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## **BIFURCATED FANS - CONICAL BIFURCATED**

Bifurcated fans are used to exhaust a wide variety of hot gases, paint fumes, smoke, steam and dust in suspension.

### **USES**

For exhausting hot gasses, paint fumes (excluding, cellulose), steam, smoke and dust laden air, available in diameters 250-1250mm.

### **FAN TYPE NT**

Normal Temperature – upto 80°C (176°F). Constructed in mild steel with a polypropylene impeller and Class F insulation motor. Special corrosion- resistant finishes available. Standard finish - Galvanised.

### **FAN TYPE HT**

High Temperature - upto 200°C (392°F). Constructed in mild steel with an aluminium impeller and Class F insulation motor. Special corrosion- resistant finishes available. Standard finish - galvanised.

### **MOTORS**

Standard three or single phase motors can be fitted along with ATEX ZONE 1 or 2 and company specification units when required.

### **PLASTIC FANS**

This range of fans can also be constructed from rigid PVC sheet reinforced with fibreglass and suitable for a wide fans of uses in the chemical industry and in the extraction of acid fumes from industrial processes. Dimensions and performance data as for normal Bifurcated fans.

For exhausting hot gasses, chemical vapours, steam and moisture laden air, available in diameters 250-1000mm. Max temp 60°C

### **STAINLESS STEEL FAN TYPE 304**

Ideal for use in the catering industry for air temperature upto 80°C (176°F). For exhausting warm air and steam. Constructed throughout in stainless steel with a polypropylene impeller and Class 'F' standard motor with a stainless steel extended shaft.

## **STAINLESS STEEL FAN TYPE 316**

Uses mainly in the chemical and allied trades. Suitable for most acid vapours upto 80°C (176°F). Constructed throughout in stainless steel with a polypropylene impeller and Class F standard motor with a stainless steel extended shaft.

### **EXTRA FEATURES AVAILABLE**

*Mounting feet*

*flexible connections*

*AV Mountings*

*Mating Flanges*

*Inlet Cones*

*Guards*

*Back-draught shutters*

*Special Paint finishes*

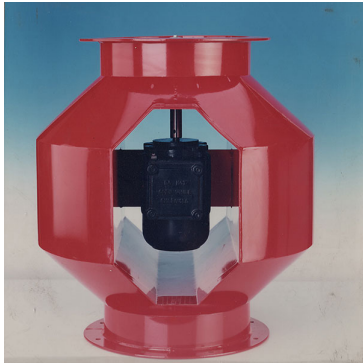
### **FINISH**

**Standard Fans:** *Galvanised*

**Optional Finishes:** *Epoxy Resin, Metal Spraying*



## CONICAL BIFURCATED



Useful for exhausting hot gases, paint fumes (excluding cellulose), steam, smoke and dust laden air. Available in diameters 150mm to 1500mm

### POSITIONING

### CONSTRUCTION

Fan Size	A	B	C	D	E	F	G
150	150	214	610	260	6	6	195
200	200	264	610	400	8	10	242
250	250	344	610	450	8	10	295
315	315	399	610	560	8	10	355
355	355	434	650	600	8	12	395
400	400	484	680	660	8	12	450
450	450	534	790	735	8	12	500
500	500	584	790	735	12	12	560
560	560	644	800	760	12	12	620
630	630	714	800	760	12	12	690
710	710	794	800	900	16	12	770
800	800	908	1000	1000	16	12	860
900	900	1033	1250	1200	16	15	970
1000	1000	1133	1300	1350	16	15	1070
1120	1120	1253	1400	1450	20	18	1190
1250	1250	1406	1600	1600	20	18	1320

Flange drillings to BS EN ISO 13351 2009(E)

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