

GOVE LDMY Extractor Series

Designed for the Woodworking Industry



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GOVE Extractors are designed to meet the demanding requirements of the Australian Woodworking Industry:

Handle mixed dust loads

Fine dust from the CNC, PVC trimmings from the Edgebander and Shavings from solid wood machines are often generated at the same time.

To deal with this the dirty air enter an expansion chamber below the filters slowing the airflow and immediately dropping the heavier waste into the bin. The fine dust then travels to the filters in an efficient spiral action

The Extended Hopper height assists as it creates a 'downwards' airflow, preventing dust in the bin from lifting. The 60 degree hopper prevents any waste bridging in this area.

This all combines to deliver a system ideally suited to the waste flow from a typical Woodworking shop.

No waste passes through your fan

Inevitably your extraction will pick up small offcuts.

To deal with this GOVE is a 'clean air' design – the fan is downstream of the filters so only clean air passes through it

This is significantly quieter and avoids any damage to the fan from offcuts and abrasive wear of the fan blades.

Another important advantage is the inside of the extractor is operating at lower pressure than the outside atmosphere. Dust escape is impossible.

The Waste bin is being sucked onto the seal rather than pushed away from it. This is the opposite of a dirty air system and ideal for woodworking applications.

No Pleats to fill and clog

GOVE use smooth wall filter socks not cartridges with pleats which are very prone to filling up and blocking airflow killing filter efficiency



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All features and product specifications subject to change without notice



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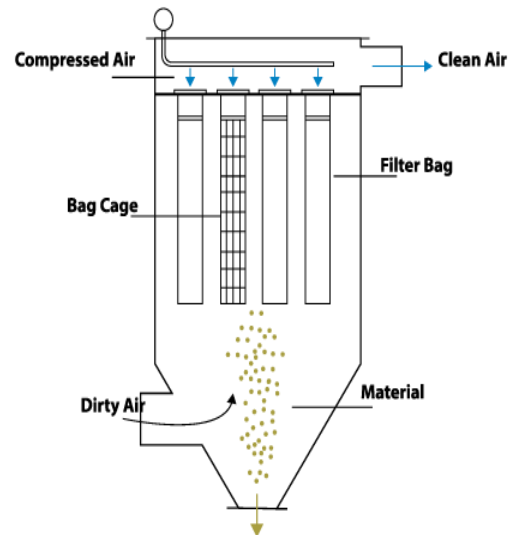


Continuous filter cleaning while you work

GOVE 5 banks of filters are cleaned every 30- 60 seconds by small blasts of compressed air that create a shock wave down the filter- **cleaning them continually** while your extractor operates. This is far superior to Shaker systems that can only clean when the extractor is shut off so cleaning is infrequent.

Filter performance drops dramatically between cleans so the continuous cleaning GOVE system maintains extraction volumes throughout the working day.

Your machines have specific airflow volume and pressure requirements. Only continuous cleaning can ensure they are met. On other systems as clogging builds up on the filter surface their resistance to air-flowing through them increases dramatically creating a steady drop in air volumes.



Keeping an eye on your filters

GOVE's Magnehelic gauge measures the pressure differential between the clean and dirty air sides of the filters. So you know if a filter has a hole in it (low difference) or is not clean enough (high pressure difference)

It's easy to adjust the intensity or interval of the cleaning to suit different dust types and volumes



Lower your maintenance

Gove extractors' simple robust construction, low air resistance design and continuous filter cleaning give them an extremely low maintenance requirement.



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Happy outside

If you're tight on floor space having the Extractor outside is a big bonus.

No need to allocate expensive indoor space and forklift access to the Extractor and noise levels inside are reduced.

GOVE extractors are happy outside thanks to thick galvanised construction, sloping rain shedding roof panels, stainless steel fittings and outside rated fan/ motors

The Fan housing is 'hot dip' galvanised to complete GOVE's weather protection.



Mixed demand allows power savings.

Demand can vary widely as machines are switched on and off.

Your GOVE is supplied as standard with an Inverter - which can be connected to an (Optional) Pressure switch in your duct-line.

Together these create a Variable speed drive that automatically recognises this change in demand and adjusts the fan speed to match

Power savings as high as 50% can be achieved and your system runs quieter and smoother.

Another 'big plus' is the ramped start up – easy on your electrical system.

The latest energy efficient IE2 motors are fitted to complete your energy savings



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Explosion protection

Dust in Woodworking shops carries a recognised explosion risk so GOVE include an explosion relief panel. This vents any explosion which could otherwise destroy the extraction chamber

Explosions can be triggered by a common occurrence like spark from a tool

As an extra precaution GOVE use anti-static filter material to avoid generating a spark that could initiate an explosion



Large Bin capacity.

Overfilling bins results in dust storming up into the filter area causing blockages. It's easy to do this and a real nuisance – so GOVE's discharge to 1.5 cube dump bins – offering over 6 x the waste capacity of even a larger wheelie bin.

The pneumatic bin seal releases and reseals at the flick of a switch – simple and efficient. Less downtime to empty bins, no overflow problems.

If you prefer Wheelie bins for handling ease or other reasons – there is a 3 bin option.



Compact, neat, tidy and quiet

GOVE models have the fan and motor high out of harms way but not on top. It can be at the front or rear – so the extractor is a neat and unobtrusive addition to your building.

With overall height of the ranging from 4200-5500mm fits inside most modern buildings or outside below roofline height

An industrial silencer is standard and sits neatly within the footprint – keeping things tidy and quiet for your workforce or neighbours



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Outstanding value

GOVE have all the features and design advantages required by the Woodworking Industry. And GOVE pricing is extremely competitive so there is no need to compromise and settle for anything less than a Reverse Pulse cleaning designed and built to meet the unique demands of today's Woodworking shops.

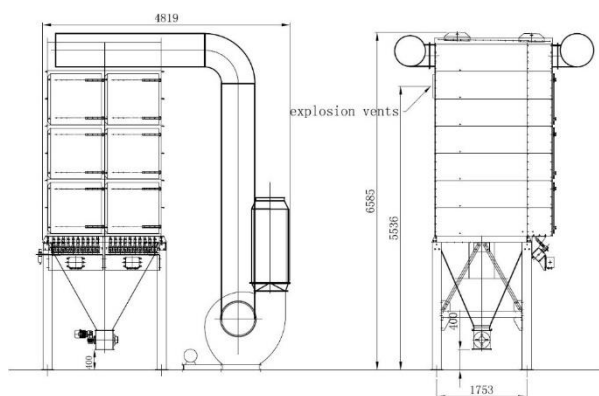
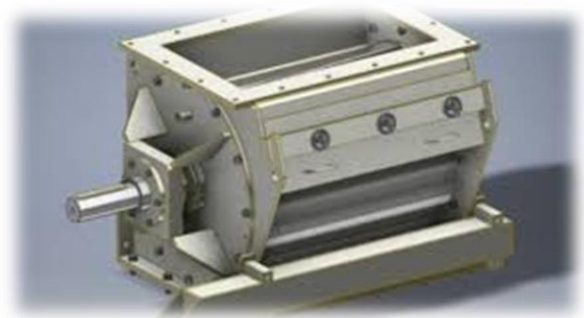


Standard models

MODEL	LDMY45	LDMY60	LDMY75	LDMY100
Fan	7.5kw	15kw	18.5kw	22 kw
Volume c.f.m. at 3000 pascals	4000	6000	7620	9570 at 3500 pascals
Inlet diameter	300mm	400mm	450mm	500mm
Filter area sq. m	45	60	75	100
Variable fan speed	Included	Included	Included	Included
Soft start	Included	Included	Included	Included

Larger volume and models to suit special requirements are built to order.

Rotary valve discharge to a dump bin or conveyor is optional.



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