

BROAN®

Global Leader in Home Air Quality

Fresh • Quiet

Operation noises low as **16dB!**

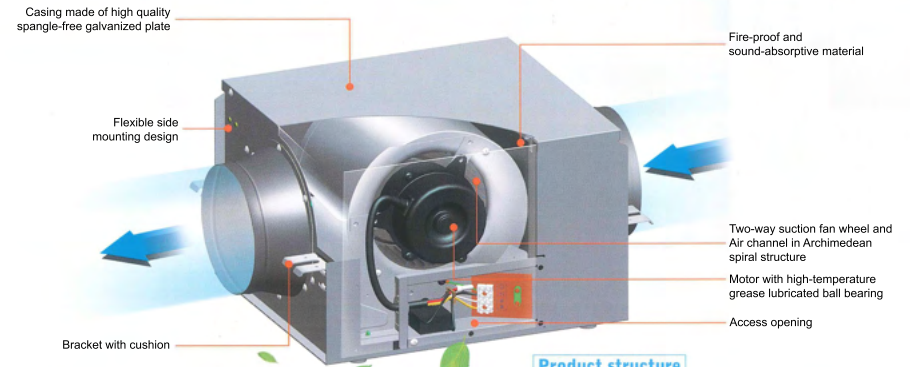
- Long-life induction IP44 motor
- Comply to HKFSD Requirement
- Low operation noise



Super Quiet Duct Ventilator



Super Quiet Duct Ventilators



Product structure



Using high-quality sound-absorptive materials and optimize design of blades and air channels

Noise as low as **16dB**



The volute and fan wheel are precisely designed in combination with the operating characteristics of the motor, leading to higher static pressure under the same blowing rate and stable long-distance blowing.



Metal casing made of high-quality spangle-free* galvanized plate, with higher corrosion resistance

Corrosion endurance duration exceeding **150 hours** in neutral salt spray (NSS) test

(At present, the corrosion-free duration in NSS test in this industry is generally no more than 100 hours.)

150hours



All the parts and components (including motor and fan wheel) can be maintained, inspected and repaired without dismounting the whole machine but dismounting the side cover only.



Spangle: Generally refers to the crystal appearance formed during cooling and solidification of the zinc layer after the hot galvanized plate is taken out from the zinc pot. Spangle will not appear in the case of high purity zinc layer. Under the same zinc layer thickness, the corrosion resistance of materials with spangle is lower than that without spangle. In addition, spangle may cause surface roughness after painting, thus, spangle-free galvanized plate can be used in applications with higher corrosion resistance requirements.

Product Parameters

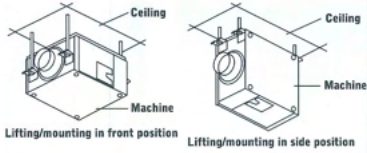
Model	Voltage (V)	Hertz (Hz)	Power Consumption (W)	Motor	Air Volume (m ³ /h)	Pressure (Pa)	Sound (dB)	Net Weight (kg)	Duct Diameter (mm)	Installation Opening (mm)			
DP-A010A	220	50	Hi	19	IP44	100	100	18	5.3	Ø100	Horizontal	L312 x W238	
			Lo	16	IP44	80	60	16			Vertical	L318 x W123	
Hi			31	IP44	150	170	20	5.4	Horizontal		L312 x W238		
Lo			24	IP44	130	135	17		Vertical		L318 x W123		
DP-B033A			Hi	43	IP44	330	170	23	8.4	Ø150	Horizontal	L360 x W254	
			Lo	36	IP44	280	120	22			Vertical	L366 x W163	
DP-B045A			Hi	53	IP44	450	190	27	8.5		Ø150	Horizontal	L360 x W254
			Lo	45	IP44	370	180	25				Vertical	L366 x W163
DP-C078A			Hi	90	IP44	780	215	30	10.4	Ø200		Horizontal	L398 x W321
			Lo	80	IP44	680	205	28				Vertical	L404 x W180
DP-D095A	Hi	122	IP44	950	310	32	14.7	Ø200	Horizontal		L469 x W362		
	Lo	100	IP44	800	290	27			Vertical		L475 x W204		
DP-E125A	Hi	240	IP44	1250	350	40	16.8		Ø250	Horizontal	L504 x W416		
	Lo	170	IP44	1000	330	37				Vertical	L510 x W416		
DP-F160A	Hi	340	IP44	1600	400	45	23.4	Ø250		Horizontal	L553 x W440		
	Lo	220	IP44	1200	380	37				Vertical	L559 x W273		
DP-F200A	Hi	470	IP44	1950	480	43	23.8		Ø250	Horizontal	L553 x W440		
	Lo	410	IP44	1650	460	41				Vertical	L559 x W273		

Notes: 1. Blowing rate is the maximum blowing rate measured at static pressure of 0Pa; Static pressure is the maximum static pressure measured at the blowing rate of 0m³/h; the values of blowing rate and static pressure are mean values of the testing results obtained by the Company, with a tolerance of ±5%.
2. Noise level is the value measured 1.5m below the machine where an air guide tube is connected respectively to the air inlet and air outlet to simulate noise emission from machine. The value of noise level is A weighted average sound pressure level of the testing results obtained by the Company, with a tolerance of ±2dB.

Product mounting



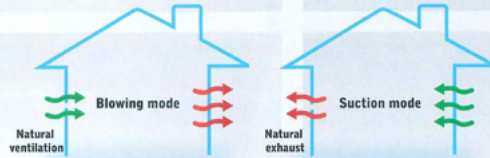
Broan DP can be installed either in front or side position, to suit to different space requirements. Two sets of mounting holes are available for easy switching between both mounting positions.



Lifting/mounting in front position

Lifting/mounting in side position

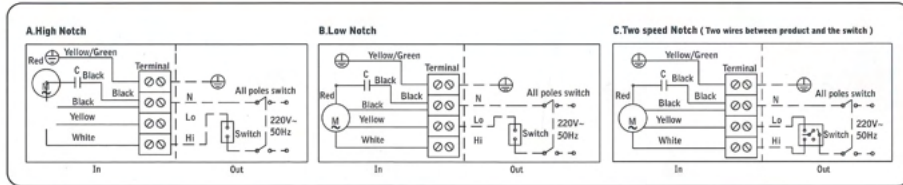
Typical applications



In active blowing mode, it exhausts stale indoor air outdoor, and fresh air is introduced by natural ventilation. This mode is suitable for polluted area.

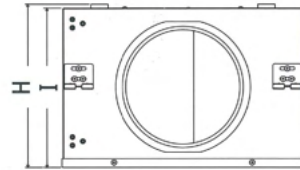
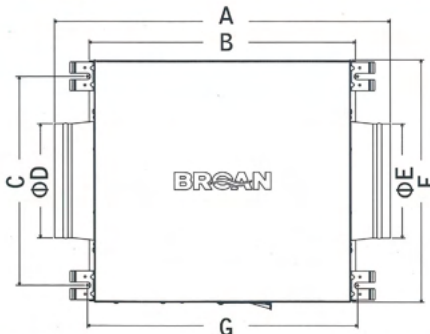
In active suction mode, it introduces outdoor fresh air continuously to indoor space, and indoor stale air is expelled by natural exhaust. This mode is suitable for area with the need for fresh air.

Wiring Diagram



Remark: 1. All switches are not provided. 2. If choose C, please note the wall control needs to be a two-way tumbler switch.

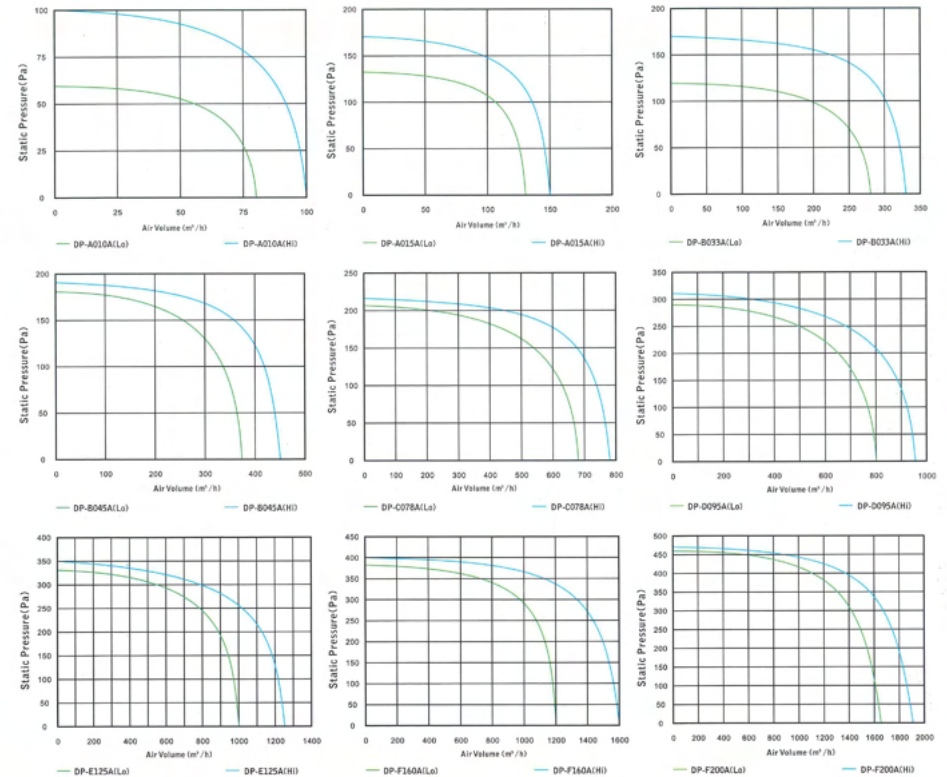
Product Dimensions (in mm)



Model	A	B	C	D	E	F	G	H	I
DP-A010A	404	306	238	98	98	294	312	192	187
DP-A015A	404	306	238	98	98	294	312	192	187
DP-B033A	454	354	238	148	148	312	360	237	232
DP-B045A	454	354	238	148	148	312	360	237	232

Model	A	B	C	D	E	F	G	H	I
DP-C078A	512	392	321	198	198	379	398	260	255
DP-D095A	582	462	362	198	198	420	469	283	276
DP-E125A	614	504	416	198	198	474	510	307	300
DP-F160A	691	541	440	240	240	498	553	359	352
DP-F200A	691	541	440	240	240	498	553	359	352

Air Volume-Pressure Curve



Model Works in Hong Kong & Macau



Broan products certified by:



Authorized Distributor in Malaysia



Sky Pest Sdn Bhd
 C-G-23, Pusat Perdagangan Bukit Serdang
 Jalan BS 14/1, 43300 Seri Kembangan, Selangor
 Tel: +6019 381 0988 / +6012 384 5215
 Email: info@skypest.com