



KEY BENEFITS

- Modular design that delivers reliable extraction for today and into the future
- Efficient self-cleaning while in operation
- Very low maintenance and running costs
- ATEX compliant. Designed to strict European safety and emissions standards
- Over 70,000 systems installed worldwide



REVERSE AIRFLOW FILTER RAF-3M DUST EXTRACTION SYSTEM

THE RAF-SERIES DUST COLLECTORS ARE THE ROLLS ROYCE OF THE TIMBER INDUSTRY

UP TO 36,000M³/H - 7 TO 10 MACHINES

The RAF-3M system can service up to 36,000 m³/h. This may equate to 7-10 machines operating at the same time. It comes standard with Rotary Valve for continuous operation, Variable Speed Drive (VSD) for low running cost, 255m² of the advanced XT15 antistatic filter socks and on-line PLC controlled reverse air cleaning system.

The high efficiency fan is self cleaning & ensures high performance, quiet operation and low running cost.

Modular by design, the RAF-Series can be extended as your business and filter requirements grow – future proofing your investment.



QUICK FACTS

- 255m², 150 patented XT15 antistatic filter socks
- **Dimensions:** 3600W, 2400D, 5800H (height variable for each installation)
- **Typical application:** 630Ø inlet 36,000 m³/hr (dependant on dust load)
- On-line cleaning via integrated PLC

TECHNICAL PARAMETER

- NRS Rotary valve for continuous operation
- Maximum working temperature: 75°C
- Inlet through hopper or separate inlet module
- Regeneration fan per cell for Reverse-Air cleaning of filter bags while operating
- Combined inspection and explosion relief doors with safety switch
- Available in Positive (800Pa) or Negative (5,000Pa) pressure options
- Finished in rolled Galvanised steel



ACCESSORIES:

- Rotary valve extension and screw auger
- Return-air ducting to recycle clean air back to factory
- Telescopic leg extensions
- Transfer "blow-line" systems
- Spark arrest solutions
- Silencers
- Service & performance test
- Extended warranties

*Airtight is the preferred supplier for all major wood working machinery suppliers in Australia/NZ