

Airpulse PK Cushion System

Product Specifications

System Components

Cushion
Cushion Cover
Controller (*contains the control panel, micro-processor, air pump and battery pack*)
Controller Cover
Battery Charger (*for Battery and Hybrid Models*)
One-year manufacturers warranty

Cushion

Material..... Soft but durable Neoprene outer skin 1/16" thick
Configuration..... 16 individual sculpted Air Cells (*may vary for certain sizes*)
Air Bladders..... Each air cell has an internal Nylon air bladder for strength
Size..... Any size configuration between 15" x 15" to 26" x 26"
Thickness..... 3" to 3½" without load and 1½" " to 2" with load
Flexibility..... Ischial Air Cells are attached with Velcro and can be repositioned
Safety..... Each Air Cell has a foam insert to prevent bottoming out
Air Hoses..... 29" long from Cushion to Controller
Cover..... Stretchable, breathable and anti-microbial fabric – machine wash & dry
Weight..... Approximately 4 to 6 lbs. depending on size

Controller

Control and power mechanism. Automatically pumps air in and releases air out of the different air cells of the cushion. The amount of air pressure (firmness) of each air cell and the duration of time the cells are inflated (cycle time) is set by pushing the control panel.

Material..... Box made of ABS, flame-retardant, plastic 1/8" thick
Size..... 8" wide X 5" high X 3" deep
Models..... Three different types depending on power source: Battery Model, Power Chair Model or Hybrid Model (combination of both).
Alarms..... Low pressure and low battery audio/visual alarms
Battery Lithium-Ion battery pack rated at 67.92 Whrs.
..... Conforms to Department of Transportation air travel specifications
..... 45 hours of run-time per charge for Battery or Hybrid models
Power Chair Cable.... Cable from Controller to Power Chair battery = 3 ft.
Pressure Alarm Setting.. (.2 PSI)
Mini Remote..... 1.5" X 2" X 1" – cord length 34" and extends to 60"
Deluxe Remote..... 2.5" X 5" X 1" – cord length 34" and extends to 60"
Cover Material..... Heavy weight, moisture resistant, Cordura with clear plastic window
Cover Straps..... 3 Velcro straps each 24" long for attaching Controller to chair
Controller Weight..... 3 to 4 lbs. depending on Model type
Power Chair ModelUses 1/10th amp per hour

Shipping Weight

Total System Weight = approximately 8-10 lbs. (Cushion, Controller, Charger & covers)