



PDC-Series Duplex Controller



Indoor model shown

Models:

PDC-115
Indoor NEMA 1, 115V

PDCW-115
Outdoor NEMA 4X, 115V

PDC-230
Indoor NEMA 1, 230V

PDCW-230
Outdoor NEMA 4X, 230V

***Duplex Control
system monitors
the operation of
two grinder
pumps***

***Available in 115V
and 230V***

Features:

- Automatically alternates pump operation – equalizing wear and extending pump life
- Plug-in ready wiring for easy and quick installation (indoor models only)
- 10' and 25' float length available
 - Factory wired floats with quick-disconnect at box (indoor models only)
 - Green power indicator
 - Green pump run indicators
 - Audible and visual alarm
 - Auxiliary contacts
 - 9 volt alarm back-up
- Receptacles are angled to accept standard or right-angled plugs
- Programmed automatic 6 hour run limiter protects against run-dry or runaway pump conditions

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PDC-Series Duplex Controller

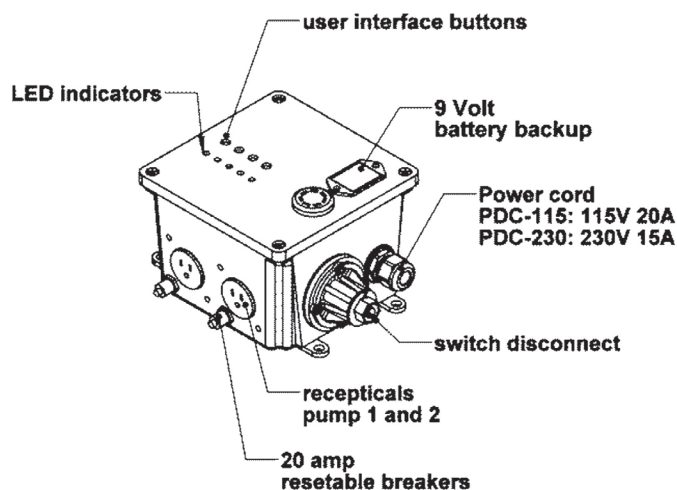
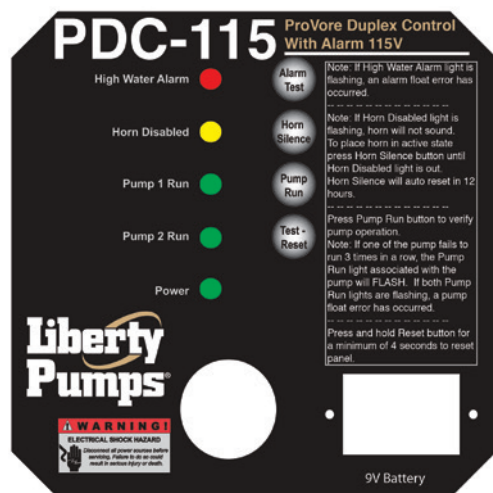
Technical Specifications

PDC panels control the operation of two pumps. The system includes a primary pump control float and an alarm float. LED indicators show power on, pump run status, alarm status, and horn enable/disable status. Operator push-button controls are available to manually run the pumps, to manually test the alarm and to disable or enable the alarm horn, as well as reset the system. Both pumps are individually protected with a manual reset fuse to isolate a failed pump.

When incoming fluid activates the primary pump switch, the controller will energize one of the pumps. When water level in sump recedes, the pump will turn off when the primary pump switch drops to the off position. Upon the next pumping cycle, the controller will activate the next pump in sequence from the one

that ran previously, providing a pumping redundancy for the system. The controller will continue to alternate pumps on each cycle.

If a pump fails to operate, the alarm will activate and the second pump will be called on to operate.



PDC-series controllers feature a programmed 6 hour run limiter for pump protection. If the alarm float remains closed (up position) for 6 hours but the primary float switch is open (down position) the alarm light will flash and the pump is turned off. This feature prevents the pump from running indefinitely and protects against run-dry situations.



Model*	Volts	PH	H _z	Float Length	Enclosure	Weight	Depth	Width	Height
PDC-115	115	1	60	10'	Indoor NEMA 1	7 lbs	4.5"	6"	6"
PDC-115-2	115	1	60	25'	Indoor NEMA 1	8 lbs	4.5"	6"	6"
PDCW-115	115	1	60	10'	Outdoor NEMA 4X	9.5 lbs	4"	8"	8"
PDCW-115-2	115	1	60	25'	Outdoor NEMA 4X	10 lbs	4"	8"	8"
PDC-230	230	1	60	10'	Indoor NEMA 1	7 lbs	4.5"	6"	6"
PDC-230-2	230	1	60	25'	Indoor NEMA 1	8 lbs	4.5"	6"	6"
PDCW-230	230	1	60	10'	Outdoor NEMA 4X	11.5 lbs	4"	8"	10"
PDCW-230-2	230	1	60	25'	Outdoor NEMA 4X	12 lbs	4"	8"	10"

* All PDC duplex controllers have 20 amp breakers with reset.

Specifications subject to change without notice.

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