

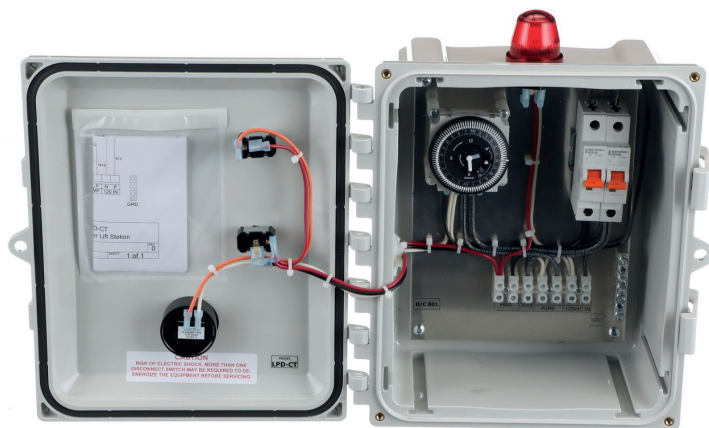


# Control Panels



CAPITAL SEPTIC SUPPLY





## FEATURES

- 10"x8"x4" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with two latches.
- Two circuit breakers for the protection of components.
- Clock timer pump operation with 15-minute intervals.
- Alarm light and Pizo electrical buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.

The LPD-CT is designed to be a simplex lift station with alarm. This control can be used for pump up or pump down operation. The pump operation is controlled by a Grasslin Pin Timer. With this timer, the pump can be operated on 15-minute intervals at any time of the day. This type of system is used mainly for night time operation where you only want the pump to operate during certain hours.

This control panel will operate a 120VAC single phase ½ HP pump or smaller. There are two circuit breakers in this control. The pump uses a 20 Amp single pole circuit breaker and the alarm uses a 10 Amp single pole circuit breaker. The alarm is designed to be used with a float switch. When the float switch closes, the 360 degrees top mounted red alarm light will come on and the Piezoelectric buzzer will sound. There are alarm test and buzzer silence switches mounted in the door of the enclosure. This control is mainly used to pump sewage from a septic holding tank to a treatment unit using a solid handling pump, or pumping treated effluent water from a septic holding tank to the dispersal area.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose-directed water and corrosive agents.

The 10"x8"x4" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminium back plate.





The LPD-B is designed to operate a simplex lift station with alarm. This control can be used for pump up or pump down operation. The pump operation is on demand with a two float set up. The two floats are Pump On/Off float and High Water Alarm float. This control does not have a contractor and all pump amperage will go through the On/Off-Pump Float.

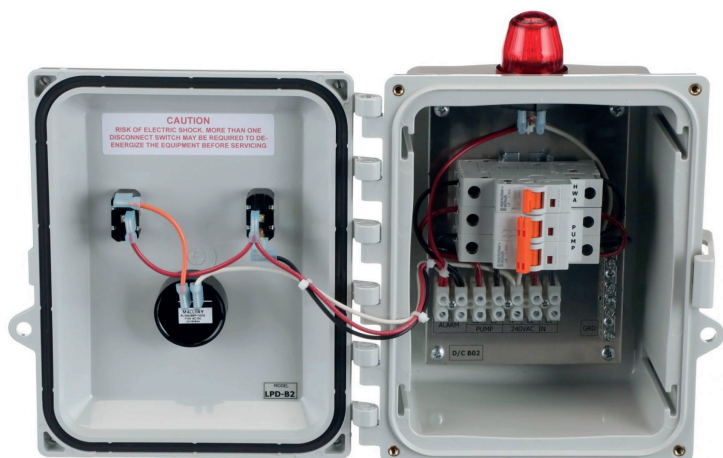
This control panel will operate a 120 VAC single phase 1/2 HP pump or smaller. There are two circuit breakers in this control. The pump uses a 20 Amp single pole circuit breaker and the alarm uses a 10 Amp single pole circuit breaker. The alarm is designed to be used with a float switch. When the float switch closes, the 360 degrees top mounted red alarm light will come on and the Piezoelectric buzzer will sound. There are alarm test and buzzer silence switches mounted in the door of the enclosure. This control can be used to pump sewage from a septic holding tank to a treatment unit or for pumping effluent from a low pressure dosing septic system.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose-directed water and corrosive agents. The 8"x6"x4" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminium back plate.

## FEATURES

- 8" x 6" x 4" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with one latch.
- Two circuit breakers for the protection of components.
- Demand operation using a pump rated wide-angle float.
- Alarm light and Pizo electrical buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.





## FEATURES

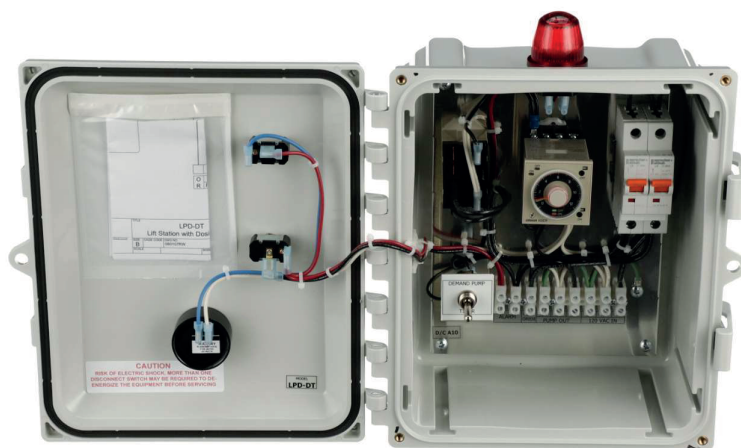
- 8" x 6" x 4" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with one latch.
- Two circuit breakers for the protection of components.
- Demand operation using a pump rated wide-angle float.
- Alarm light and Piezoelectric buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.

The LPD-B2 is designed to operate a simplex lift station with alarm. This control can be used for pump up or pump down operation. The pump operation is on demand with a two float set up. The two floats are Pump On/Off float and High Water Alarm float. This control does not have a relay, and all pump amperage will go through the On/Off-Pump Float. This control is designed to operate pumps with internal capacitors and a float switch that is already connected to the pump. If using external capacitor pumps, the capacitor kit from the pump manufacturer must be used.

This control panel will operate a 208/240 VAC single phase 2 HP pump or smaller. There are two circuit breakers in this control. The pump uses a 20 Amp double pole circuit breaker, and the alarm uses a 10 Amp single pole circuit breaker. The alarm is designed to be used with a float switch. When the float switch closes, the 360 degrees top mounted red alarm light will come on, and the Piezoelectric buzzer will sound. There are alarm test and buzzer silence switches mounted in the door of the enclosure. This control can be used to pump sewage from a septic holding tank to a treatment unit or for pumping effluent from a low pressure dosing septic system.

The enclosure has a NEMA rating of 4X which protects from falling dirt, falling liquids, hose-directed water, and corrosive agents. The 8"x6"x4" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminum back plate.





## FEATURES

- 10"x8"x4" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with two latches.
- Two circuit breakers for the protection of components.
- Repeat cycle timer for time dosing effluent applications.
- Pump timer/demand switch inside the enclosure.
- Alarm light and Pizo electrical buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.

The LPD-DT is designed to operate a simplex lift station with alarm. This control can be used for pump up or pump down operation. The pump operation is controlled by an Omron H3CRF8 repeat cycle timer. With this timer, the pump can be operated from one second to 30 hours with an independent run and rest time settings. This is helpful when wanting to move small volumes of water.

This control panel will operate a 120VAC single phase ½ HP pump or smaller. There are two circuit breakers in this control. The pump uses a 20 Amp single pole circuit breaker and the alarm uses a 10 Amp single pole circuit breaker. The alarm is designed to be used with a float switch. When the float switch closes, the 360 degrees top mounted red alarm light will come on and the Piezoelectric buzzer will sound. There are alarm test and buzzer silence switches mounted in the door of the enclosure. This control is mainly used to pump sewage from a septic holding tank to a treatment unit using a solid handling pump, or pumping treated effluent water from a septic holding tank to the dispersal area.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose-directed water and corrosive agents. The 10"x8"x4" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminium back plate.





## FEATURES

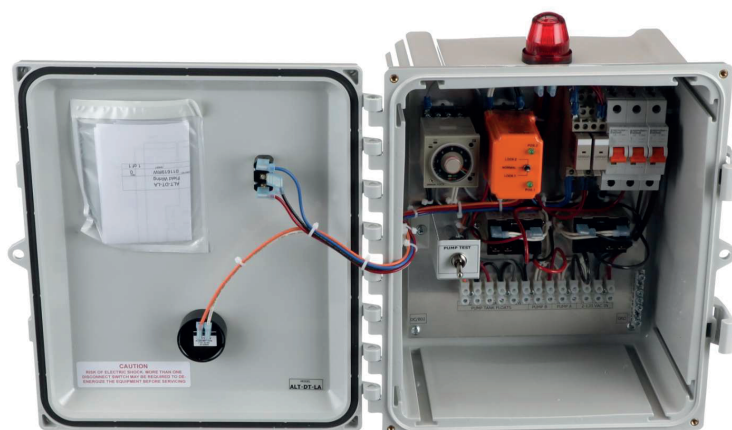
- 12"x10"x6" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with two latches.
- Three circuit breakers for the protection of components.
- Repeat cycle timer for time dosing effluent applications.
- Pump test switch inside the enclosure to check pump operation.
- Alarm light and Pizo electrical buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.

The ALT-DMD-LA is designed to operate a duplex lift station with alarm. This control can be used for pump up or pump down operation. The pump operation is controlled on demand by a three float set up. The three floats are primary pump On/Off, Alarm, and secondary pump On/Off float. This control is a duplex pump operation and will alternate pump load between both pumps. The control will switch pumps at the end of every pump cycle so the opposing pump will start on the next cycle. The alternating relay is switchable to lock the pump load onto either pump so if one pump needs to be removed for service or replacement the other pump will carry the full pump load.

This control panel will operate two 120VAC single phase 1/2 HP pump or smaller. There are three circuit breakers in this control. Each pump will have a 20 Amp single pole circuit breaker and the alarm uses a 10 Amp single pole circuit breaker. The alarm is designed to be used with a float switch. When the float switch closes, the 360 degree top mounted red alarm light will come on and the Pizo electric buzzer will sound. This control also has a latching alarm feature. This means when the Alarm float closes the alarm will stay on even if the tank returns to normal level. This alarm must be manually reset by turning the Alarm circuit breaker off, then back on. There is an alarm test and buzzer silence switch mounted in the door of the enclosure. This control is mainly used to pump sewage from a septic holding tank to a treatment unit using a solids handling pump, or pumping treated effluent water from a septic holding tank to the dispersal area.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose directed water and corrosive agents. The 12"x10"x6" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminum back plate.





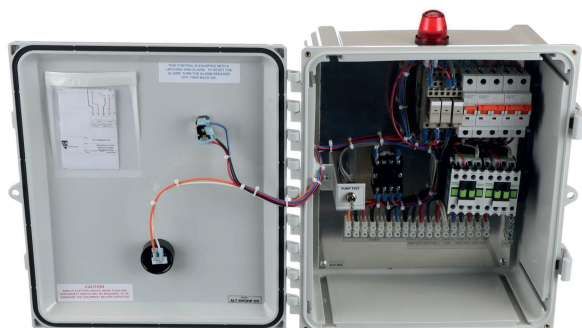
## FEATURES

- 12"x10"x6" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with two latches.
- Three circuit breakers for the protection of components.
- Repeat cycle timer for time dosing effluent applications.
- Pump test switch inside the enclosure to check pump operation.
- Alarm light and Pizo electrical buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.

The ALT-DT-LA is designed to operate a duplex lift station with alarm. This control can be used for pump up or pump down operation. The pump operation is controlled by an Omron H3CRF8 repeat cycle timer. With this timer the pumps can be operated from 1 second to 30 hours with independent run and rest time settings. This is helpful when wanting to move small volumes of water. The three floats are Timer Enable, Alarm, and secondary pump On/Off float. This control is a duplex pump operation and will alternate the pump load between both pumps. The control will switch pumps at the end of every pump cycle so the opposing pump will start on the next cycle. The alternating relay is switchable to lock the pump load onto either pump so if one pump needs to be removed for service or replacement the other pump will carry the full pump load. This control panel will operate two 120VAC single phase 1/2 HP pump or smaller. There are three circuit breakers in this control. Each pump will have a 20 Amp single pole circuit breaker and the alarm uses a 10 Amp single pole circuit breaker. The alarm is designed to be used with a float switch. When the float switch closes, the 360 degree top mounted red alarm light will come on and the Pizo electric buzzer will sound. This control also has a latching alarm feature. This means when the Alarm float closes the alarm will stay on even if the tank returns to normal level. This alarm must be manually reset by turning the Alarm circuit breaker off, then back on. There is an alarm test and buzzer silence switch mounted in the door of the enclosure. This control is mainly used to pump sewage from a septic holding tank to a treatment unit using a solids handling pump, or pumping treated effluent water from a septic holding tank to the dispersal area.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose directed water and corrosive agents. The 12"x10"x6" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminum back plate.





## FEATURES

- 14" x 12" x 6" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with two latches.
- Three circuit breakers for the protection of components.
- Demand operation using pump rated wide-angle floats.
- Pump test switch inside the enclosure to check pump operation.
- Alarm light and piezoelectrical buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.

The ALTDM2HPDV is designed to operate a duplex lift station with alarm. This control can be used for pump up or pump down operation. This control has three incoming power circuits. There will be an independent circuit for each pump and a 120 VAC circuit for the Alarm. This will allow this control to operate pumps from 120 VAC 4/10 HP up to a 240 VAC 2 HP with one control. The pump operation is controlled on demand by a three float set up. The three floats are primary pump On/Off, Alarm, and secondary pump On/Off float. This control is a duplex pump operation and will alternate the pump load between both pumps. The control will switch pumps at the end of every pump cycle so the opposing pump will start on the next cycle. The alternating relay is switchable to lock the pump load onto either pump so if one pump needs to be removed for service or replacement the other pump will carry the full pump load.

This control panel will operate two 120/208/240 VAC single phase 2 HP pumps or smaller. There are three circuit breakers in this control. Each pump will have a 20 Amp double pole circuit breaker and the alarm uses a 10 Amp single pole circuit breaker. The alarm is designed to be used with a float switch. When the float switch closes, the 360 degrees top mounted red alarm light will come on and the Piezoelectric buzzer will sound. This control also has a latching alarm feature. This means when the Alarm float closes the alarm will stay on even if the tank returns to a normal level. This alarm must be manually reset by turning the Alarm circuit breaker off, then back on. There is an alarm test and buzzer silence switch mounted in the door of the enclosure. This control is mainly used to pump sewage from a septic holding tank to a treatment unit using a solid handling pump or pumping treated effluent water from a septic holding tank to the dispersal area.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose-directed water and corrosive agents. The 14"x12"x6" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminium back plate.







## FEATURES

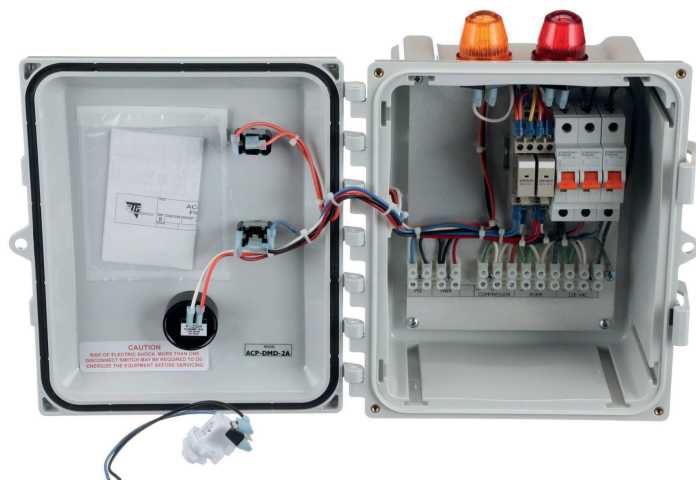
- 14" x 12" x 6" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with two latches.
- Three circuit breakers for the protection of components.
- Repeat cycle timer for time dosing effluent applications.
- Pump test switch inside the enclosure to check pump operation.
- Alarm light and Piezoelectric buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.

The ALTD2HPDV is designed to operate a duplex lift station with alarm. This control can be used for pump up or pump down operation. This control has three incoming power circuits. There will be an independent circuit for each pump and a 120 VAC circuit for the Alarm. This will allow this control to operate pumps from 120 VAC 4/10 HP up to a 240 VAC 2 HP with one control. The pump operation is controlled by an Omron H3CRF8 repeat cycle timer. With this timer, the pumps can be operated from 1 second to 30 hours with an independent run and rest time settings. This is helpful when wanting to move small volumes of water. The three floats are Timer Enable, Alarm, and secondary pump On/Off float. This control is a duplex pump operation and will alternate the pump load between both pumps. The control will switch pumps at the end of every pump cycle so the opposing pump will start on the next cycle. The alternating relay is switchable to lock the pump load onto either pump so if one pump needs to be removed for service or replacement the other pump will carry the full pump load.

This control panel will operate two 120/208/240 VAC single phase 2 HP pumps or smaller. There are three circuit breakers in this control. Each pump will have a 20 Amp single pole circuit breaker and the alarm uses a 10 Amp single pole circuit breaker. The alarm is designed to be used with a float switch. When the float switch closes, the 360 degrees top mounted red alarm light will come on and the Piezoelectric buzzer will sound. This control also has a latching alarm feature. This means when the Alarm float closes the alarm will stay on even if the tank returns to a normal level. This alarm must be manually reset by turning the Alarm circuit breaker off, then back on. There is an alarm test and buzzer silence switch mounted in the door of the enclosure. This control is mainly used to pump sewage from a septic holding tank to a treatment unit using a solid handling pump, or pumping treated effluent water from a septic holding tank to the dispersal area.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose-directed water and corrosive agents. The 14" x 12" x 6" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminum back plate.





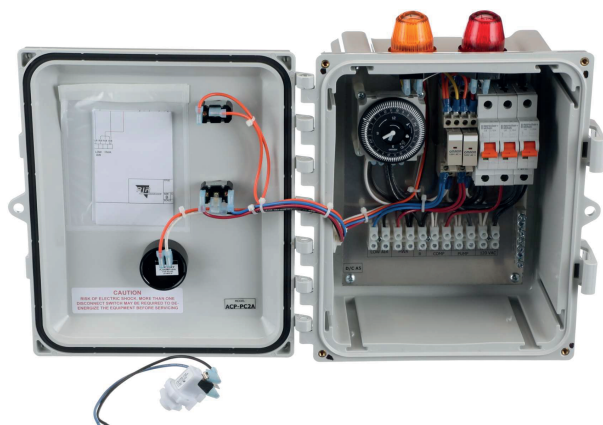
The ACP-DMD-2A is designed to operate an aerobic treatment unit. This control panel will power one rotary or linear air compressor and one effluent pump. The control will monitor the water level and system air pressure. There will be a 360 degree top mounted red light for high water conditions and a 360 degree top mounted amber light for low air pressure conditions. There is a piezoelectric buzzer in the door of the enclosure. The 20 Amp pump circuit breaker will supply a 120VAC single phase 1/2 HP or smaller pump on demand. There will be a normally open pump float wired inline of the pump power that will allow the pump to run any time the float raises. The 10 Amp air compressor circuit breaker will power one rotary or linear air compressor continuously. The 10 Amp alarm circuit breaker will power the alarm circuit. The High Water alarm is designed to be used with a normally open float switch. When the high water float switch raises the red alarm light and buzzer will activate. A standard 1 PSI pressure switch is included in the control that will monitor the system pressure. The Normally Closed contact of the switch should be used and anytime the pressure of system drops below 1 psi, the amber alarm light and buzzer will activate. There are alarm test and buzzer silence switches mounted in the door of the enclosure.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose directed water and corrosive agents. The 10"x8"x4" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminum back plate.

## FEATURES

- 10"x8"x4" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with two latches.
- Three circuit breakers for the protection of components.
- Demand operation using a pump rated wide-angle float for aerobic spray.
- 1 PSI pressure switch for monitoring system air pressure.
- Alarm light and Pizo electrical buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.





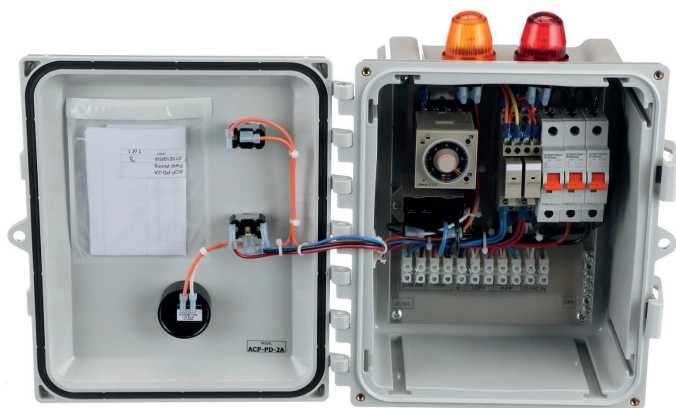
The ACP-PC-2A is designed to operate an aerobic treatment unit. This control panel will power one rotary or linear air compressor and one effluent pump. The control will monitor the water level and system air pressure. There will be a 360 degree top mounted red light for high water conditions and a 360 degree top mounted amber light for low air pressure conditions. There is a pizo electric buzzer in the door of the enclosure. The 20 Amp pump circuit breaker will supply a 120VAC single phase 1/2 HP or smaller pump. The pump operation is controlled by a Grasslin Pin Timer. With this timer the pump can be operated on 15 minute intervals at any time of the day. This type of system is used mainly for night time aerobic spray operation where you only want the pump to operate during certain hours. The 10 Amp air compressor circuit breaker will power one rotary or linear air compressor continuously. The 10 Amp alarm circuit breaker will power the alarm circuit. The High Water alarm is designed to be used with a normally open float switch. When the high water float switch raises the red alarm light and buzzer will activate. A standard 1 PSI pressure switch is included in the control that will monitor the system pressure. The Normally Closed contact of the switch should be used and anytime the pressure of system drops below 1 psi, the amber alarm light and buzzer will activate. There are alarm test and buzzer silence switches mounted in the door of the enclosure.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose directed water and corrosive agents. The 10"x8"x4" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminum back plate.

## FEATURES

- 10"x8"x4" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with two latches.
- Three circuit breakers for the protection of components.
- Demand operation using a pump rated wide-angle float for aerobic spray.
- 1 PSI pressure switch for monitoring system air pressure.
- Alarm light and Pizo electrical buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.





The ACP-PD-2A is designed to operate an aerobic treatment unit. This control panel will power one rotary or linear air compressor and one effluent pump. The control will monitor the water level and system air pressure. There will be a 360 degree top mounted red light for high water conditions and a 360 degree top mounted amber light for low air pressure conditions. There is a pizo electric buzzer in the door of the enclosure. The 20 Amp pump circuit breaker will supply a 120VAC single phase 1/2 HP or smaller pump. The pump operation is controlled by an Omron H3CRF8 repeat cycle timer. With this timer the pump can be operated from one second to 30 hours with independent run and rest time settings. This is helpful when wanting to move small volumes of water like aerobic drip systems.. The 10 Amp air compressor circuit breaker will power one rotary or linear air compressor continuously. The 10 Amp alarm circuit breaker will power the alarm circuit. The High Water alarm is designed to be used with a normally open float switch. When the high water float switch raises the red alarm light and buzzer will activate. A standard 1 PSI pressure switch is included in the control that will monitor the system pressure. The Normally Closed contact of the switch should be used and anytime the pressure of system drops below 1 psi, the amber alarm light and buzzer will activate. There are alarm test and buzzer silence switches mounted in the door of the enclosure.

The enclosure has a NEMA rating of 4X which provides protection from falling dirt, falling liquids, hose directed water and corrosive agents. The 10"x8"x4" enclosure is made of Polycarbonate and has a hinged lockable door with latches and included screws to secure the door if required. All electrical components are mounted inside the enclosure on an aluminum back plate.

## FEATURES

- 10"x8"x4" Polycarbonate Enclosure, NEMA 4X
- Hinged lockable door with two latches.
- Three circuit breakers for the protection of components.
- Repeat cycle timer for time dosing effluent applications.
- 1 PSI pressure switch for monitoring system air pressure.
- Alarm light and Pizo electrical buzzer.
- Alarm test and buzzer silence switch.
- Captive terminal strip for field wiring.





CAPITAL SEPTIC SUPPLY

