



### **COSMOTEC MISSION...**

is to be the premier provider of energy efficient thermal management products for industrial applications.

**2014**

# Ventilation - Top Mount

## Top Mount - TB



### Common Features

- Exhaust Fan top mounting
- 4 sizes
- Air Flow 575-2365 m<sup>3</sup>/h
- Protection degree IP44 (IP54 special protection)
- Radial Fans with high external static pressure
- Available without fans for applications
- Used with GHF Grills

### Industry Standards

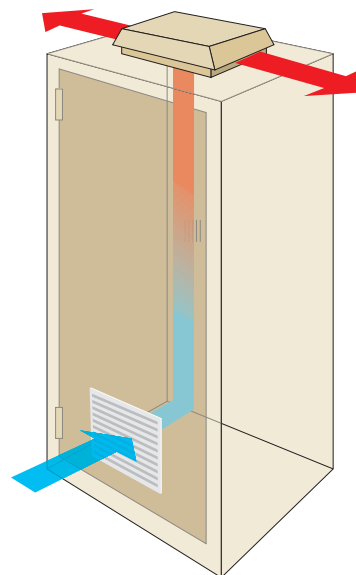
- IP 54 Rated
- Type 12

### Industries Served

- Industrial & Process Automation
- Packaging Systems

### Product Attributes

- 4 different size footprints for flexibility
- CFM Range of 206 CFM - 1098 CFM
- Wide range of Voltage options: 115VAC, 230VAC
- Operating Temperature: -20°C / -4°F to 55°C / 131°F
- All Models UV Resistant ABS Blend; RAL 7035
- All units functionally tested before shipment



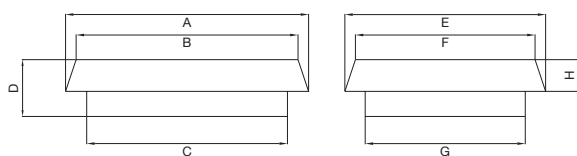
## TB

Specification	TB190			TB220
	TB190HF	TB190HF220	TB190HF222	TB220HF220
Power Supply - V-Ph-Hz		230-1-50/60	115-1-50/60	230-1-50/60
Height/Width/Depth - mm	108 x 460 x 380	108 x 460 x 380	108 x 460 x 380	108 x 460 x 380
Height/Width/Depth - in	4.25 x 18.11 x 14.96	4.25 x 18.11 x 14.96	4.25 x 18.11 x 14.96	4.25 x 18.11 x 14.96
Power Absorbed / Current Absorbed - W/A		75 / 0.34	80 / 0.8	85 / 0.4
Side Ambient Temperature Limits - °C		- 20° / +55°	- 20° / +55°	- 20° / +55°
Side Ambient Temperature Limits - °F		-4° / +131°	-4° / +131°	-4° / +131°
Side Cabinet Protection Degree - IP	54	54	54	54
Noise Level - dB(A)		80	80	80
Air Flow - m <sup>3</sup> /h (CFM)		350 (206)	350 (206)	610 (359)
Weight - kg (lb)	3.5 (7.7)	6.3 (13.89)	6.3 (13.89)	8.5 (18.74)
Filter Fan Qty	1 x GHF25	1 x GHF25	1 x GHF25	1 x GHF30

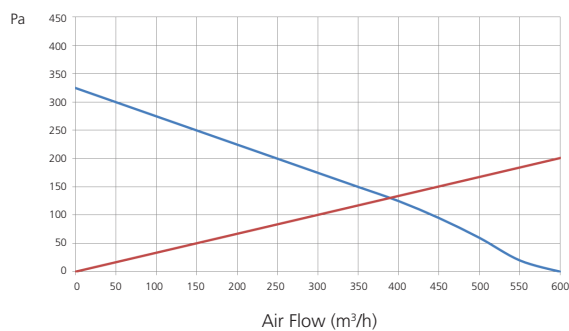
# Ventilation - Top Mount

Specification	TB250		TB350	
	TB250HF	TB250HF220	TB350HF	TB350HF220
Power Supply - V-Ph-Hz		230-1-50/60		230-1-50/60
Height/Width/Depth - mm	160 x 540 x 400	160 x 540 x 400	300 x 600 x 550	300 x 600 x 550
Height/Width/Depth - in	6.3 x 21.26 x 15.75	6.3 x 21.26 x 15.75	11.81 x 23.62 x 21.65	11.81 x 23.62 x 21.65
Power Absorbed / Current Absorbed - W/A		215 / 0.95		170 / 1.1
Side Ambient Temperature Limits - °C		- 20° / +55°		- 20° / +55°
Side Ambient Temperature Limits - °F		-4° / +131°		-4° / +131°
Side Cabinet Protection Degree - IP	54	54	54	54
Noise Level - dB(A)		82	82	82
Air Flow - m³/h (CFM)		1,100 (647)	1,865 (1,098)	1,865 (1,098)
Weight - kg (lbs)	9 (19.84)	13 (28.66)	21 (46.3)	21 (46.3)
Filter Fan Qty	2 x GHF30	2 x GHF30	6 x GHF30	6 x GHF30

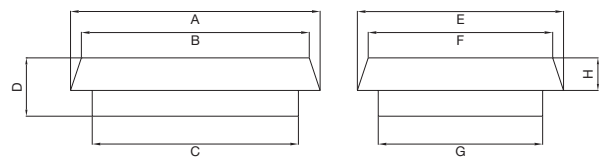
TB190



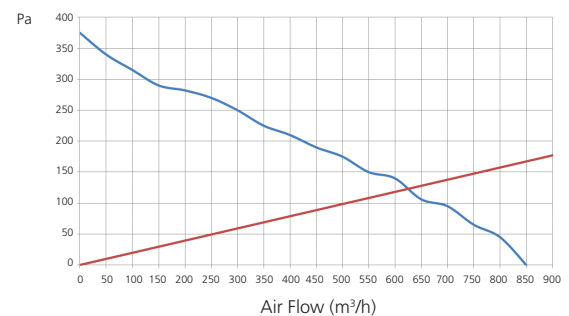
mm*	A	B	C	D	E	F	G	H
TB190002xx	460	420	380	108	380	340	300	60



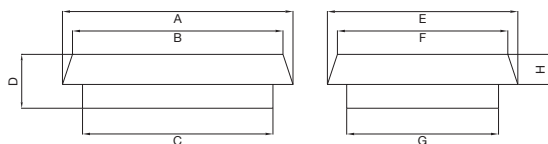
TB220



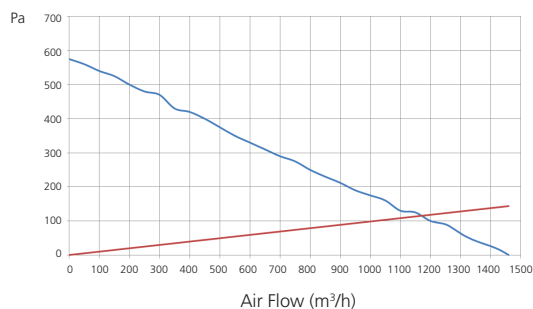
mm*	A	B	C	D	E	F	G	H
TB220002xx	460	420	380	108	380	340	300	60



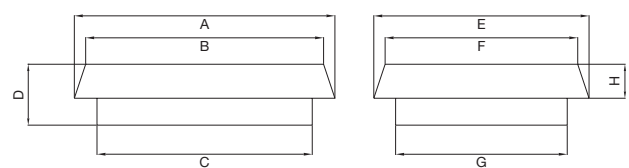
TB250



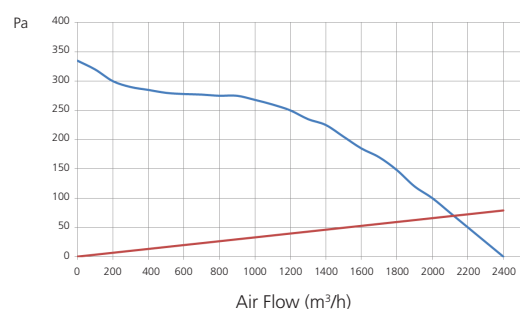
mm*	A	B	C	D	E	F	G	H
TB250002xx	540	500	440	160	400	360	320	100



TB350



mm*	A	B	C	D	E	F	G	H
TB350002xx	600	540	480	300	550	490	470	190



\* see table for measurements in in.

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