

# What makes a gutter vacuum powerful?

Many vacuums on the market are either quick sprinters or strong weightlifters, it's rare that you'll get a machine or system that can do both. But why is that?

## AIR FLOW AND SUCTION LIFT

Air flow and suction lift are the two elements that come into play when it comes to developing a vacuum.



**AIR SPEED**



Force that transfers light debris through the tubes

Quicker the airspeed quicker the transfer



**SUCTION LIFT POWER**



Force that holds an object at the end of tube

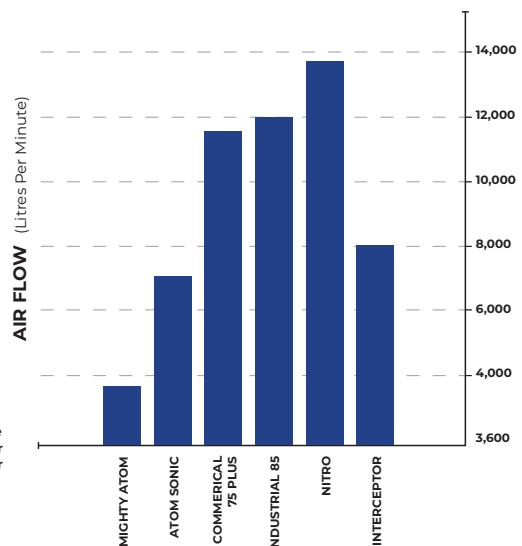
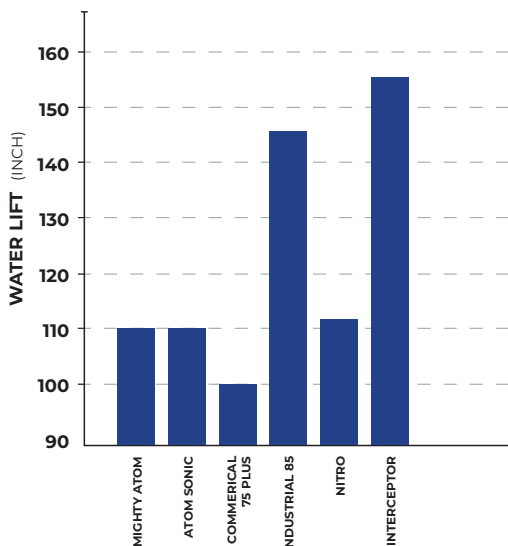
The higher inch lift the heavier the object that can be lifted



## 2 dynamics within all vacuums

Very few gutter vacuums have the capacity to deliver both high air flow and suction power at the same time.

Our skyVac gutter vacs are the exception to this rule, each are individually engineered to deliver both maximum air flow and water lift.



Base line of both graph indicate the professional sector standard for Water Lift & Air Flow