

# GOVE DUST EXTRACTION



Designed for  
Woodworking

**LEDA**

# GOVE LDMY Extractor Series

Designed for the Woodworking Industry



**GOVE LDMY Extractors have been designed to meet the demanding requirements of Australian Woodworkers**

## Handles mixed dust loads

*Handles Fine dust from the CNC, Edgebander swarf and Shavings from solid wood machines*

Dirty air enters a large chamber slowing the airspeed and dropping the heavier waste into the bin. The fine dust then travels to the filters in an efficient spiral action

The Extended Hopper height creates a 'downwards' airflow preventing dust already in the bin from lifting. 60-degree hopper walls prevent waste bridging

*This delivers a system ideally suited to the waste flow from a typical Woodworking shop.*

## No waste through your fan

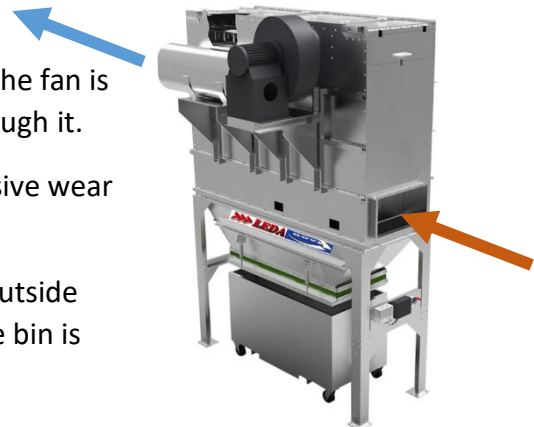
Inevitably your extraction will pick up small offcuts

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

Significantly quieter and avoids any damage and abrasive wear of the fan.

The Extractor chamber is at lower pressure than the outside atmosphere. Dust escape is impossible, and the Waste bin is sucked onto the seal

This is the opposite of a dirty air system and ideal for woodworking applications.



## No Pleats

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



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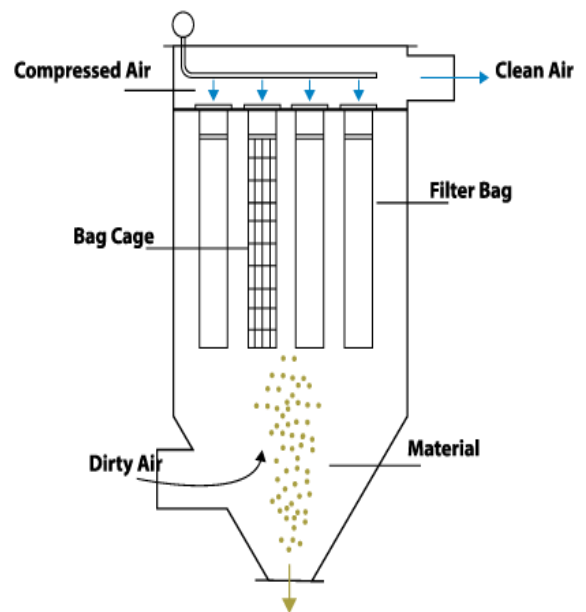


## Continuous filter cleaning while you work

Gove's 5 filter banks are cleaned in a cycle with timed 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 down.

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

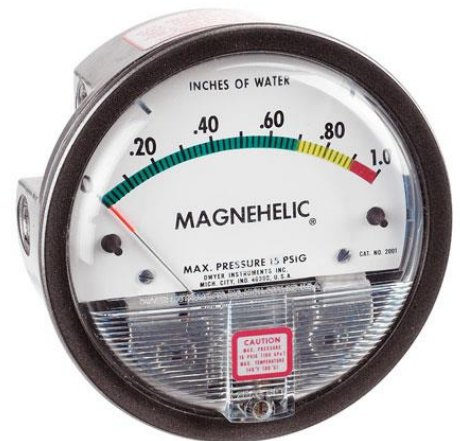
Woodworking machines have specific airflow volume and pressure requirements and it's important to meet these continuously.



## Keeping an eye on your filters

GOVE measures the pressure differential between the clean and dirty air sides of the filters. So, you know if a filter has a hole or is not clean enough

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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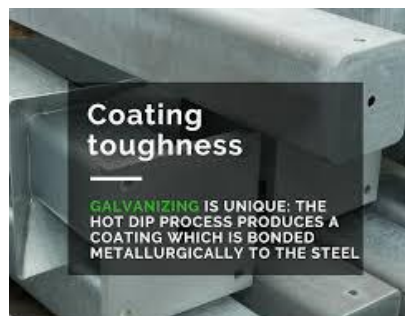
## Happy outside

Having the Extractor outside is a big bonus. No need to allocate indoor space and forklift access to the Extractor.



Noise levels inside the factory are reduced.

GOVE extractors are happy outside – rain or shine - thanks to thick galvanised construction, sloping rain shedding roof panels and stainless-steel fittings



## Mixed demand allows power savings



Extraction demand vary widely as machines are switched on and off.

Your GOVE has an Inverter which can be connected

to an (Optional) Pressure switch

Together these create a Variable speed drive that automatically recognises this change in demand and adjusts the fan speed to match (much like a car accelerator) Power savings as high as 50% and your Extraction system runs quieter and smoother.

The Inverter delivers a ramped start – easy on your electrical system.

The latest energy efficient IE2 motors complete this energy savings system



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## Explosion protection

Woodworking dust carries a recognised explosion risk

Gove's relief panel safely vents any explosion and combine with anti-static filter material to avoid spark generation



## Large bin capacity

Overfilling bins results in dust storming up into the filter area causing blockages. Gove's discharge to 1.5 cube dump bins (6 x the waste capacity of larger wheelie bins. )

The pneumatic bin seal releases and reseals at the flick of a switch



*Larger dump bins are optional*

*If you prefer Wheelie bins there is a 3-bin option.*



## Compact, neat and quiet

GOVE models have the fan and motor up out of harm's way and it can be front or rear – so the extractor is unobtrusive .

Gove's fit inside most modern buildings or outside below your roofline

height.

An industrial silencer 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.

GOVE pricing is extremely competitive. No need to compromise and settle for anything less than a Reverse Pulse cleaning Extractor designed to meet the unique demands of Woodworking shops.



## Standard models

| MODEL                            | LDMY60   | LDMY75   | LDMY100                 |
|----------------------------------|----------|----------|-------------------------|
| Fan                              | 15kw     | 18.5kw   | 22 kw                   |
| Volume c.f.m.<br>at 3000 pascals | 6000     | 7620     | 9570<br>at 3500 pascals |
| Inlet diameter                   | 400mm    | 450mm    | 500mm                   |
| Filter area sq. m                | 60       | 75       | 100                     |
| Variable fan speed               | Included | Included | Included                |
| Soft start                       | Included | Included | Included                |
| Explosion Vent                   | Included | Included | Included                |

Larger volume models built to order.

*Rotary valve discharge to a dump bin or conveyor options*

