

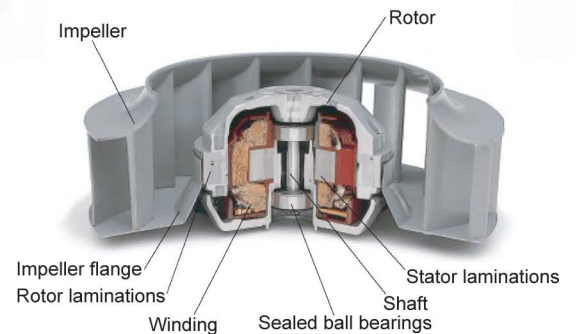
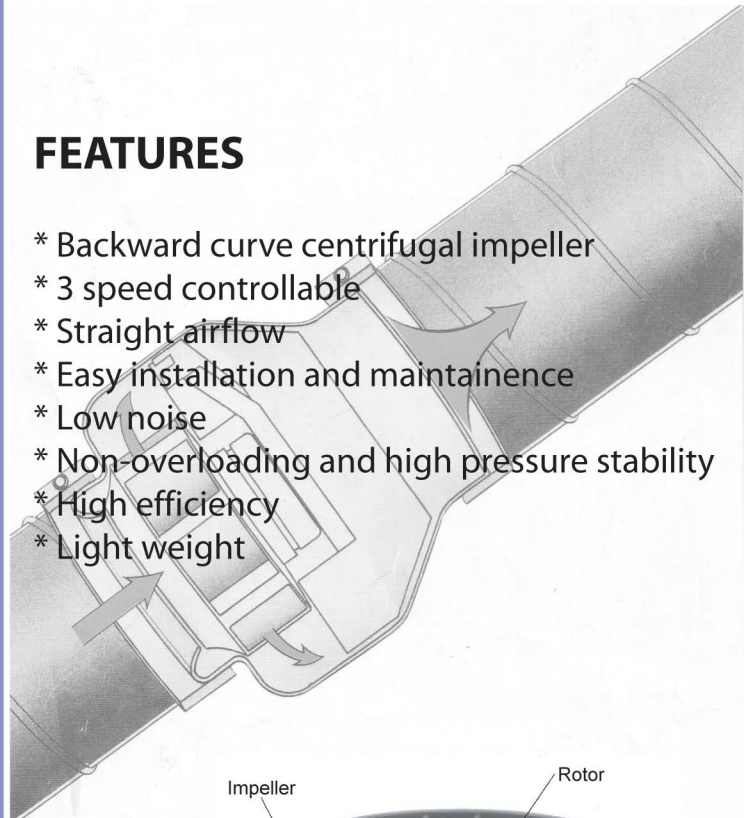


technikair fans have been developed to have the best of both, the benefits of axial fans and backward curved centrifugal fans. The fan housing ends are constructed in accordance with the standard spiro ducting dimensions, for quick and easy installation.

MultiSpeed Centrifugal In-Line Fan

FEATURES

- * Backward curve centrifugal impeller
- * 3 speed controllable
- * Straight airflow
- * Easy installation and maintenance
- * Low noise
- * Non-overloading and high pressure stability
- * High efficiency
- * Light weight



MOTOR

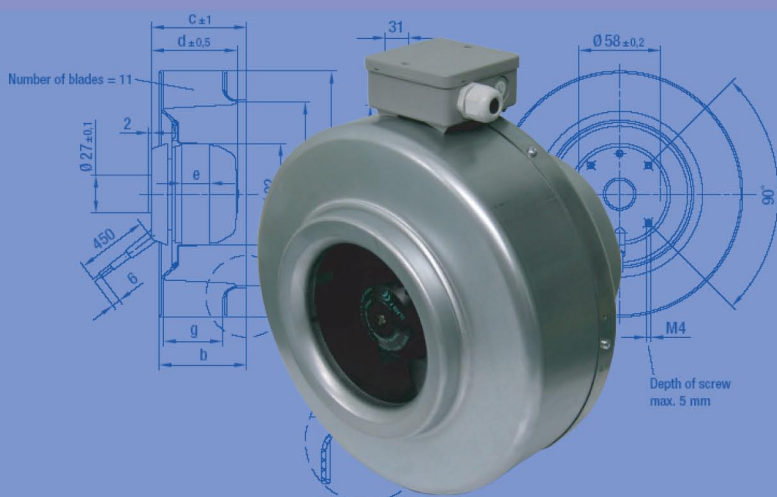
The fan is driven by an external rotor motor, fitted with sealed ball bearings and are tropicallized. Suitable for operation in ambient temperatures from -14°C to $+40^{\circ}\text{C}$ and has a built-in thermal protection device, with Class F insulation.

FAN UNIT

Backward curved impeller, which has non-overloading characteristic, is used in *technikAIR* fans. The fan and impeller as a whole is statically and dynamically balanced to ensure a vibration free operation.

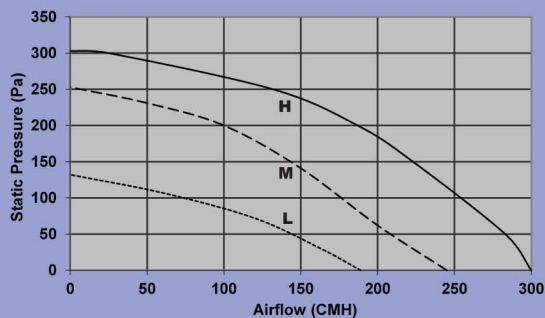
CASING

Fabricated from electroplated sheet steel for rust protection, and enamel coated for a more durable finish. The aerodynamically designed inlet bellmouth ensures high efficiency at low sound level.

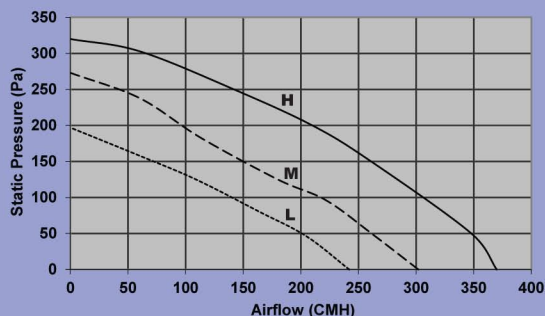


PERFORMANCE CURVES

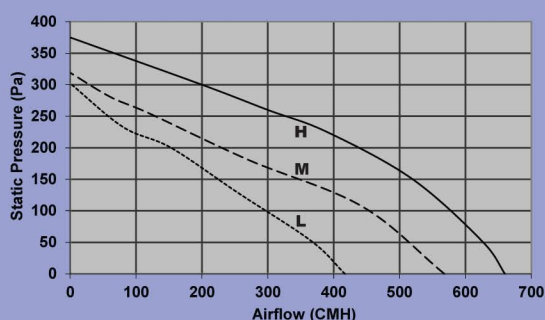
DF 100



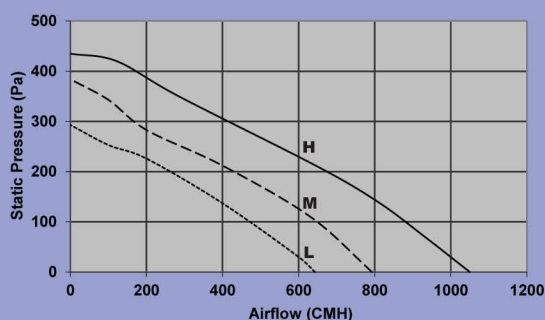
DF 125



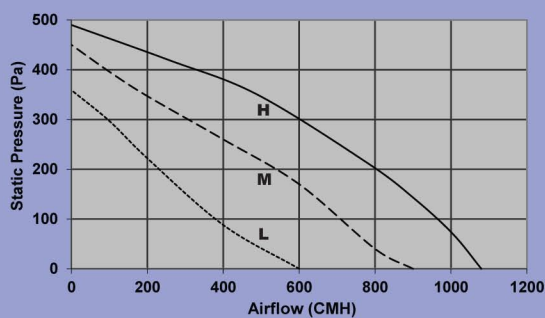
DF 160



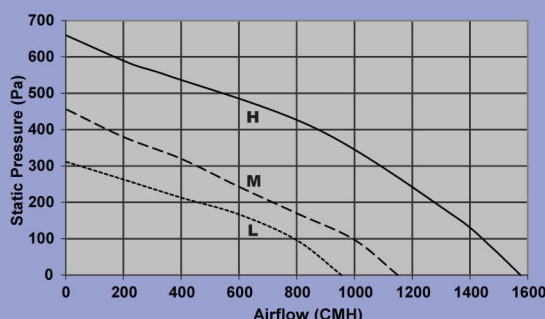
DF 200



DF 250



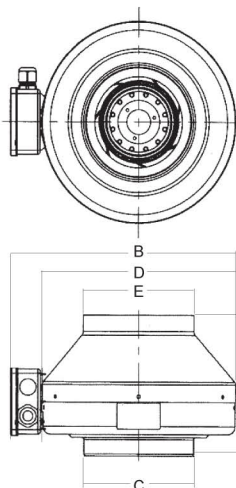
DF 315



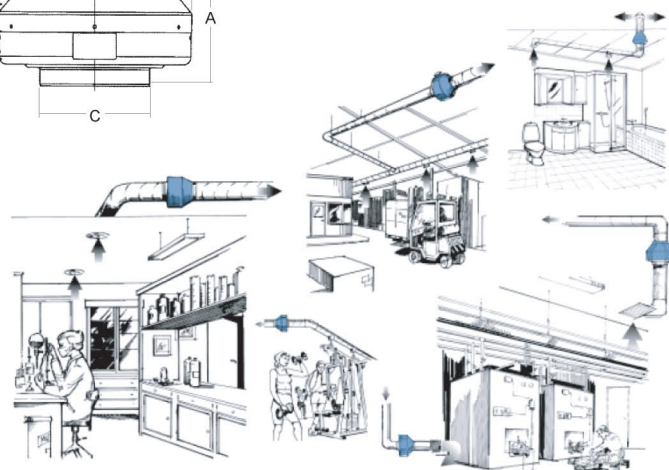
ELECTRICAL DATA

MODEL		Speed (RPM)	Motor (Watts)	Current (A)	Sound (dBA)
DF 100	High	2610	67	0.28	38
	Medium	2340	53	0.22	33
	Low	2030	51	0.21	30
DF 125	High	2570	69	0.28	43
	Medium	2320	59	0.27	38
	Low	1950	59	0.24	36
DF 160	High	2530	140	0.62	52
	Medium	2430	122	0.53	46
	Low	1650	110	0.51	43
DF 200	High	2560	160	0.76	52
	Medium	2450	142	0.74	48
	Low	2080	120	0.72	45
DF 250	High	2530	175	0.76	49
	Medium	2400	161	0.73	44
	Low	2110	159	0.73	43
DF 315	High	2520	253	0.85	54
	Medium	2400	239	0.83	49
	Low	1940	225	0.81	43

DIMENSIONS



MODEL	A	B	C	D	E
DF 100	203	279	100	236	100
DF 125	193	279	125	236	125
DF 160	220	325	160	275	160
DF 200	255	380	200	340	200
DF 250	225	380	250	340	250
DF 315	245	445	315	405	315



* We reserve the right to modify our products and specifications, at any time without notice, in accordance with improved standards or change in parts.