

Teryair Ventilation Fans are highly efficient and portable. They provide ventilation of gas, paint fumes and other hazardous fumes. These fans' ideal bell mouth type casing is highly efficient, creates little noise and it is easy to install an air duct. Air ducts are available as separate accessories.

Features

- ATEX air motor on pneumatic versions.

Applications

Ventilation fans with flexible ducts are versatile tools that find numerous applications in various industries and settings. Here are some common uses of ventilation fans with flexible ducts:

- **Confined Space Ventilation:** In confined spaces such as tanks, tunnels, or underground areas, ventilation fans with flexible ducts are used to circulate fresh air, ensuring a safe and breathable environment for workers.
- **Industrial Ventilation:** In manufacturing facilities and industrial settings, ventilation fans help remove fumes, dust, and harmful airborne particles, maintaining a clean and safe working environment.
- **Construction Sites:** Ventilation fans are employed at construction sites to remove dust, smoke, and exhaust gasses, improving air quality and worker safety.
- **Disaster Recovery and Cleanup:** During disaster recovery and cleanup operations, ventilation fans with flexible ducts are used to clear out smoke, dust, and debris, aiding in rescue efforts and facilitating safe cleanup processes.



Electric - VF Series



Pneumatic - PVF Series

- **Paint Booth Ventilation:** In automotive and painting industries, ventilation fans are utilized to exhaust paint fumes and maintain proper air circulation within paint booths, ensuring a safe working environment.
- **Event Cooling and Air Circulation:** In outdoor events or temporary structures, ventilation fans are employed to provide cooling and improve air circulation, enhancing the comfort of attendees.
- **Hazardous Material Handling:** In industries dealing with hazardous materials, ventilation fans help control and remove dangerous vapors and fumes to safeguard workers and the environment.
- **Emergency Response:** Ventilation fans are used in emergency response situations, such as firefighting operations, to control smoke and create escape routes for occupants.
- **Mining:** In mining operations, ventilation fans with flexible ducts are utilized to provide fresh air to underground mines, ensuring a safe and breathable environment for miners.

Technical data - Pneumatic

IMPA Code	Teryair Model No	Case Diameter mm	Capacity m3/hr
591425	PVF-300	305	3566
591426	PVF-400	405	8665

Standard equipment included

Teryair Model No	Teryair Model No
PVF300	8015001, 1/2" Filter, Regulator, Lubricator Unit - 1pc
PVF400	8080801 Silencer - 1pc

Additional Data

IMPA Code	Teryair Model No	Air Inlet inch	Air inlet supply kg/cm ²	rpm	Weight kgs
591425	PVF-300	1/2 BSPP	6	3000	9.0
591426	PVF-400	1/2 BSPP	6	3600	11.0

Package dimensions and weights

Teryair Model No	Weight kgs	Box Dimensions cms
PVF300	10.0	46 x 44 x 44
PVF400	12.0	52 x 29 x 52

Technical data - Electric

IMPA Code	Teryair Model No	Case Dia mm	Phase	IMPA Code	Teryair Model no	Case Dia mm	Phase
AC 100 Volt \pm 10%				AC 200 Volt \pm 10%			
591402	VF200-110V	200	Single	591406	VF200-220V	200	Single
				591407	VF300-220V	300	Single
591403	VF300-110V	300	Single	591408	VF400-220V3	400	Triple
				591409	VF500-220V3	500	Triple

Additional data

Teryair Model No	VF200-110V	VF200-220V	VF300-110V	VF300-220V	VF400-220V / 220V3	VF400-440V	VF500-220V / 220V3	VF500-440V
Casing Dia mm	200	200	300	300	400	400	500	500
Electric Source	110V 1P	220V 1P	110V 1P	220V 1P	220V 1P / 220V 3P	440V 3P	220V 1P / 220V 3P	440V 3P
Air Volume m ³ /min	20	20	70	70	110	110	190	190
Pressure mm Aq	25	25	25	25	50	50	70	70
rpm	3000	3600	3000	3600	3000	3600	3000	3600
Output	0.16 kw	0.16 kw	0.55 kw	0.55 kw	1.5 kw	1.5 kw	3.7 kw	3.7 kw
Weight kgs	9.5	9.5	15.0	15.0	28.0	28.0	34.5	34.5

Technical data - Explosion Proof - Electric

IMPA Code	591416	591417	591418	591419
Teryair Model No	SVF200-110V	SVF200-220V	SVF300-110V	SVF300-220V
Casing Dia mm	200	200	300	300
Voltage	AC-100 V	AC-200V	AC-100 V	AC-200V
Phase	Single	Single	Single	Single
RPM	3000	3600	3000	3600
Air Volume m ³ /min	20	20	70	70
Pressure	25 mm Aq	25 mm Aq	30 mm Aq	30 mm Aq
Weight kgs	13.0	13.0	17.0	17.0



**Explosion Proof - Electric
SVF Series**

Package dimensions and weights

Teryair Model No	Weight kgs	Box Dimensions cms	Teryair Model No	Weight kgs	Box Dimensions cms
VF300-110V	17.00	43 x 40 x 40	SVF200-110V	14.0	35 x 29 x 38
VF200-220V	11.00	35 x 29 x 38	SVF300-110V	19.0	43 x 40 x 40
VF300-220V	17.00	43 x 40 x 40	SVF200-220V	14.0	35 x 29 x 38
VF400-220V3	30.00	53 x 50 x 48	SVF300-220V	19.0	43 x 40 x 40
VF500-220V3	37.00	64 x 60 x 49			

Teryair Flexible Ventilation Tubes are made of PVC tarpaulin canvas. A lightweight, highly flexible duct ideal for improving the efficiency of blowers especially in confined areas. When ordering, Specify type of tube and length required.

Ventilation Tubes

Part no.	Description
59.14.81	Ventilation Tube 200mm x 5mtr
59.14.82	Ventilation Tube 200mm x 10mtr
59.14.83	Ventilation Tube 300mm x 5mtr
59.14.84	Ventilation Tube 300mm x 10mtr
59.14.85	Ventilation Tube 400mm x 5mtr
59.14.86	Ventilation Tube 400mm x 10mtr



**Electric & Pneumatic
Ventilation Tubes**

Teryair Explosion Proof Ventilation Tubes are made of nylon tarpaulin with earth grip.

Ventilation Tubes

Part no.	Description
59.14.21	Ventilation Tubes for Explosion Proof 200 mm x 5 meter
59.14.22	Ventilation Tubes for Explosion Proof 300 mm x 5 meter



**Electric - Explosion Proof
Ventilation Tubes**