

Wind Control Panel (WCP-D)

Primus Wind Power is pleased to offer a digital wind control panel for use with all AIR Wind Turbines (see chart below). The panel is easy to install and will result in a professional operator station enhancing the beauty and value of the Hybrid system installation. WCP-D includes a full indoor only, black plastic enclosure. Dimensions are: L - 6.5 inch / W - 4.25 inch / D - 2.5 inches. The WCP - D helps to reduce installation costs and makes wiring a snap with just 4 wires to connect. The panel is available in 5 models specific to the AIR Wind Turbine – voltage and type.

P/N	BREAKER SIZE	TURBINE TYPE
2-ARAC-D-5	5 A	AIR 40/BREEZE – 48 V
2-ARAC-D-10	10 A	AIR 40/BREEZE – 24 V
2-ARAC-D-20	20 A	AIR 30/AIR X MARINE/SILENT X – 48 V AIR 40/AIR BREEZE – 12 V
2-ARAC-D-25	25 A	AIR 30/AIR X MARINE/SILENT X – 24 V
2-ARAC-D-40	40 A	AIR 30/AIR X MARINE/SILENT X – 12 V



MSRP - \$309

The **WCP-D** controls and monitors the wind turbine. It is equipped with a power On/Off circuit breaker, digital meter and a Stop/Run switch (for direct control of the turbine). The digital meter (equipped with a 50 amp shunt) provides critical operational information; real time battery voltage, current in amps, power in Watts and accumulated energy in W/hours (re-settable). A clearly marked rear terminal block, The WCP terminal blocks, which will accept an 8 AWG or smaller wire size, provides for easy interconnect of the two turbine wires and two battery power wires. If a larger gauge wire is required, use a few inches of 8 AWG wire to transition to the terminal blocks. Panel is fully factory calibrated and ready for installation.



WIND CONTROL PANEL DIAGRAM

