

Outdoor Centrifugal Fans & VAV Systems

Outdoor Centrifugal Fans

TopAir provides high-quality outdoor centrifugal fans. The roof/side wall fans are weather resistant, based on a PVC structure and polypropylene impeller.

A 3-phase motor with water protection level of IP 44/55, operates at 380 VAC.

TopAir's variety of sizes, flows and accessories allows choosing the exact fan suitable for the client's needs.

VAV (Variable Air Volume) System for Fume Cupboards

TopAir provides an advanced reliable VAV (Variable Air Volume) system for fume cupboards.

The unit measures the sash line air velocity using a high quality hot wire sensor. The data then converts to a 0-10 VDC (Voltage to Frequency Converter) signal that can control a VFD (Variable-Frequency Drive) or electrical damper.

The system's key advantage is its ease of operation: an unskilled worker can easily calibrate, set the alarm and operation set points and control the system. The VAV system provides a safe, energy-saving environment and can upgrade fume cupboards to smart, advanced devices.



Fan Models

Fan Model	RPM	Pressure (PA)	M3/H	Power	Structure	Impeller	Power Supply	Water Resistance	Sound Level	Weight
FH-FAN-1.1	1450	510	1400	1.1.KW	PVC	PP Dia 400 mm W-155 mm	3 Phase 380V	IP 44/65	70 dBA	26 kg
		500	1600							
		490	1800							
		470	2000							
		440	2200							
		420	2400							
		380	2400							
		340	2600							
		300	2800							

Fan Model	RPM	Pressure (PA)	M3/H	Power	Structure	Impeller	Power Supply	Water Resistance	Sound Level	Weight
FH-FAN-1.5	1450	510	1739	1.5.KW	PVC	PP Dia 400 mm W-155 mm	3 Phase 380V	IP 44/65	70 dBA	28 kg
		500	1911							
		490	2126							
		470	2315							
		440	2513							
		420	2703							
		380	2895							
		340	3085							
		300	3285							

Fan Model	RPM	Pressure (PA)	M3/H	Power	Structure	Impeller	Power Supply	Water Resistance	Sound Level	Weight
FH-FAN-2.2	1450	510	2000	2.2.KW	PVC	PP Dia 480 mm W-200 mm	3 Phase 380V	IP 44/65	74 dBA	34 kg
		500	2200							
		490	2400							
		470	2600							
		440	2800							
		420	3000							
		380	3200							
		340	3400							
		300	3600							

Fan Accessories

P/N	FH-M-DAM	FH-EXM	FH-WRACK
Description	Fan Manual Damper	Explosion Proof Fan Motor	Metal Fan Wall Rack

Web: www.topairsystems.com Email: sales@topairsystems.com

Office - USA: 3182 Monterey Dr., Merrick, NY 11566, USA

Tel : +1-718-841-8886 Email: sales@topairsystems.com

Office - UK: Evolution Testing & Analytical services (UK) Ltd,
Elstree House, Elstree Way, Borehamwood, Herts WD6 1SD, UK

Tel:+44-203-1374012 Email: sales@topairsystems.com

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