



**STRATA**  
SUPERIOR WELDING PRODUCTS

MOBILE FUME EXTRACTOR  
**FE320 HD**



**2520m<sup>3</sup>/h**  
Fan Capacity



BIA "M" >99%



**230v**  
Single Phase



## Strata Airforce FE320 HD Self-Cleaning Mobile Fume Extractor

The Strata Airforce FE320 is a heavy-duty self-cleaning mobile fume extractor designed for intensive welding and grinding applications. Its BIA "M"-certified filtration captures over 99% of welding fumes and grinding dust, helping protect workers from harmful airborne particles. Featuring automatic compressed-air filter cleaning, a digital control panel with clogged-filter alarm, and a pre-chamber spark separator, the FE320 delivers reliable, low-maintenance extraction. Suitable for MIG, MMA, TIG, plasma cutting, and grinding. It is built to keep your workshop safer every day.



- ✓ **BIA "M"-certified filtration efficiency >99%**  
Captures welding fumes and grinding dust with high efficiency, including from demanding processes like plasma cutting and stainless welding.
- ✓ **Automatic compressed-air filter self-cleaning system**  
Keeps the cartridge filter clean without manual intervention, reducing maintenance time and maintaining consistent extraction performance.
- ✓ **Digital control panel, alarm log, and hour-meter**  
Gives operators full visibility of filter status and run time, making it easy to monitor performance and plan servicing.
- ✓ **Pre-chamber for heavy dust and spark separation**  
Protects the main filter from sparks and coarse particles, extending filter life and reducing the risk of fire.
- ✓ **Sintexx Plus high-efficiency filter media with nanofiber lining**  
Delivers strong filtration performance with a longer service life and contains no PTFE, making it a more eco-friendly choice.

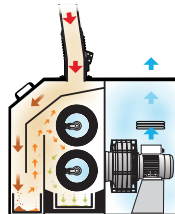
### Technical Specifications

Fan Capacity	2520m <sup>3</sup> /h
Extraction @ Hood	1400m <sup>3</sup> /h (single arm)
Filtration Efficiency	BIA "M" >99%
Motor Power	1.5kW – 230V Single Phase
Filter Area	12.6m <sup>2</sup> Cartridge
Filter Media	Sintexx Plus – High Efficiency Corrugation and Nanofiber lining
Noise	75dBA
Main Unit Dimensions	740x1180x1110mm
Main Unit Weight	182kg

### Whats Included

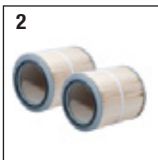
FE320 Mobile Fume Extractor Unit

Articulated Extraction Arm Ø160mm 4m



Smoke and dust enter from above and the heaviest dust falls into the first collection drawer. The finest dust arrives on the external surface of the cartridge filters, from where they detach and fall into the second collection drawer during the automatic counter-current cleaning cycle.

### Key Optional Accessories



1. **AFARMOLIGHT16030** - Strata Airforce Armorlight LED Light Hood For Extraction Arms
2. **42378** - Strata Airforce Standard Filter Kit suits Airforce FE320 Fume Extractor



**FE320 HD**  
User guide, specs, videos

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[www.strata.co.nz](http://www.strata.co.nz)