

Liberty Pumps®

ProVore®

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

ProVore® Duplex Control system monitors the operation of two ProVore® 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' cord 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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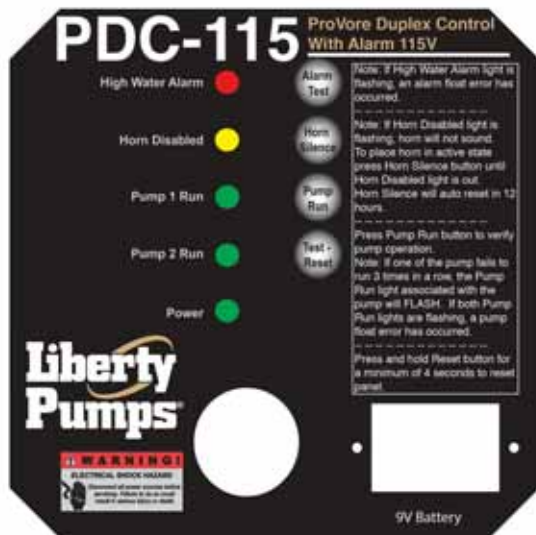
Technical Specifications

PDC panels control the operation of two ProVore® residential grinder 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.

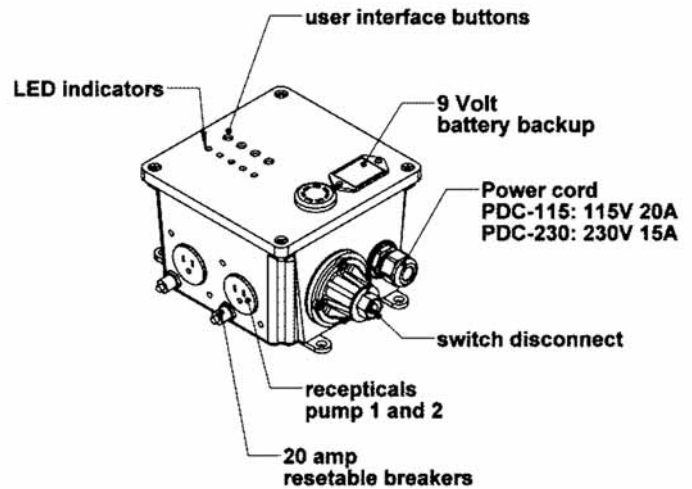
When incoming fluid activates the primary pump switch, the controller will energize one of the pumps. When water level in sump recedes, the pump will turn off when the primary pump switch drops to the off position. Upon the next pumping cycle, the controller

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.



Model	Indoor	Outdoor
Depth	4.5"	5"
Width	6"	10.5"
Height	6"	11"
Breakers	20 amp with reset	



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	HZ	Cord Length	Enclosure	Weight
PDC-115	115	1	60	10'	Indoor NEMA 1	7 lbs
PDC-115-2	115	1	60	25'	Indoor NEMA 1	8 lbs
PDCW-115	115	1	60	10'	Outdoor NEMA 4X	8 lbs
PDCW-115-2	115	1	60	25'	Outdoor NEMA 4X	9 lbs
PDC-230	230	1	60	10'	Indoor NEMA 1	7 lbs
PDC-230-2	230	1	60	25'	Indoor NEMA 1	8 lbs
PDCW-230	230	1	60	10'	Outdoor NEMA 4X	8 lbs
PDCW-230-2	230	1	60	25'	Outdoor NEMA 4X	9 lbs



Specifications subject to change without notice.