

# FUME FREE WORK-SPACE WITH WELDING FUMES EXTRACTOR



SFS offers the most efficient and highly effective designs in welding fume extraction systems for manual and robotic welding stations. Rely on dependable advice from SFS and end-to-end support to meet all your needs in fume filtration for metal fabrication and cutting processes.

## **BENEFITS**

- ~ Improved shop-floor environment with clean air
- ~ Ensure highest worker health and safety
- ~ Protection from harmful fumes for production equipment & manufacturing processes
- ~ Higher productivity with lesser disturbances on shop-floor

**SUPERIOR DESIGN ~ HIGHEST SAFETY ~ LOW ENERGY CONSUMPTION**



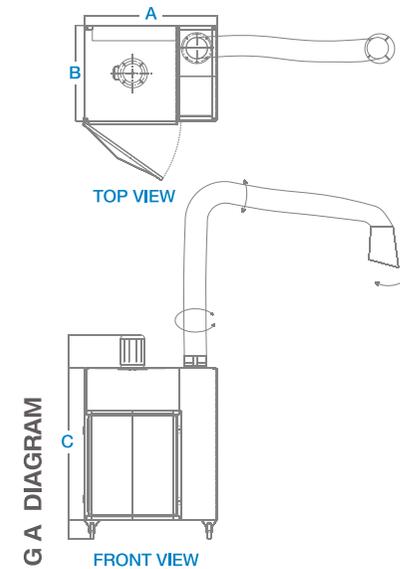
# PROVEN RANGE TO TOTALLY ELIMINATE HAZARDOUS FUMES



SFS offers a full range of welding fume extractors, from standalone filtration systems to a comprehensive solution for entire shop-floor.

The SFS team conducts an in-depth study of your processes and shop-floor layout to create an optimum solution that is customized to your needs. All the layouts are designed and mapped in CAD after careful deliberations for flexibility, in terms of any future changes, while keeping the best performance.

**80+** CLIENTS **150+** INSTALLATIONS



DC 600C MB

## WHY WELDING FUMES?

- ~ Fumes adversely impact the production and long term exposure leads to serious health hazards
- ~ Costs of pollution in terms of lost productivity, disturbance on shop-floor and damage to health due to welding/cutting fumes are underestimated
- ~ Fumes are a known cause of negatively affecting end product finish and quality
- ~ Residual welding fumes are equally dangerous for both humans as well as Robotic welding arms



**PREVENT**  
Respiratory  
problems



**REDUCE**  
Accident  
risks



**INCREASE**  
Productivity &  
equipment life

## FEATURES

- ~ Highly compact design with filtration unit mounted on wheels to provide mobility
- ~ Low maintenance fume extraction system with cartridge type filter
- ~ Higher filtration area
- ~ Auto cleaning with compressed air reverse pulse jet arrangement
- ~ Blower arrangement at cleaner side reducing problems in the impeller and motor assembly
- ~ Flexible suction arm provides freedom of adjusting the suction point at any convenient position



## ACCESSORIES

SFS provides complete Welding Fume Extraction system including the collection unit, duct work and other accessories.

- ~ Customized Hoods
- ~ Flexible Extraction Arms

## TECHNICAL DETAILS

Model	CFM/CMH	A	B	C
DC 600C MB	600/1000	900	650	1420
DC 800C MB	800/1350	900	800	1480

A,B,C dimensions in mm.

## INSTALLATION AND COMMISSIONING

All SFS Welding Fume Extractors are serviced by a national network of factory trained engineers.

Our direct factory support also includes comprehensive design consultation, detail engineering design and every other technical support for best results.

- ~ Cost-effective Spares and consumables
- ~ Annual Maintenance Contracts (AMCs)

# MARKET LEADER IN INDUSTRIAL AIR FILTRATION

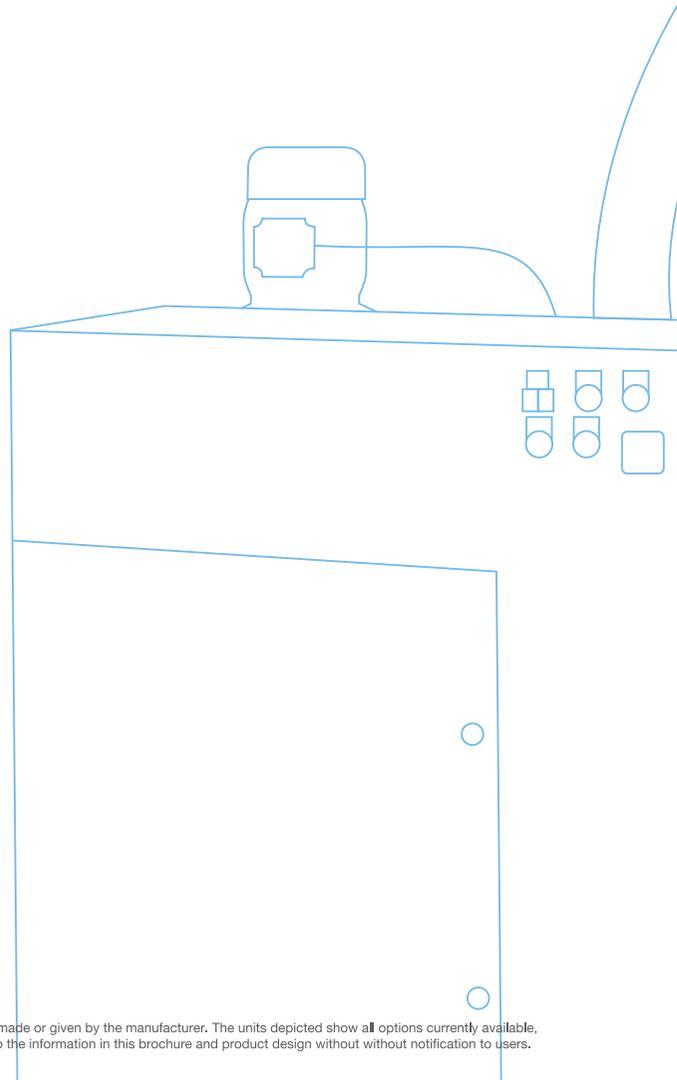
Every application and its working environment is unique. SFS has a highly evolved methodology that captures all aspects of your industrial processes and maps every detail required to create a high performance filtration solution.



Scientifically measured  
before/after air quality at your  
premises for every installation.

## NATIONWIDE SALES & SERVICE NETWORK

- ~ PUNE (HQ)
- ~ DELHI NCR
- ~ AHMEDABAD
- ~ KOLKATA
- ~ BENGALURU
- ~ CHENNAI



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