

"ASK LANDMARK" GUIDE TO BLOWERS



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Share your requirements upfront. If blower noise is a major concern for your space, address this specifically when discussing your project with us.



WHAT ARE BLOWERS?

How do you turn your custom inflatable from a heap of colorful fabric into an awesome eye-popping shape? With an electric-powered blower.

Blowers come in all types, shapes, and sizes, but all serve the same basic purpose: They push air into your inflatable and apply pressure to that air in order to transform your inflatable into its final form – a stunning arch, tower, tunnel, product replica, team mascot, you name it.

Which Blower Is Best for My Project?

Not all blowers work with all inflatable designs. So, how can you tell which models will suit your particular project? Leave it to Landmark. Drawing on years of experience, your Landmark design team will choose just the right blower to meet your specific needs.

How Much Wattage Is Needed to Power My Blower?

- For normal, simpler inflatables, you'll need at least 800W per blower.
- For larger or more intricate shapes, figure on 2000W per blower.

How Long Will It Take to Inflate My Inflatable?

- With a normal standard blower, it should take about 1-5 minutes.
- With a quick-inflation blower (High CFM), it can take < 30 seconds.

What Gauge of Extension Cords Should I Use?

That depends on the length of the cord:

- 50-foot (or under) cords should be 12 AWG wire gauge.
- 100-foot cords should be 8 AWG wire gauge.

Please note: We do not recommend running power farther than 200 feet.

How Loud Are Blowers?

- Standard blowers produce about 60-80 DbA (weighted decibels) of sound – about as loud as a vacuum cleaner.
- Quiet blowers produce about 30 to 60 DbA – closer to the hum of a refrigerator.

What Kinds of Blowers Are Available?

Ask your Landmark design team for help to make sure your particular model meets your specific needs.



Standard Blowers

With their combination of good pressure and good inflation times, these blowers are all-around favorites.

Standard Blower Specs:

Internal Mounting: Yes

Sound: 50-80db

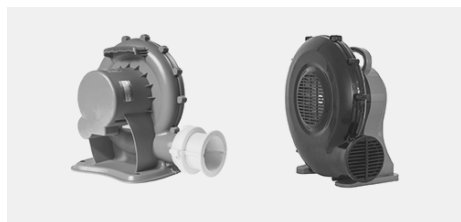
(about the same as a vacuum cleaner)

Power draw:

- 300W (small blower)
- 1500W (normal size blower)

Inflation times:

- 1 minute for a 10-foot shape
- 5 minutes for a 20-foot shape



High Pressure Blowers

These workhorses apply a lot more pressure, so they're ideal for making smaller shapes rigid.

High Pressure Blower Specs:

Internal Mounting: Yes

Sound: 70-80db

(about the same as a hair dryer)

Power draw:

- 1200W

Inflation times:

- 1 minute for a 10-foot shape
- 10+ minutes for a 20-foot shape



High CFM Blowers

These models move a lot of air quite efficiently, so they inflate shapes amazingly fast. Plus, they keep enough air inside larger shapes so those shapes will stay inflated longer.

High CFM Blower Specs:

Internal Mounting: No

Sound: 70-80db

(about the same as a hair dryer)

Power draw:

- 1200W

Inflation times:

- 15 seconds for a 10-foot shape
- 2 minutes for a 20-foot shape

What's the Advantage of Adding a Second Blower?

Time-saving convenience! An additional blower will increase the CFM – Cubic Feet of Air Moved per Minute – so it can cut your inflation time in half. At the same time, though, it won't noticeably affect air pressure.

