

Pumptec, Pumptec-Plus, and QD Pumptec are monitoring devices designed for single-phase motors, providing advanced protection for motors from 1/3 to 5 hp against conditions like dry wells, waterlogged tanks, and abnormal voltage by automatically shutting off to prevent damage. Pumptec-Plus adds convenience with push button calibration for diagnostics, while QD Pumptec integrates directly within the QD Control Box, featuring customizable settings and plug-and-play installation without the need for extra wiring.

FEATURES

- **Motor Load Monitoring:** Safeguards against rapid load drops and preset level drops.
- **Indicator Lights:** Run and fault lights for easy system status checks.*
- **Adjustability:** Easily adjustable sensitivity settings and push button calibration.*
- **Sustainability:** Heavy-duty relay and a 30A contractor for enhanced durability.*
- **Safety Compliance:** UL/CSA listed.
- **Motor Compatibility:** Works with PSC, Split-phase CSCR, and CSIR motors.

*Model Dependant, see technical specifications

Technical Specifications			
	QD Pumptec	Pumptec	Pumptec-Plus
Model Number	5800070600	5800020610	5800060100 (60 Hz) 5800060502 (50 Hz)
Hp Rating	1/3 to 1	1/3 to 1.5	1/2 to 5
Voltage Rating	230V	115V / 230V	60Hz - 230 V 50Hz - 220V
Fequency	60 / 60 Hz		
Mounting Location	Inside Franklin QD Control Box	Indoor/ Outdoor	
Indicator Lights	No	Yes - Load/Voltage/Status	
Remote (IR)	No	Yes	No
Response Time	3 Seconds		
Reset Time	Adjustable: 2 to 240 min.	Adjustable: 2 to 120 min.	Adjustable: 1 to 256 min.
Alarm Contact Rating	N/A	1 Amp 115V/230V	N/A
Under/Overvoltage Time-out	2 Minutes		
Operating Temp Range	-15 °F to 130 °F		-15 °F to 140 °F
Sensitivity Adjustments	± 20%	40 to 90% SFL	N/A
Overvoltage Trip	+10%		
Undervoltage Trip	-10%		

RATINGS & FAULT CONDITIONS:

- Air or Gas Locked Pump (Cavitation)
- Broken Shaft or Coupling
- Clogged Well Screen
- Drop in Water Level
- Faulty Check Valve**
- High Voltage
- Low Voltage
- Low Yield Wells
- Rapid Cycling**
- Water Logged Tank**
- Worn Pump Parts

**Does not include QD Pumptec



Designed for 1/2 to 5 hp



For 2 & 3 wire motors, 1/3 to 1.5 Hp



Designed exclusively for QD Relay Control Box

CALL GEOTECH TODAY

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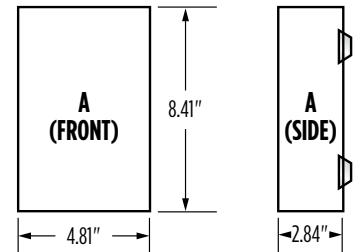
CONTROL BOXES:

Specialized control boxes are tailored for the three-wire, single-phase motors ranging from 1/3 to 15 hp. These control boxes are essential components of the submersible motor power system, and their thorough component testing guarantees top durability in the industry. These boxes ensure prolonged, dependable functionality for optimal system performance.

QD & CRC CONTROL BOX:

- Franklin Electric QD Relay
- Field Ready Design for Outdoor Installation
- Capacitor Start Mechanism
- Run Capacitor (exclusive to CRC Boxes)
- Certified by UL for the US & Canada (60 HZ models)

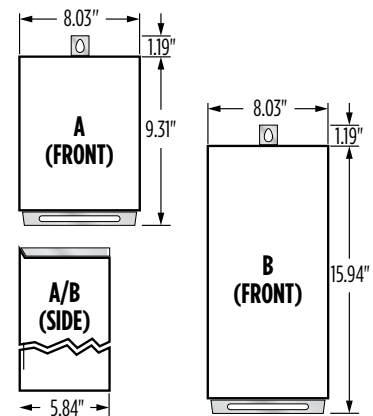
Hp (kW)	Volts	Type	Model	Enclosure
1/3 (0.25)	115	QD	280 102 4915	A
	230	QD	280 103 4915	A
1/2 (0.37)	115	QD	280 104 4915	A
	230	CRC	282 405 5015	A
3/4 (0.55)	230	QD	280 107 4915	A
	230	CRC	282 407 5015	A
1 (0.75)	230	QD	280 108 4915	A
	230	CRC	282 408 5015	A



STANDARD, DELUXE, & XL DELUXE CONTROL BOX:

- Terminal boxes accommodate up to AWG #2 wire
- Overload resets accessible externally
- Various sizes of knockout options
- Clear connection diagrams for ease of use
- Convenient access to grounding lugs

Hp (kW)	Volts	Type	Model	Enclosure
1(0.75) / 1.5 (1.1)	230	D	282 300 8310	A
	230	S	282 300 8110	A
2(1.5)	230	S	282 301 8110	A
	230	D	282 301 8310	A
3 (2.2)	230	S	282 302 8110	A
	230	D	282 302 8310	A
5 (3.7)	230	S	282 113 8110	A
	230	D	282 113 9310	B
7.5 (5.5)	230	S	282 201 9210	B
	230	D	282 201 9310	B
10 (7.5)	230	S	282 202 9230	B
	230	D	282 202 9330	B
15 (11)	230	D	282 203 9330	B



Notes: S= Standard Control Box; D= Deluxe Control Box

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