SHEPHERD FILTERS

"PROTECTING YOUR HOOD"

SPECIFICATION SHEET

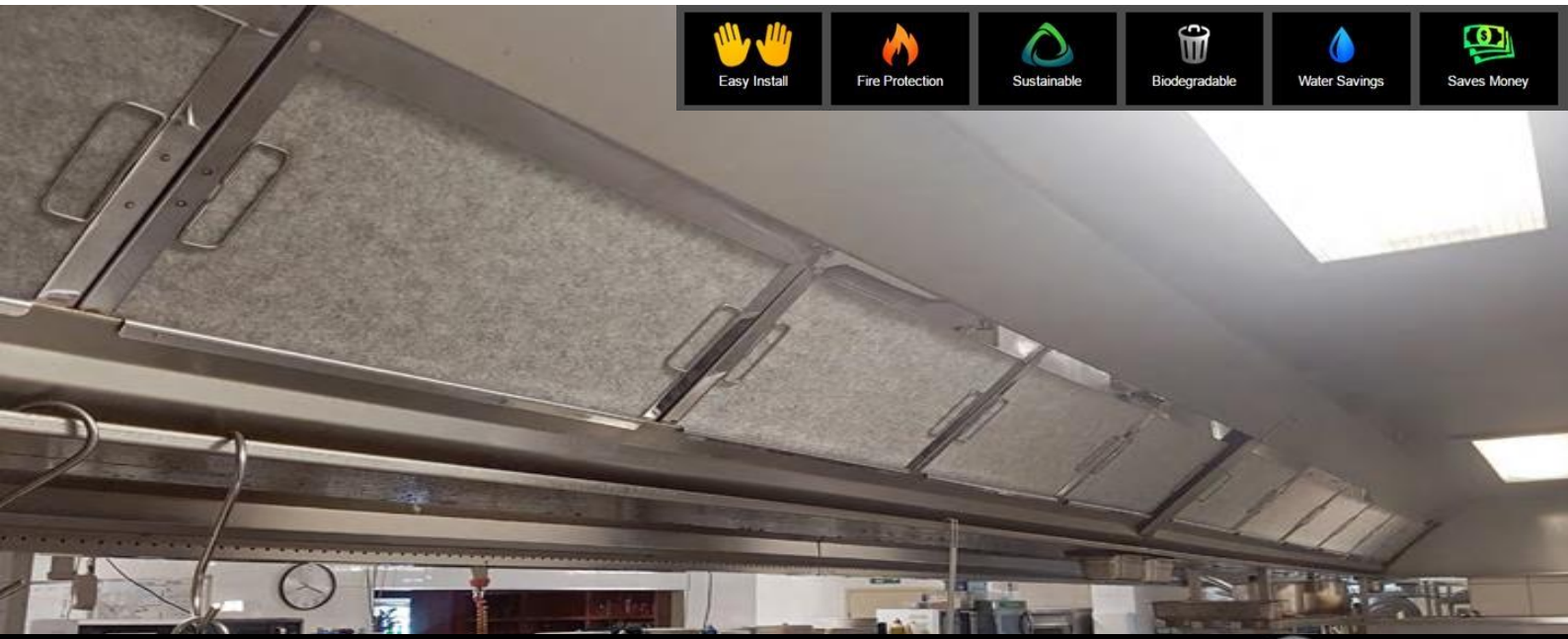
The Shepherd Filters solution is revolutionary within the Kitchen Exhaust & Ventilation market by making it smarter, cleaner, safer and more environmentally friendly.

As opposed to metal kitchen grease filters that only stop 20-40% of grease vapours from entering the hood, **Shepherd Filters capture up to an impressive 98%**! This reduces the grease build-up that enters the plenum, ductwork, fans, and roofs dramatically and therefore minimises the risk of catastrophic fires. With grease build-up heavily reduced between cleans, instant savings are made to:

- Labour/contractor costs associated with metal grease filters and exhaust systems
- Reduced frequency and complexity of kitchen duct cleans
- A reduction in water usage and harsh chemicals to maintain a clean kitchen exhaust system; and
- Cleaner rooftop fans, HVAC & other extraction equipment equals efficient operation, less maintenance & energy savings.

Quick, easy to install and disposed of in seconds, changing Shepherd Filters is a welcome alterative to degreasing filters.

- SAVE ON COSTLY FILTER & DUCT CLEANING!
- A cleaner kitchen exhaust system 365 days a year greatly reduces your risk of fire
- Fast and easy to install in minutes, replace sheets only when needed saving staff time
- Meet the new Australian Standards
- HACCP approved
- Won *"Product of the Year"* at the AIRAH Awards in 2019
- Won *"Best New Hospitality Product"* at Fine Foods Australia 2017
- Made from 100% Australian Wool, a renewable resource which is naturally fire-retardant and biodegradable. The filter media is carbon-neutral and will break down in landfill.
- Quick and easy to change, your staff will appreciate the improvement in their daily routines.



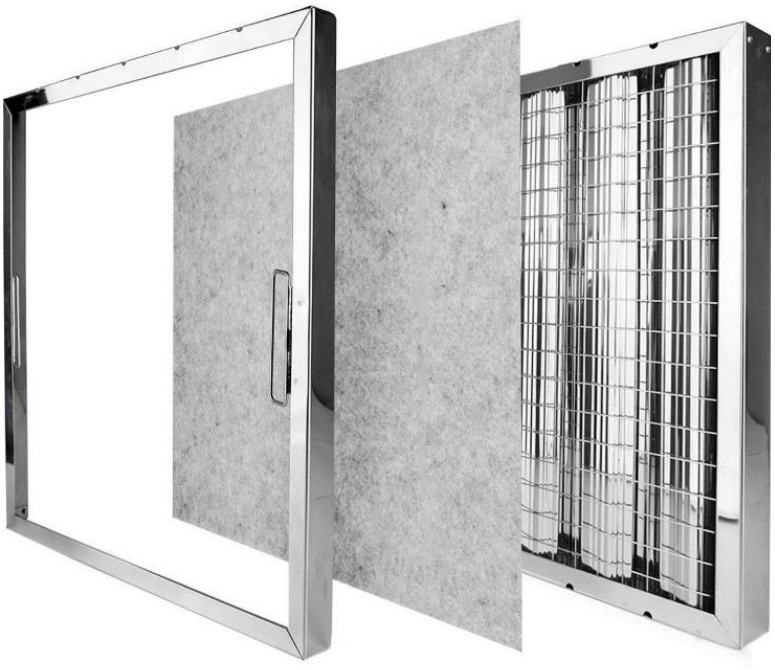
WWW.SHEPHERDFILTERS.COM

PATENTED. AUSTRALIAN MADE AUSTRALIAN WOOL

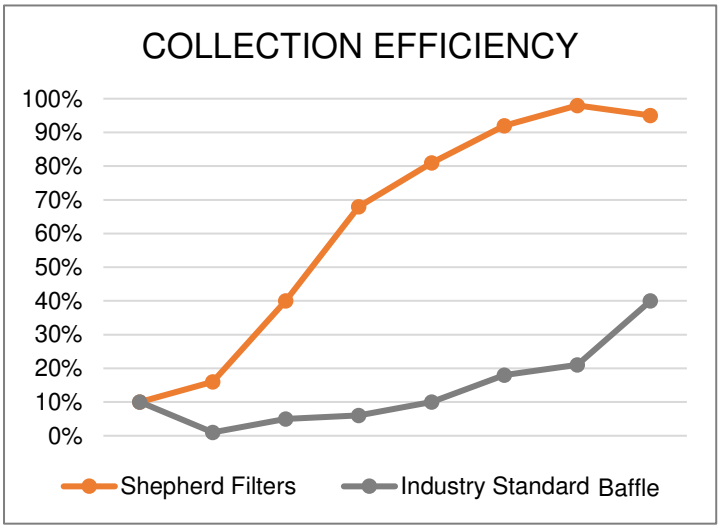
Shepherd Filters holds relevant approvals and meets standards worldwide including (but not limited to):

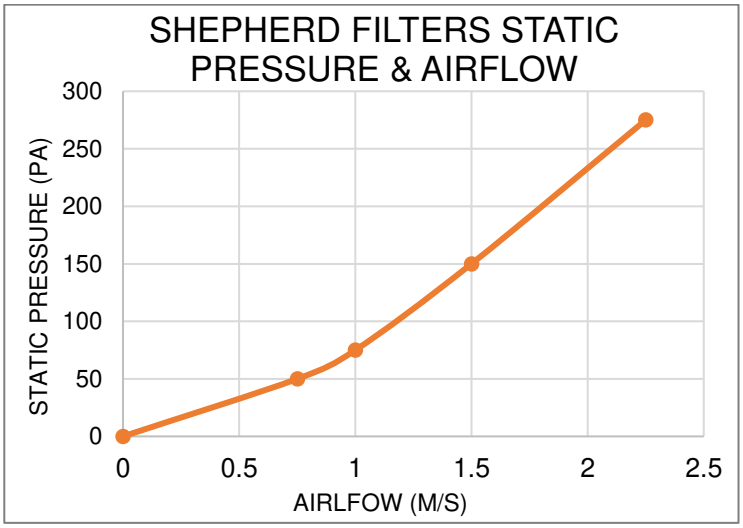
- UL Standard 1046 Flame Test for Grease Filters for Exhaust Ducts
- Australian Standards AS1668.2 E6 Kitchen Exhaust Hoods incorporating Grease Removal Devices
- NFPA 96 Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
- DW172 Standard for B&ES Specification for Kitchen Ventilation Systems
- HACCP Food Safety Approval; and
- Members of the International Kitchen Exhaust Cleaning Association (IKECA)

FRAME SIZE (H X W)		SF FILTER FITS
(mm)	(Inches)	
254 X 395 X 50	10 X 16 X 2	SF 350 X 550
254 X 495 X 50	10 X 20 X 2	SF 350 X 550
295 X 495 X 50	12 X 20 X 2	SF 350 X 550
330 X 495 X 50	13 X 20 X 2	SF 450 X 550
380 X 455 X 50	15 X 18 X 2	SF 450 X 550
395 X 395 X 50	16 X 16 X 2	SF 450 X 450
395 X 495 X 50	16 X 20 X 2	SF 450 X 550
395 X 622 X 50	16 X 25 X 2	SF 450 X 650
495 X 295 X 50	20 X 12 X 2	SF 350 X 550
495 X 395 X 50	20 X 16 X 2	SF 450 X 550
495 X 495 X 50	20 X 20 X 2	SF 550 X 550
495 X 595 X 50	20 X 23 X 2	SF 550 X 650
495 X 622 X 50	20 X 25 X 2	SF 550 X 650
595 X 595 X 50	23 X 23 X 2	SF 650 X 650



Stainless Steel #403 Baffle Filter Frame with Wool - 495 X 495mm





Kitchen hoods have various airflow rates depending on the type of cooking and style of hood in operation. It is our experience that 1.5 m/s is the preferred airspeed to work with the Shepherd Filters product, however 1-4m/s can be acceptable. Anything above this can pull the grease through the wool fibre onto the frame and create additional frame cleaning.

The wool itself has little effect on airflow, less than 10-15pa depending on airspeed. Shepherd Filters meet flame barrier protection levels where any open flame cooking and or 10 metres of ducts.

Our frames do not compromise on quality or standards.

AIRFLOW				
%	50%	75%	100%	150%
M/S	0.75	1.0	1.5	2.25
M3/HR	660	880	1300	2000
CFM	380	520	780	1100
L/S	180	245	360	550
STATIC PRESSURE				
PA (PASCALS)	50	75	150	275