



SELECTING CONTROLS FOR YOUR STAINLESS STEEL AXIAL-FLOW PUMP

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ELECTRICAL CONTROL OPTIONS

INCOMING ELECTRIC POWER	COMPATIBLE TYPE OF CONTROLS	ELECTRICAL POWER TO PUMP
230V/1PH	_____ OPTION 1: 1 Phase Deluxe Control Box (Fixed Speed) 230V/1PH In - 230V/1PH Out	230V/1PH
	_____ OPTION 2: VFD Controls (Variable Speed) 230V/1PH In - 230V/3PH Out	230V/3PH
230V/3PH	_____ OPTION 1: 3 Phase Standard Control Box (Fixed Speed) 230V/3PH In - 230V/3PH Out	230V/3PH
	_____ OPTION 2: VFD Controls (Variable Speed) 230V/3PH In - 230V/3PH Out	230V/3PH
460V/1PH	_____ REQUIRES: VFD Controls (Variable Speed) 460V/1PH In - 460V/3PH Out	460V/3PH
460V/3PH	_____ OPTION 1: Three Phase Standard Control Box (Fixed Speed) 460V/3PH In - 460V/3PH Out	460V/3PH
	_____ OPTION 2: VFD Controls (Variable Speed) 3PH/460V In - 3PH/460V Out	460V/3PH



PUMP CONTROL OPTIONS

1 PHASE/230 VOLT CONTROL BOX

- Compatible with 1 Phase/230 Volt pumps

AVAILABLE HORSEPOWERS
1
1.5
2
3
5
7.5
10
15



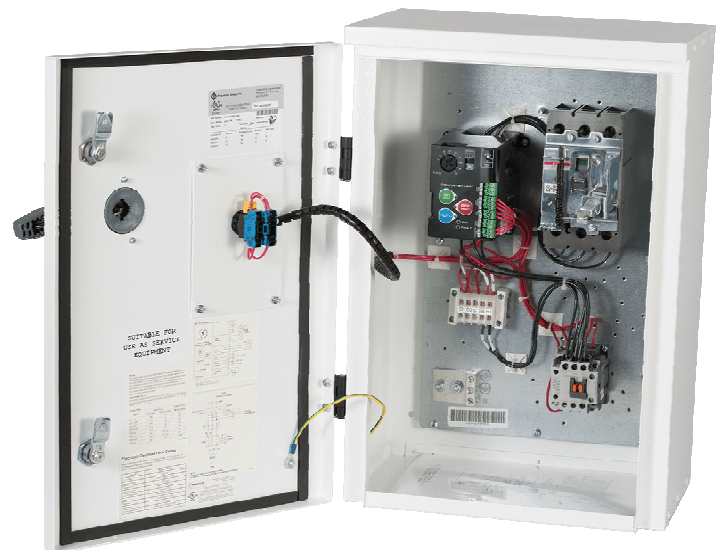


PUMP CONTROL OPTIONS

3 PHASE CONTROL BOX

- Available in 230 Volt, 460 Volt, and 575 Volt
- Runs at full speed (60Hz) only
- Compatible with 3 Phase pumps only

AVAILABLE HORSEPOWERS		
230V	460V	575V
1	1	1
1.5	1.5	1.5
2	2	2
3	3	3
5	5	5
7.5	7.5	7.5
10	10	10
15	15	15
20	20	20
25	25	25
	30	30
	40	40
	50	50
		60





PUMP CONTROL OPTIONS

ENCLOSED VARIABLE FREQUENCY (SPEED) DRIVE - VFD

- Available in 230 Volt, 460 Volt, 575, Volt
- For use with 3 Phase pumps
- Allows control of pump speed between half and full speed based on water level and/or application requirements
- Converts 1 Phase voltage to 3 Phase, or can be used with 3 Phase line voltage
- **Individual parts and components are replaceable**
- **Enclosure can be locked for increased security**

AVAILABLE HORSEPOWERS		
230V	460V	575V
1	1	1
1.5	1.5	1.5
2	2	2
3	3	3
5	5	5
7.5	7.5	7.5
10	10	10
15	15	15
20	20	20
25	25	25
30	30	30
40	40	40
	50	50
	60	60





PUMP CONTROL OPTIONS

STANDALONE VARIABLE FREQUENCY (SPEED) DRIVE - VFD

- Available in 230 Volt, 460 Volt, 575, Volt
- For use with 3 Phase pumps
- Allows control of pump speed between half and full speed based on water level and/or application requirements
- Converts 1 Phase voltage to 3 Phase, or can be used with 3 Phase line voltage

AVAILABLE HORSEPOWERS		
230V	460V	575V
1	1	1
1.5	1.5	1.5
2	2	2
3	3	3
5	5	5
7.5	7.5	7.5
10	10	10
15	15	15
20	20	20
25	25	25
30	30	30
	40	40
	50	50
	60	60

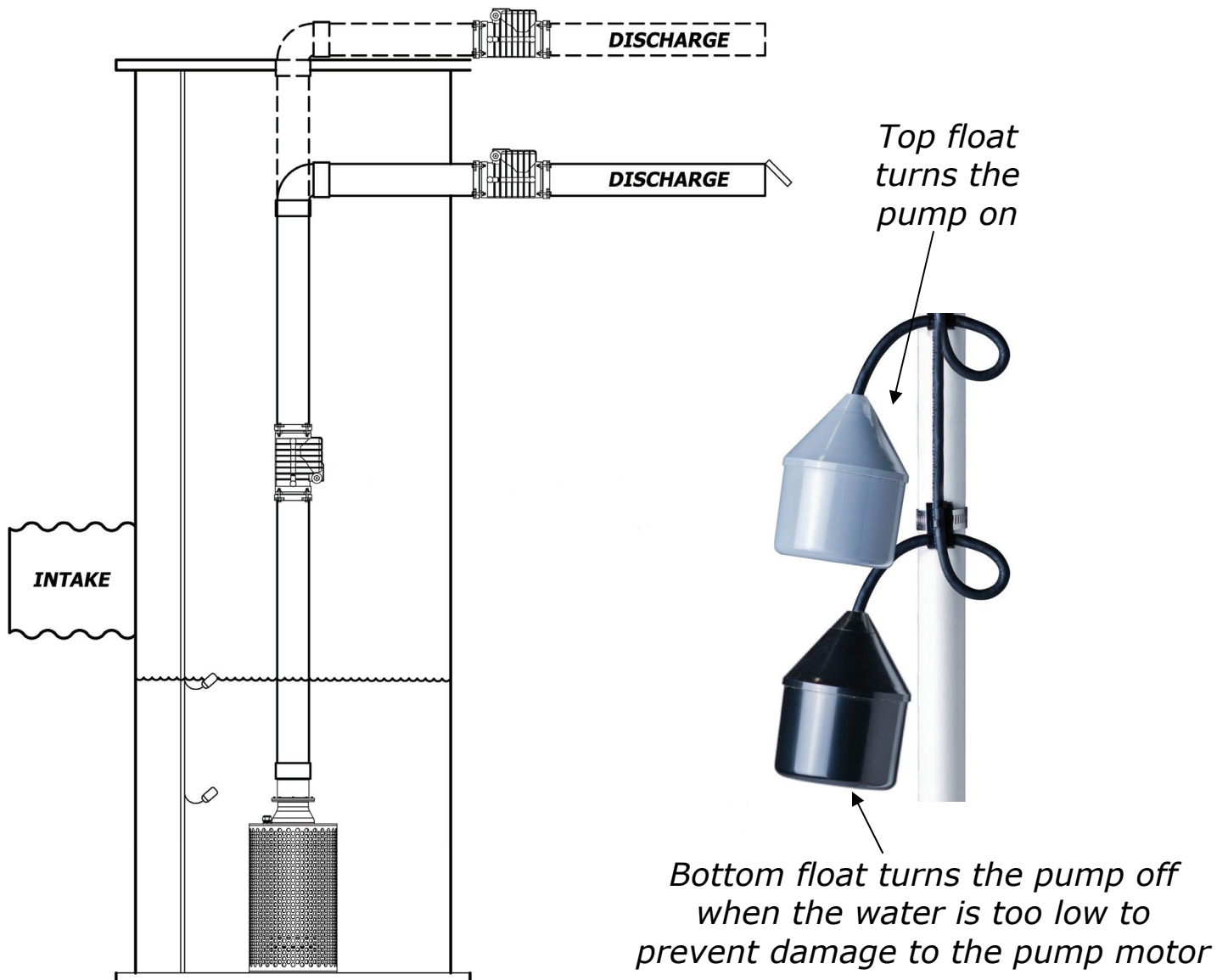




PUMP CONTROL OPTIONS

DOUBLE FLOAT PUMP SWITCH APPLICATION

- Generally used with a 1 Phase Control Box in pump-down applications
- Contains a holding relay which allows for separate ON and OFF levels to prevent rapid cycling of the pump

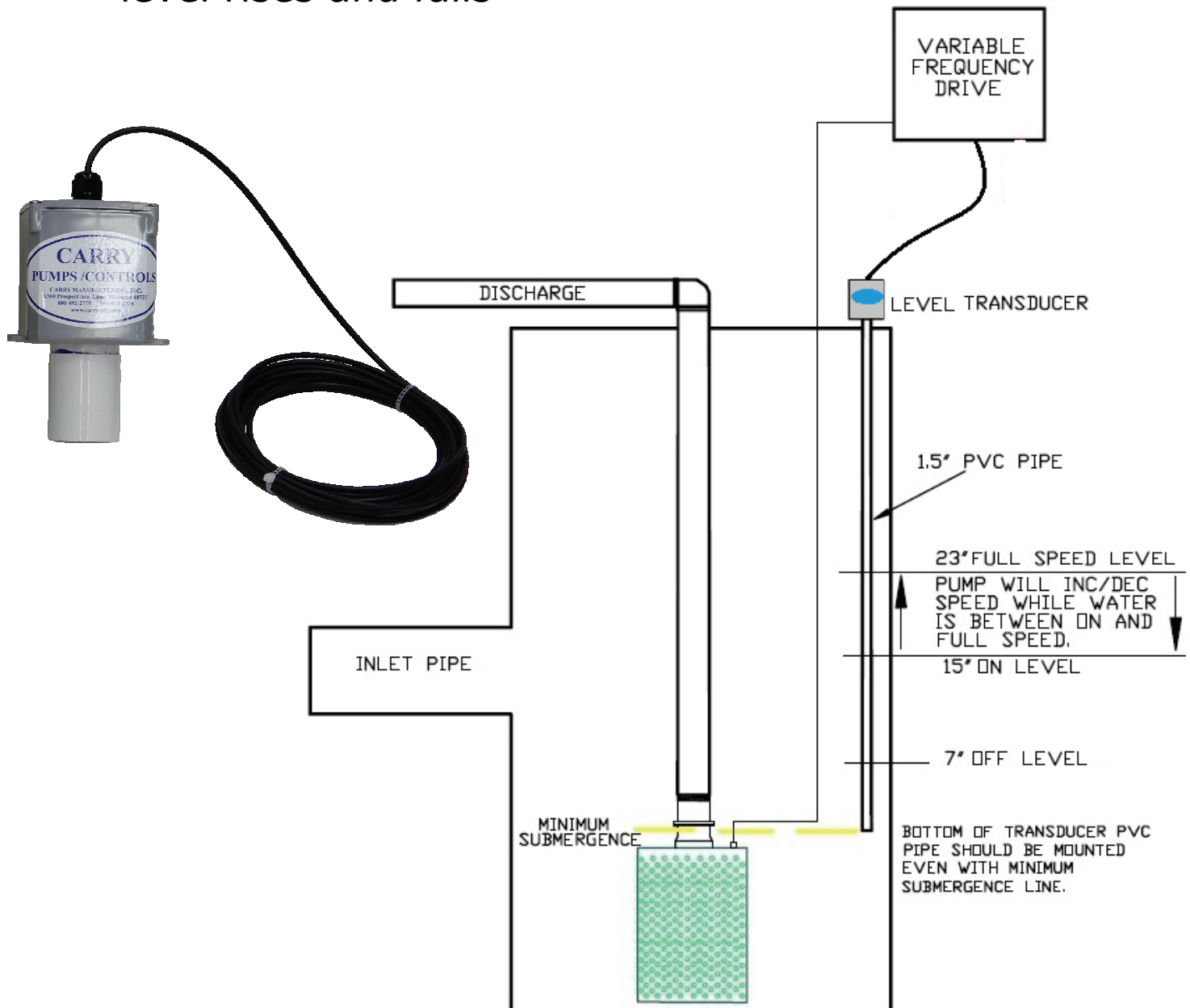




PUMP CONTROL OPTIONS

PRESSURE TRANSDUCER

- Used for 3 Phase pump applications with a VFD
- Allows pump to speed up or slow down as water level rises and falls





PUMP CONTROL OPTIONS

24/7 TIMER

- Capable of (8) ON/OFF events per day
- Can be used in conjunction with Floats and Pressure Transducer





PUMP CONTROL OPTIONS

LOW-LEVEL "OFF" FLOAT

- Can be used in all applications
- Turns pump off if water level drops too low

