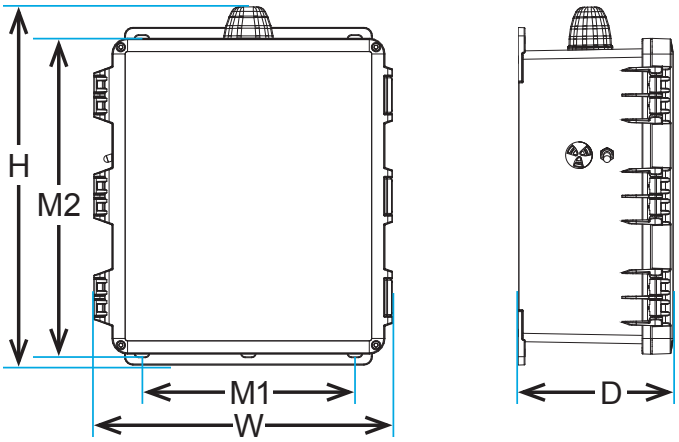
CHECK IT™ - SINGLE PHASE | SIMPLEX

Base Model	Control Panel Description
CKIC1S230	Check It™, Single Phase Simplex, Capacitor Start, 240VAC, Pump Circuit Breaker

Panel Code	Pump Full Load Amps (FLA)
C20	12.0 - 18.0 Amps
C25	16.0 - 24.0 Amps
C30	23.0 - 30.0 Amps
C40	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
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

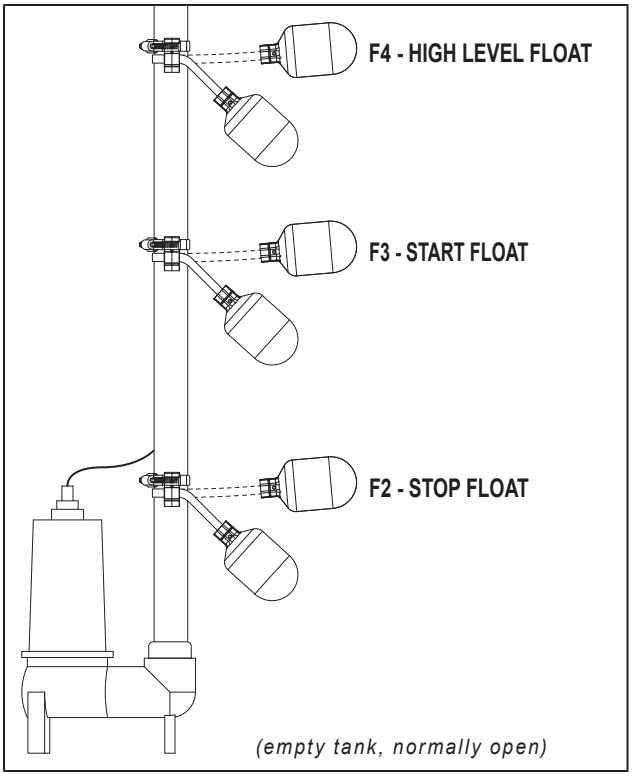
Example: CKIC1S230C20+3AGHPS30 *= Check It™, Single Phase Simplex, Capacitor Start, 240VAC, Pump Circuit Breaker, 12-18 Amps, (3) 30' Float Switches, Stainless Steel Pipe Clamps*



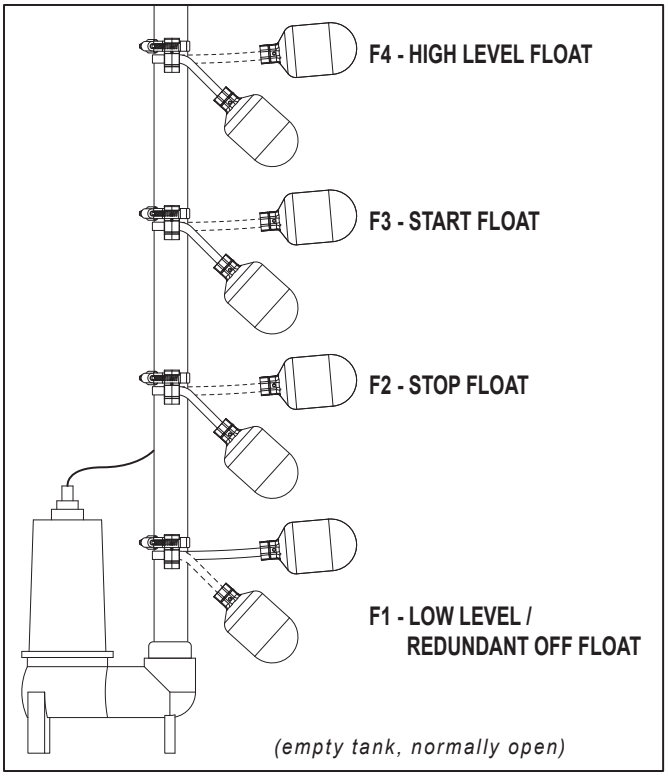
PANEL CODE (enclosure size)	OVERALL Width (W)	OVERALL Height (H)	OVERALL Depth (D)	MOUNTING Width (M1)	MOUNTING Height (M2)
Base Model (E3) *14 x 12 x 6*	14.01	17.85	7.27	10.24	14.83
E4 *16 x 14 x 8*	16.09	17.85	9.27	12.24	16.91
E5 *18 x 16 x 10*	18.16	19.85	11.27	14.25	18.99
E6 *20 x 16 x 8*	20.61	24.15	9.40	14.94	23.13

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, and F4).

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, and F4).

