

Electrical Power Requirements for our Blowers

When running multiple blowers from power sockets on the same circuit, use the requirements below to consult a qualified electrician. **Each** bouncy castle would require 1 blower and 1.68kW of power from a single power socket no more than 40m away from the setup area. Please find below the specifications from our manufacturer of the type of blowers most of our inflatables use.

GIBBONS 1.5HP BLOWER SPECIFICATIONS

Usage Bouncy Castle Fans, Fans for Inflatable Obstacle Courses, Fans for Inflatable Sport Units

Material Galvanised Steel Sheet

Rated input power **1.68kW**

Rated output power **1.1kW**

Horsepower **1.50Hp**

Motor type TE

Motor phase AC

Voltage **220-240v**

Frequency 50Hz

Starting current 22A

Max running current 7.3/7.0A

Capacitor type 25µF

Insulation class F

Maximum motor speed 2800 rpm

Performance @ 4"wg 1050 cfm

Performance @ 1000 pa 1784 m3/hr

IP rating fan 55

Maximum power 44

Weight 16.6Kg / 36.6lbs

Product dimensions 41cm x 22cm x 53cm / 16.113" x 8.646" x 20.829"

Packaging dimensions 46cm x 28cm x 53cm / 18.078" x 11.004" x 20.829"

Plug type CEE Form Plug, 2P+E, 16A

Decibel level @ 5M **83dBA**

Power supply Single Phase

Casing type Metal

Inflatable size Up to 8M x 8M (24ft x 24ft)



