

New Auto Blast Gate System

Easily add extra pick-up points

With Spiral's Auto Blast Gate System, you can easily add your Miter Box, Chop Saw, or other equipment to your dust collection system without increasing the size of your collector. And with more pick-up points you:

- Eliminate dust in hard-to-reach areas
- Reduce manual clean up time
- And increase safety

Increase efficiency and performance

Auto Blast Gate also increases the performance and efficiency of your overall system by:

- Eliminating the manual open-

Increase the Capacity of Your Dust Collection System and Grab Sawdust at Those Hard to Reach Pick-up Points without Buying a Larger Collector

ing and closing of gates

- Eliminating bent gates that only partially close
- And eliminating accidentally left open gates that reduce vacuum at

other pick-up points

With fewer open, or partially open, gates your system runs more efficiently and performs better. *Retrofit all of your manual gates with Auto Blast Gate and get peak efficiency and performance from your dust collection system at all times.*

Here's how it works

When you pull the trigger on your saw, a special sensor detects the current, opens the gate, and the initial "burst" of vacuum immediately clears the blade. Full suction continues until the trigger is released and the gate automatically closes. What could be simpler or more efficient?

Installs In Six Easy Steps 120 Volt Current Sensor

Installation of Auto Blast Gate System on Power Miter Box*

CAUTION: Do not plug Current Sensor unit into power outlet until installation is complete. To be installed by a qualified electrician according to NEC standards.



Install blast gate on spiral pipe. Make sure cylinders and hoses can move freely when gate is activated.



Install blast gate control on wall or on pipe so that air lines can move freely when the unit is activated.



Install current sensing signal generator. Position device so the saw's power cord can be plugged into the unit and so the unit's power cord can be plugged into a 120 volt outlet. Make sure signal cord can be tied into the blast gate control.



CAUTION: Do not plug in current sensing signal generator until installation is complete. Remove knockout in blast gate control and connect signal cord to box. Connect to air valve wires. Black to black, black to white, and green to box ground.



When wiring is complete, install covers, and use wire ties to secure control wires and hoses. Operating pressure range: 40 PSI to 150 PSI.



Connect air inlet hose to air supply. Plug saw into outlet on current sensing signal generator, and plug current sensing signal generator into 120 volt outlet. Test by starting the miter box. The Auto Blast Gate will open when saw is started.

* Consult Spiral Mfg. for other applications.