

BROAN®

Global Leader in Home Air Quality

Fresh • Quiet

Operation noise is low to **16dB!**

5-year warranty for motor

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



Super Quiet Duct Ventilator



Super Quiet Duct Ventilators

Casing made of high-quality spangle-free galvanized plate

Hanging angle iron fixing holes for side lifting are reserved, and rubber plugs are supplied

Special fire-proof and sound-absorptive material

Two-way suction fan wheel and Air channel in Archimedean spiral structure

Motor with high-quality high-temperature grease lubricated ball bearing

Access opening

Innovative hanging angle iron and shockproof cushion

Product structure



Super silent

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

Noise as low as **16dB**

Noise reduced by **34%** compared with the Company's previous duct ventilator products of similar blowing rate



High static pressure

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.



High corrosion resistance

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

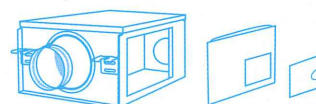
Corrosion endurance duration exceeding 150 hours in neutral salt spray (NSS) test

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



Easy maintenance

All the parts and components (including motor and fan wheel) can be maintained, inspected and repaired without dismantling the whole machine but dismantling 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 (m³/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	Φ100	Horizontal	L312 x W238
			Lo	16	IP44	80	60	16			Vertical	L318 x W123
DP-A015A			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	Φ150	Horizontal	L360 x W254
			Lo	36	IP44	280	120	22			Vertical	L366 x W163
DP-B045A			Hi	53	IP44	450	190	27	8.5		Horizontal	L360 x W254
			Lo	45	IP44	370	180	25			Vertical	L366 x W163
DP-C078A			Hi	90	IP44	780	215	30	10.4	Φ200	Horizontal	L398 x W321
			Lo	80	IP44	680	205	28			Vertical	L404 x W180
DP-D095A			Hi	122	IP44	950	310	32	14.7		Horizontal	L469 x W362
			Lo	100	IP44	800	290	27			Vertical	L475 x W204
DP-E125A			Hi	240	IP44	1250	350	40	16.8	Φ250	Horizontal	L504 x W416
			Lo	170	IP44	1000	330	37			Vertical	L510 x W416
DP-F160A			Hi	340	IP44	1600	400	45	23.4		Horizontal	L553 x W440
			Lo	220	IP44	1200	380	37			Vertical	L559 x W273
DP-F200A			Hi	470	IP44	1950	480	43	23.8		Horizontal	L553 x W440
			Lo	410	IP44	1650	460	41			Vertical	L559 x W273

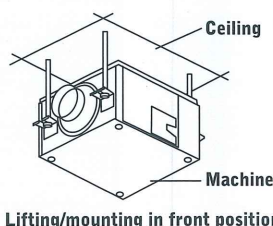
Notes: 1. Blowing rate is the maximum blowing rate measured at static pressure of 0Pa; Static pressure is the maximum static pressure measured at the blowing rate of 0m³/h; the values of blowing rate and static pressure are mean values of the testing results obtained by the Company, with a tolerance 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 ceiling. 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.

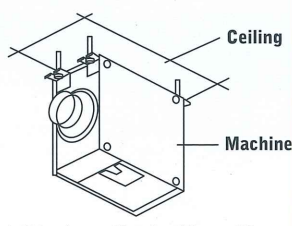
Product mounting



To meet the requirements of different mounting environment, the main body of the machine can be lifted in both front and side position. Hanging angle iron fixing holes for both lifting/mounting directions, together with rubber plugs, are reserved, so that the two mounting arrangements can be switched from one to another quickly and reliably with the need for post-modification of the machine.

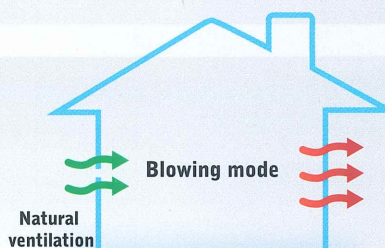


Lifting/mounting in front position

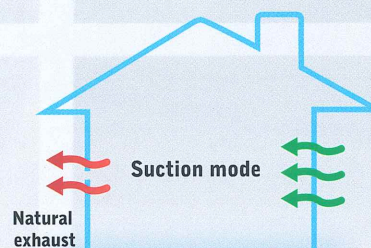


Lifting/mounting in side position

Typical applications



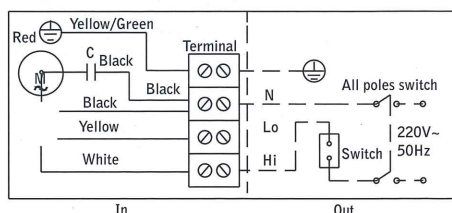
In the case of active blowing mounting arrangement, it can blow the unclean indoor air to outdoor space, and fresh air can be introduced by means of natural ventilation. To use this mode, it is suitable to set the air outlet in highly polluted area.



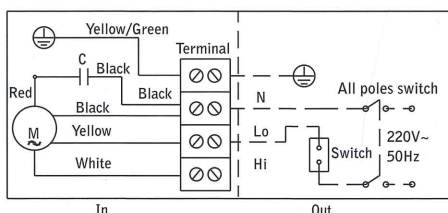
In the case of active suction mounting arrangement, it can ceaselessly introduce outdoor fresh air to indoor space, and the unclean air can go out of the indoor space by means of natural exhaust. To use this mode, it is suitable to set the air outlet in the area with the greatest need for fresh air.

Wiring Diagram

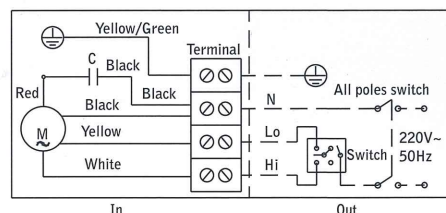
A.High Notch



B.Low Notch

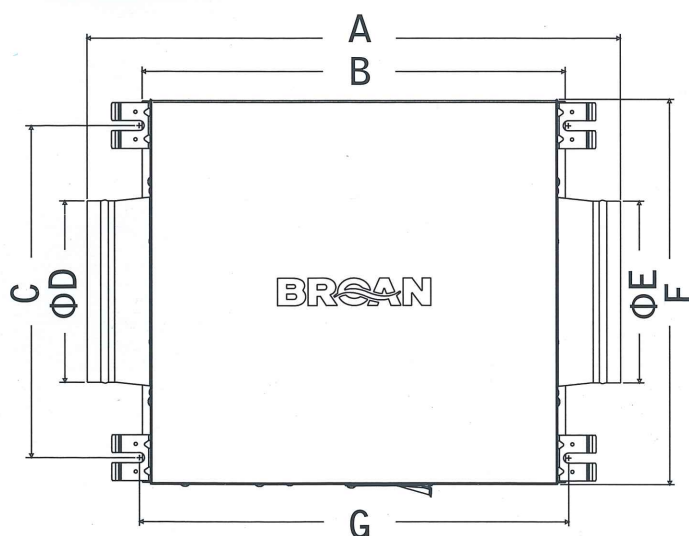
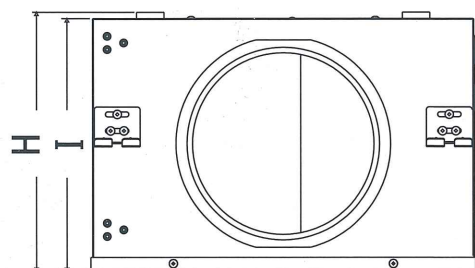


C.Two speed Notch (Two wires between product and the switch)



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

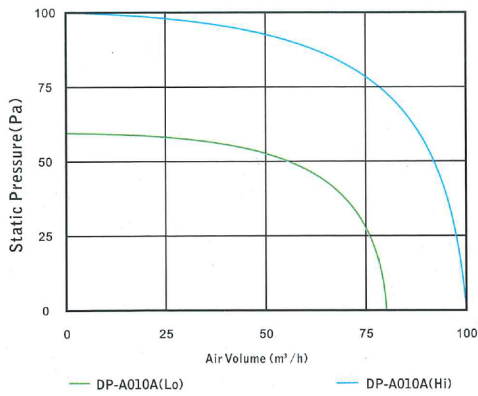
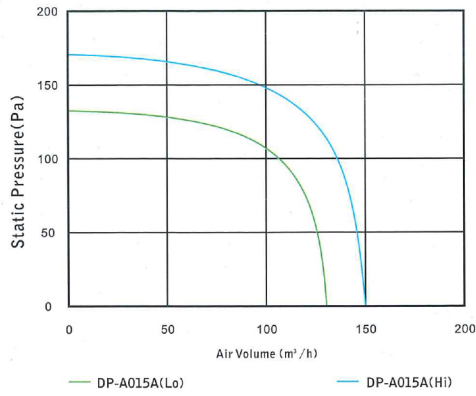
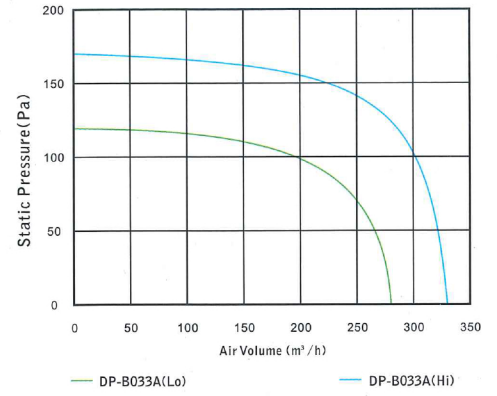
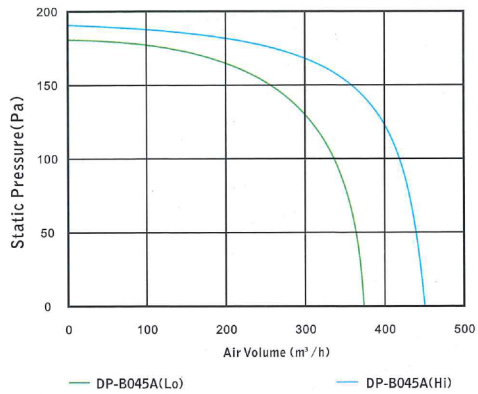
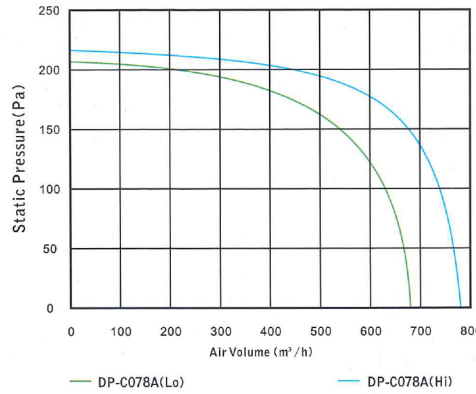
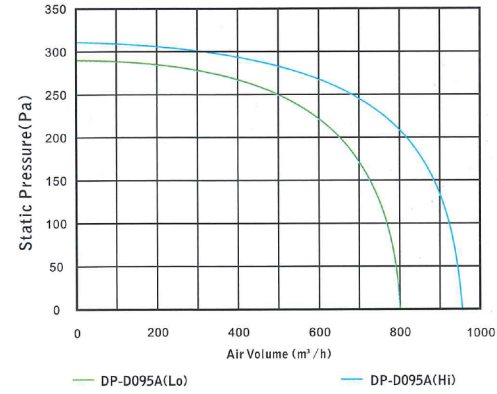
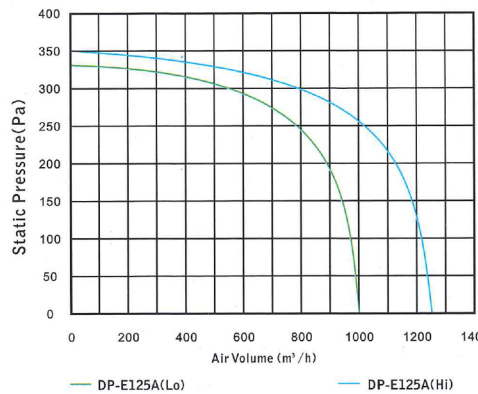
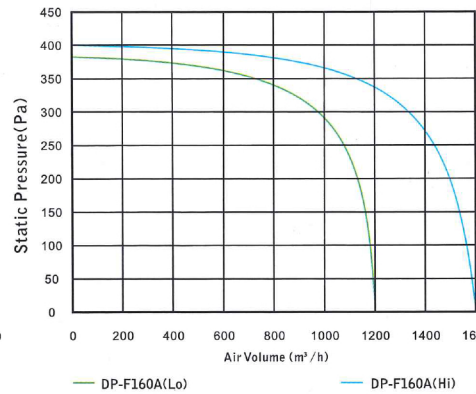
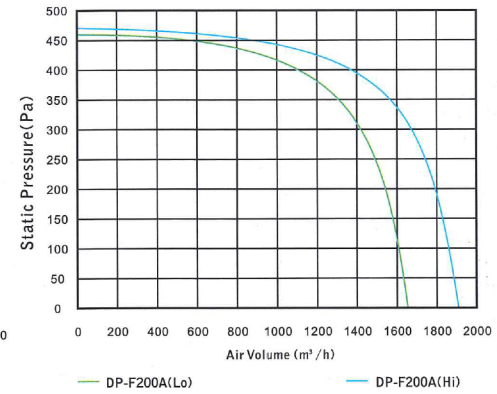
Product Dimensions (in mm)



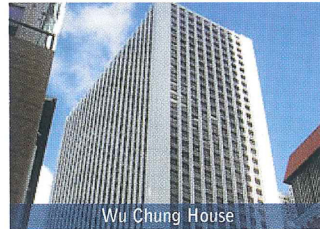
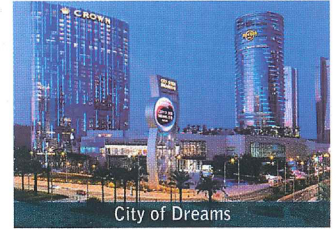
Model	A	B	C	D	E	F	G	H	I
DP-A010A	404	306	238	98	98	294	312	192	187
DP-A015A	404	306	238	98	98	294	312	192	187
DP-B033A	454	354	238	148	148	312	360	237	232
DP-B045A	454	354	238	148	148	312	360	237	232

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



Authorized Distributor in Singapore, Malaysia and Indonesia

Broan products certified by:



Ever Cool Air Conditioning Pte. Ltd.
 48 MacTaggart Road, MAE Industrial Building,
 #02-03, Singapore 368088
 Tel: 6208-1584
 Email: info@evercool-aircon.com.sg
 Website: <https://www.evercool-aircon.com.sg>

