

# FanAir



# About us

We FanAir India Pvt Ltd as one of the leading and Pioneer Manufacturers, Engineers and Equipment & Service Providers of Air Management Equipments in the field of HVAC Industry & as a group, company was incorporated in the year April 2003 as manufacturers of Complete Air Management Solution Products - to carry forward the Ancestral tradition to stick to the technical trade/business/profession in one form or the other Since then it has never looked back and has become a name to reckon with in the manufacturing of comprehensive range of Air Management Solution Products mainly pertaining to HVAC industry.

We are manufacturing Pre-Fabricated Ducts, Axial Flow Fans, Forward Curved Blowers, and Centrifugal blowers, Backward Curved Blowers, Plug Fan, Jet Fans, Smoke Exhaust, Kitchen Exhaust Unit, Wet Scrubber, Dry Scrubber, Air Washers & Air Curtains etc...

Keeping in view our dedication, sincerity, hard work and over and above our aim to create a quality product, enabled us to overcast the market. We firmly believe that the best quality products can only be developed through technical advancement; updated machinery; skilled workforce and professional approach including stringent initial raw material inspection, stage wise inspection and the final checks prior to dispatch of each and every product.

We have a team of highly experience engineers who have vast experienced, integration of technology, expertise, business trust, quality of product, integrity, team work, customer oriented & accountability, unrelenting efforts carve a niche of excellence for customers.

We are pleased to work with you for your project and get associated for a mutually beneficial relationship.

## Our Aim

To rank and stay within top Indian companies engaged in our sector by delivering quality products.





## Research & Development

Ensuring proper feedback from every nook & corner is we aim for. Everyone in all segments, in the chain provides input which is very vital for research and development. This participation helps us to iron out every unaddressed issue.

## Our Strengths

- ☐ High grade raw material.
- ☐ Leadership in product innovation.
- ☐ Continuous R & D of products
- ☐ Optimum functionality
- ☐ Highly efficient, Low- Cost manufacturing.
- ☐ Energy saving features

## Our Vision

We would like to be the most reliable & innovative manufacturer of blowers & HVAC products as regarded by our customers globally.

## Our Mission

We will work as a team with full dedication towards achieving operational excellence and thus strive for value creation for our customers.

## Our Quality Policy

The right way is to use experts is every step of the way - to research rigorously, in - depth and apply punctilious detail to tried and trusted methods, examining the special technical characteristics of every single project and to anticipate problems, whether apparent or unseen. Due to our tight quality control specialists, we have received the ISO 9001 : 2015 certification and assure the quality of our products.

## New Facility

Our new state-of-art manufacturing setup spreads over 110000 sqft at Ghiloth Industrial area, RIICO, Neemrana, Rajasthan.



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# Air Movement & Control Association International, Inc.

The International Authority on Air System Components Since 1917

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## Fanair India PVT LTD

January 2015

Member Since

  
Executive Director

# Certificates



# Certificate of Registration

This is to Certify that  
Quality Management System of


## FANAIR INDIA PVT. LTD.

A-9, RIICO INDUSTRIAL AREA, GHILOT, DIST. ALWAR - 301401,  
RAJASTHAN, INDIA.

has been assessed and found to conform to the requirements of  
**ISO 9001:2015**  
for the following scope :

MANUFACTURER OF FORWARD CURVED BLOWERS (AMCA CERTIFIED),  
BACKWARD CURVED BLOWERS, AXIAL FANS, CABINET INLINE FAN, PLUG FANS,  
JET FAN, KITCHEN EXHAUST FAN, AIR HANDLING UNIT, AIR WASHER,  
FAN COIL UNIT, DRY & WET SCRUBBER, TREATED FRESH AIR UNIT,  
FAN SECTION, CIRCULAR INLINE FAN, CABINET INLINE FAN, PRE FABRICATED DUCT,  
AIR DISTRIBUTION PRODUCTS, HVLS FANS, TURBO VENTILATION FANS,  
FILTERS - PRE/FINE/ HEPA.

Certificate No	: 20IQFV22		
Initial Registration Date	: 19/08/2020	Issuance Date	: 19/08/2020
Date of Expiry	: 18/08/2023		
1st Surve. Due	: 19/07/2021	2nd Surve. Due	: 19/07/2022

  
**Director**



ACCREDITED  
Management Systems  
Certification Body  
MSCB-119



**AQC MIDDLE EAST FZE.**

Head Office: E1-1401 E Amber Gem Tower, Sheikh Khalifa Bin Zayed Road, 2, Ajman, UAE. e-mail: [info@aqcworld.com](mailto:info@aqcworld.com).

Key Location: 403, Madhuban Building, 55, Nehru Place, New Delhi-110019, India.

\*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn).

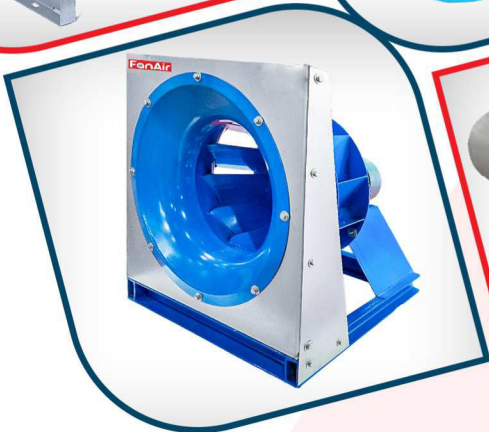
**Certificate Verification:** Please Re-check the validity of certificate at <http://www.aqcworld.com/activeclients.aspx> or [www.aqcworld.com](http://www.aqcworld.com) at Active Clients.

Certificate is the property of AQC Middle East FZE and shall be returned immediately when demanded



# Product Overview





# WET SCRUBBER





# Introduction

As the name suggests kitchen scrubber is used to scrub fumes from the cooking process. It draws the fumes from the kitchen through the hoods. These fumes will be scrubbed by high pressure water jets due to which all the contaminants such as oil, grease etc. are trapped and clean air will be sent to the environment. FanAir wet scrubber is highly efficient, very low pressure drop and hence maximum scrubbing efficiency.

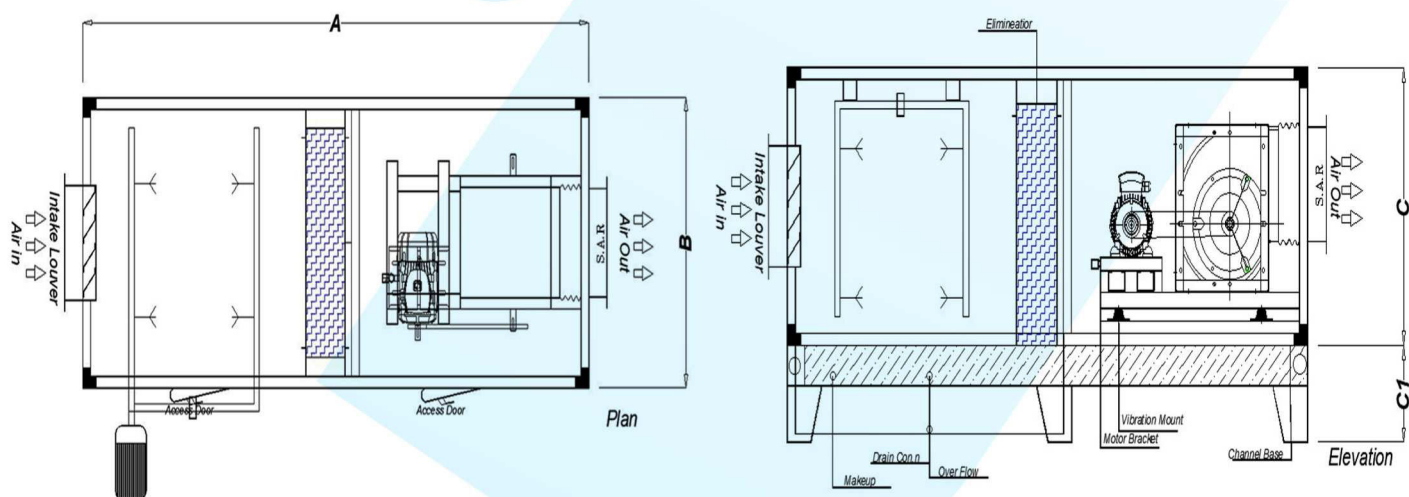
## Construction Features:-

<b>Frame -</b>	Extruded aluminium profile
<b>Base -</b>	Heavy gauge based frame with cast Al corners
<b>Casing -</b>	23+2 mm thick, double skin panels made of 0.6 mm sheets with polyurethane foam (PUF of density 38+2 kg/ cu. m injected between two skins or single skin in 1.6/1.8 mm GI sheet.
<b>Wet Section -</b>	Double bank GI spray header with brass/PVC spray nozzles
<b>Blowers -</b>	DIDW centrifugal blowers, common-rail base for blower-motor assembly on vibration isolator pads
<b>Motors -</b>	TEFC type, three phase motor of standard make
<b>Motor Stand -</b>	Adjustable motor- mounting fixture
<b>Pulleys -</b>	Adjustable taper- bush pulleys
<b>Pumps -</b>	Monoblock pumps of standard make
<b>Sump -</b>	SS 304/ GI with FRP tank with socket connections for water in overflow and drain complete with Y strainer, ball-cock etc.
<b>Mist Eliminator -</b>	In PVC/ SS/ GI
<b>Canvas Connection -</b>	Flexible connection to isolate blower from unit body

## Applications:-

- ❖ Food Processing Companies
- ❖ Petroleum Refineries
- ❖ Chemical Processing Facilities
- ❖ Acid Manufacturing Plants
- ❖ Solar Manufacturing
- ❖ Steel Manufacturing Companies

# Technical Details



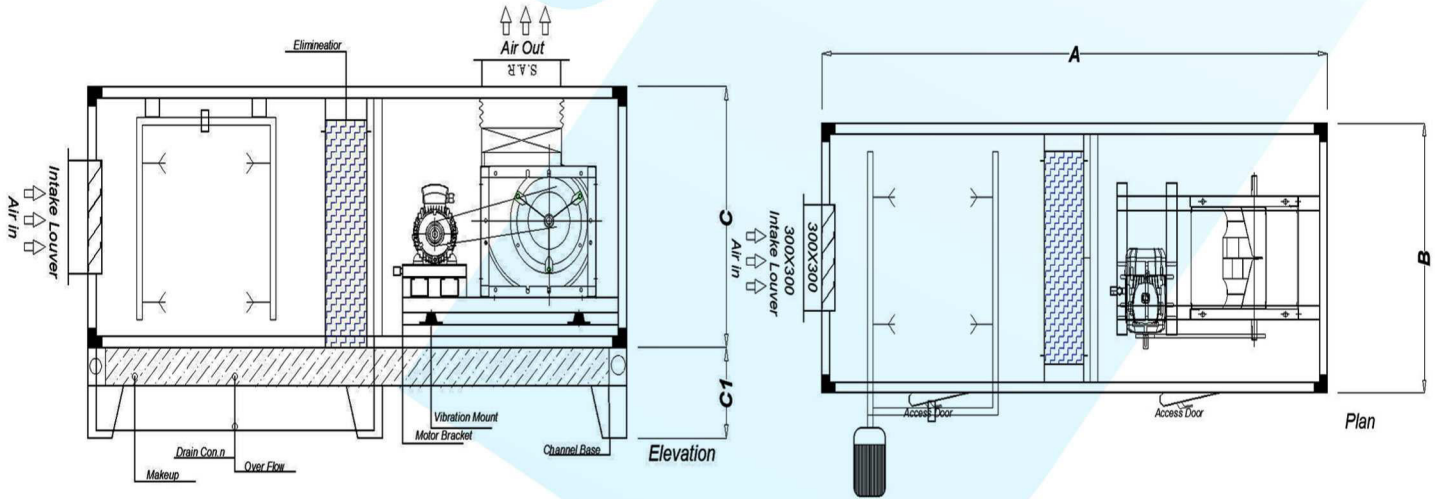
## FA WS- 2000-30000 ( Front Discharge )

Fresh Air Unit Model	Model	Static Pressure(Kw/ RPM)	Velocity	Length	Width	Height
		65mm				
FA WS 2000	FABC 225	1.5/3614	11.39	1940	760	690
FA WS 3000	FABC 280	2.2/2770	10.93	2040	1000	730
FA WS 4000	FABC 315	3.0/2518	11.57	2200	1160	830
FA WS 5000	FABC 355	3.0/2196	11.56	2300	1260	930
FA WS 6000	FABC 400	3.7/1945	11.07	2500	1360	1030
FA WS 7000	FABC 450	5.5/1645	10.24	2600	1430	1130
FA WS 8000	FABC 450	5.5/1756	11.71	2600	1450	1230
FA WS 9000	FABC 500	5.5/1477	10.44	2650	1600	1230
FA WS 10000	FABC 500	5.5/1551	11.60	2650	1650	1330
FA WS 11000	FABC 560	5.5/1305	10.18	2950	1800	1330
FA WS 12000	FABC 560	7.5/1359	11.11	2950	1800	1430
FA WS 13000	FABC 630	7.5/1127	9.59	3100	1800	1530
FA WS 14000	FABC 630	7.5/1162	10.33	3100	2000	1530
FA WS 15000	FABC 630	7.5/1198	11.07	3300	2150	1630
FA WS 16000	FABC 630	11/1235	11.80	3300	2150	1630
FA WS 17000	FABC 710	11/1021	9.96	3300	2250	1630
FA WS 18000	FABC 710	11/1047	10.54	3400	2250	1730
FA WS 19000	FABC 710	11/1073	11.13	3500	2350	1730
FA WS 20000	FABC 710	11/1100	11.72	3500	2350	1830
FA WS 21000	FABC 800	11/901	9.80	3700	2350	1930
FA WS 22000	FABC 800	11/919	10.26	3700	2450	1930
FA WS 23000	FABC 800	11/938	10.73	3800	2550	1930
FA WS 24000	FABC 800	15/957	11.20	3800	2650	1930
FA WS 25000	FABC 800	15/977	11.66	3800	2750	1930
FA WS 26000	FABC 900	15/790	9.61	4100	2660	2100
FA WS 27000	FABC 900	15/803	9.98	4100	2760	2100
FA WS 28000	FABC 900	15/816	10.35	4200	2860	2100
FA WS 29000	FABC 900	15/829	10.72	4200	2960	2100
FA WS 30000	FABC 900	15/843	11.09	4200	3060	2100

\* All dimensions are in mm and it may vary at the time of production



# Technical Details

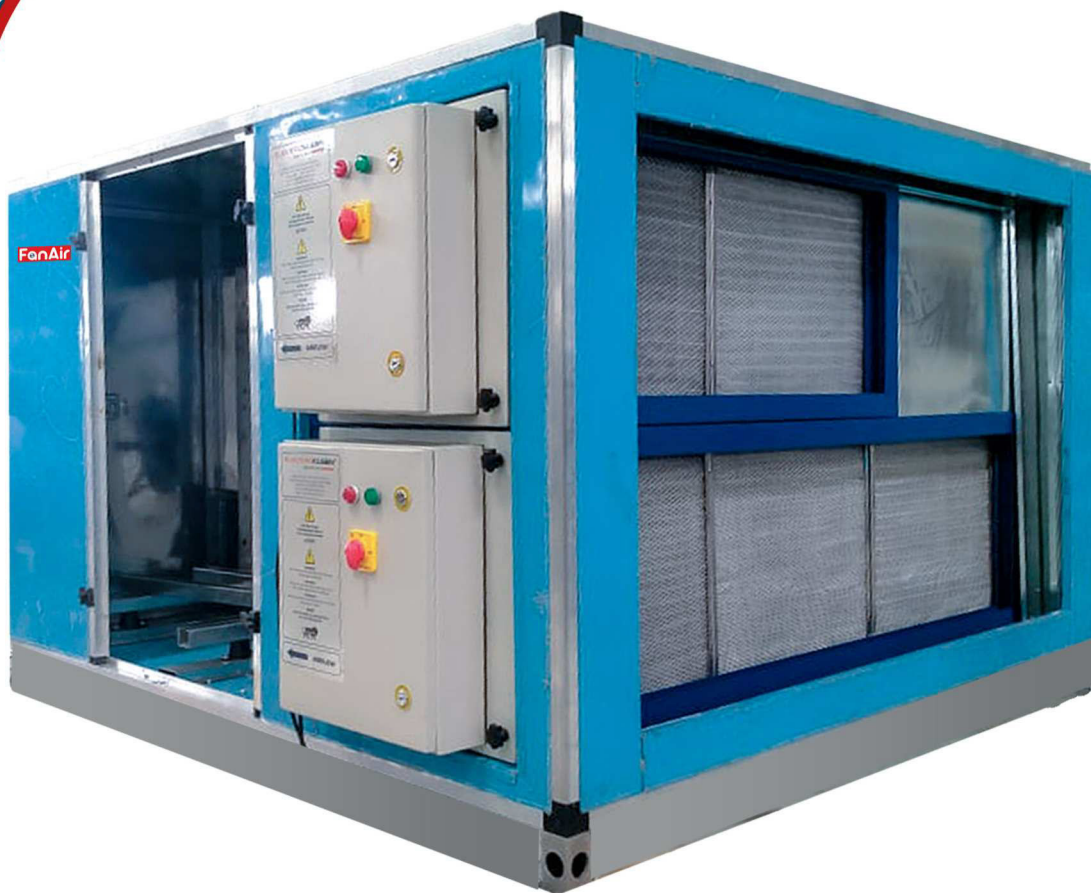


## FA WS- 2000-30000 ( Top Discharge )

Fresh Air Unit Model	Model	Static Pressure(Kw/ RPM)	Velocity	Length	Width	Height
		65mm				
FA WS 2000	FABC 225	1.5/3614	11.39	1940	760	690
FA WS 3000	FABC 280	2.2/2770	10.93	2100	1000	730
FA WS 4000	FABC 315	3.0/2518	11.57	2270	1160	830
FA WS 5000	FABC 355	3.0/2196	11.56	2400	1260	930
FA WS 6000	FABC 400	3.7/1945	11.07	2550	1360	1030
FA WS 7000	FABC 450	5.5/1645	10.24	2700	1430	1130
FA WS 8000	FABC 450	5.5/1756	11.71	2700	1450	1230
FA WS 9000	FABC 500	5.5/1477	10.44	2800	1600	1230
FA WS 10000	FABC 500	5.5/1551	11.60	2800	1650	1330
FA WS 11000	FABC 560	5.5/1305	10.18	3050	1800	1330
FA WS 12000	FABC 560	7.5/1359	11.11	3050	1800	1430
FA WS 13000	FABC 630	7.5/1127	9.59	3250	1800	1530
FA WS 14000	FABC 630	7.5/1162	10.33	3250	2000	1530
FA WS 15000	FABC 630	7.5/1198	11.07	3470	2150	1630
FA WS 16000	FABC 630	11/1235	11.80	3470	2150	1630
FA WS 17000	FABC 710	11/1021	9.96	3470	2250	1630
FA WS 18000	FABC 710	11/1047	10.54	3570	2250	1730
FA WS 19000	FABC 710	11/1073	11.13	3670	2350	1730
FA WS 20000	FABC 710	11/1100	11.72	3670	2350	1830
FA WS 21000	FABC 800	11/901	9.80	3900	2350	1930
FA WS 22000	FABC 800	11/919	10.26	3900	2450	1930
FA WS 23000	FABC 800	11/938	10.73	4000	2550	1930
FA WS 24000	FABC 800	15/957	11.20	4000	2650	1930
FA WS 25000	FABC 800	15/977	11.66	4000	2750	1930
FA WS 26000	FABC 900	15/790	9.61	4300	2660	2100
FA WS 27000	FABC 900	15/803	9.98	4300	2760	2100
FA WS 28000	FABC 900	15/816	10.35	4400	2860	2100
FA WS 29000	FABC 900	15/829	10.72	4400	2960	2100
FA WS 30000	FABC 900	15/843	11.09	4400	3060	2100

\* All dimensions are in mm and it may vary at the time of production

# DRY SCRUBBER





# Introduction

A dry scrubber is designed to extract harmful gases and particulates from industrial exhaust streams. It is a type of pollution control equipment. Dry scrubbers are primarily used to abate acidic gases, like those associated with acid rain. This is one of the most common pieces of equipment found in manufacturing plants, because of its ability to handle high temperature, highly acidic exhaust streams. A dry scrubber works by combining carefully chosen chemical reagents with the exhaust stream at incredibly high speeds, that react with or absorb the compounds in the stream. These chemicals react differently, depending on which compounds are being targeted; reactions either neutralize the dangerous VOCs, or absorb them into a different compound all-together. Once converted, the substance left over can then be disposed of or transported easily. Each type of scrubber media removes particles and compounds in a different way; some chemical reactions, while others use electrostatic adhesion.

## Why Choose a Dry Scrubber?

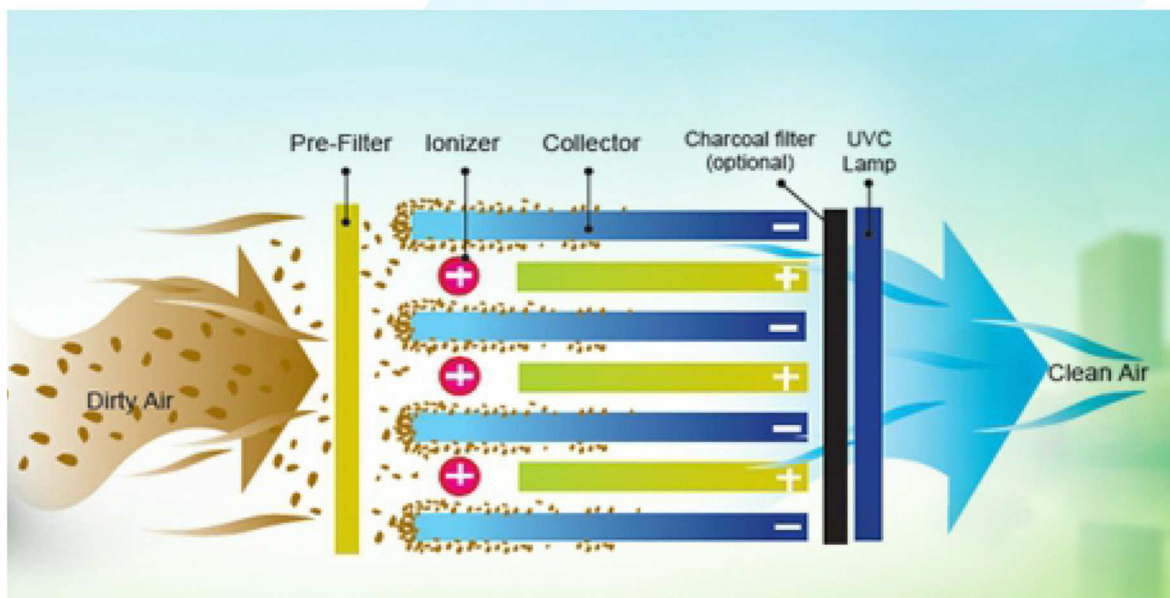
- ❖ Able to neutralize highly corrosive gases.
- ❖ Handles high temperature streams.
- ❖ Can be retrofitted into current equipment (in some cases).
- ❖ Versatile.
- ❖ Capable of abating very acidic streams.
- ❖ Smaller space requirements.
- ❖ Spent media can be a source of revenue.
- ❖ Lower cost of purchase.
- ❖ Several customizable options, based on specific output and applications, often allowing for a reduction in cost.
- ❖ Eliminates as much or more than 99% of dangerous gases, which meets all EPA requirements for MACT, RACT, BACT, and LAER

## Commonly used in these industries

- |                        |                            |
|------------------------|----------------------------|
| ❖ Asphalt processing   | ❖ Oil and Gas              |
| ❖ Pharmaceuticals      | ❖ Acid mist control        |
| ❖ Landfills and Biogas | ❖ Fertilizer Manufacturing |
| ❖ Coaters              | ❖ Wastewater treatment     |
| ❖ Textile Processing   | ❖ Steel Processing         |
| ❖ Tar Removal          | ❖ Electronics              |
| ❖ Curing ovens         | ❖ Food processing          |
| ❖ Vinyl Manufacturing  | ❖ Cocoa Processing         |

# Technical Details

## OIL MIST COLLECTION SCHEMATIC DIAGRAM



## FEATURES



Fume & mist elimination efficiency: >90% for collection of dry and wet dust like oil mist, cooking fumes and various pollutants. Application kitchen exhaust, factories, workshops, CNC Etc.



Plate type structure filter cell, ensuring extremely high efficiency of fume & mist elimination.



High-end high-frequency high-voltage solid-state transformer with epoxy resin encapsulation, driven by half-bridge switching converter, and is powerful, stable and energy-saving.



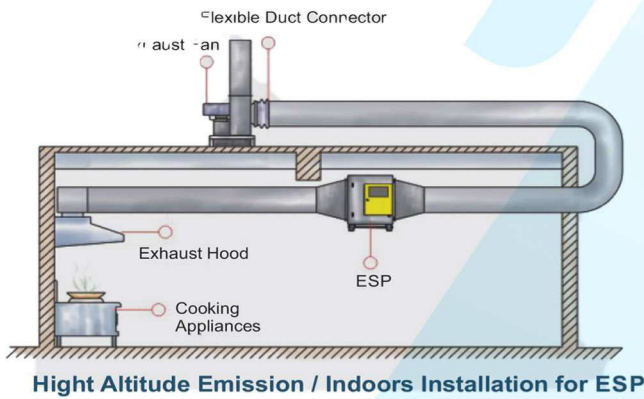
Multiple protection functions such as electrostatic discharge protection, power over - loading protection and transformer over-heated protection, making it safe and reliable of our facility



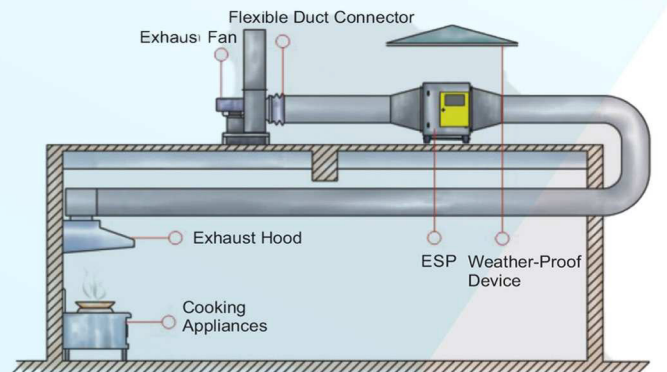
Energy efficient, uses no more than 50W per cell.



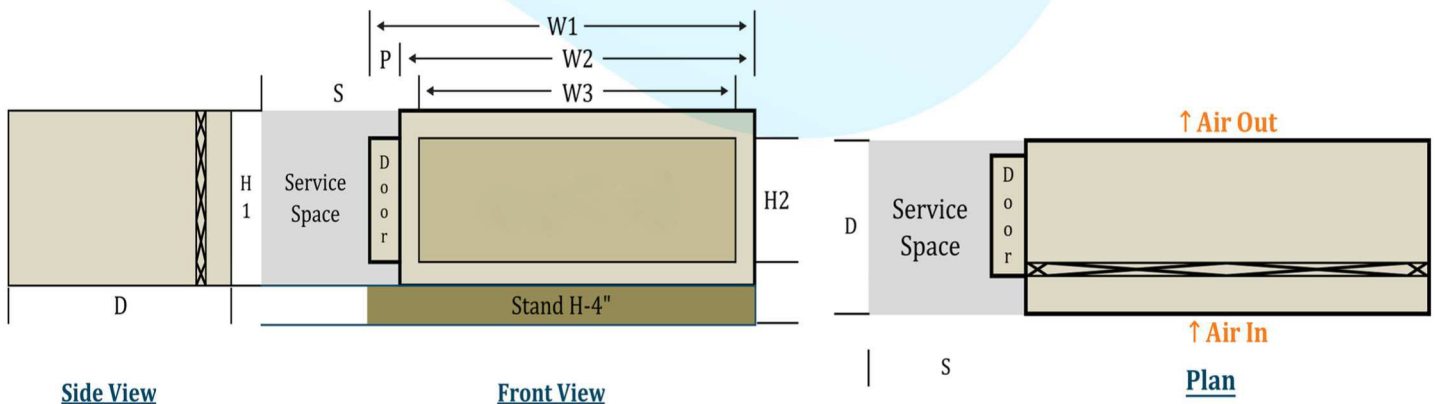
**Electrostatic Presipitator  
(Dry Scrubber)**



High Altitude Emission / Indoors Installation for ESP



High Altitude Emission / Outdoors Installation for ESP



Side View

Front View

Plan

MODEL	W1	W2	W3	H1	H2	D	S	Wt.(Kgs.)	Watts
FAESP-35	730	600	500	540	440	620	800	68	50
FAESP-70	1300	1170	1070	540	440	620	800	91	90
FAESP-105	1870	1740	1640	540	440	620	800	120	130
FAESP-140	2400	2310	2210	540	440	620	800	154	185

Note: The data above is just for reference. If there is any change, no other notice will be informed. Goods inspection will be subject to the contract All dimensions are in MM.

## OPTION'S AVAILABLE

- Tailor made to suit site conditions
- Double skin constructions
- Combined with modular fan section
- UV-O3
- Auto wash
- Carbon filter

\* All dimensions are in mm and it may vary at the time of production





# MAKE IN INDIA

## FanAir India Pvt. Ltd.

<b>Sales Office</b>	<b>:-</b> 115, 1st Floor, Aggrawal City Square, Sector-2, Rohini, Delhi-110085
<b>Factory</b>	<b>:-</b> A-09 Ghiloth Industrial Area (RIICO), Thesil- Neemrana, Distt. Alwar, Rajasthan-301706
<b>Mobile No.</b>	<b>:-</b> 9811347199, 9811937730, 9811322337, 9814936793
<b>Phone</b>	<b>:-</b> +(91)-(11)-46021317
<b>E-mail Id.</b>	<b>:-</b> sales@fanair.in
<b>Website</b>	<b>:-</b> www.fanair.in