

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

Special fire-proof and sound-absorptive material

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

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



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



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.



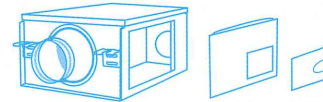
Metal casing made of high-quality spangle-free* galvanized plate, with higher corrosion resistance

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.)



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

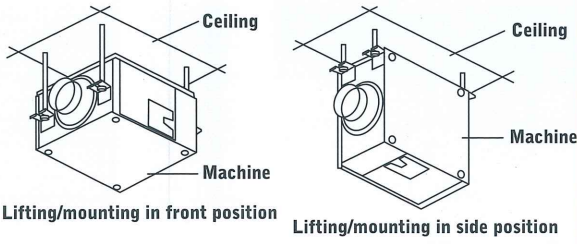
Model	Voltage (V)	Hertz (Hz)	Power Consumption (W)	Motor	Air Volume (m³/h)	Pressure (Pa)	Sound (dB)	Net Weight (kg)	Duct Diameter (mm)	Installation Opening (mm)		
DP-A010A	220	50	Hi	19	IP44	100	100	18	5.3	Φ100	Horizontal	L312 x W238
			Lo	16	IP44	80	60	16			Vertical	L318 x W123
DP-A015A			Hi	31	IP44	150	170	20	5.4	Φ100	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	Φ150	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	Φ200	Horizontal	L469 x W362
			Lo	100	IP44	800	290	27			Vertical	L475 x W204
DP-E125A	Hi	240	IP44	1250	350	40	16.8	Φ200	Horizontal	L504 x W416		
	Lo	170	IP44	1000	330	37			Vertical	L510 x W416		
DP-F160A	Hi	340	IP44	1600	400	45	23.4	Φ250	Horizontal	L553 x W440		
	Lo	220	IP44	1200	380	37			Vertical	L559 x W273		
DP-F200A	Hi	470	IP44	1950	480	43	23.8	Φ250	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.

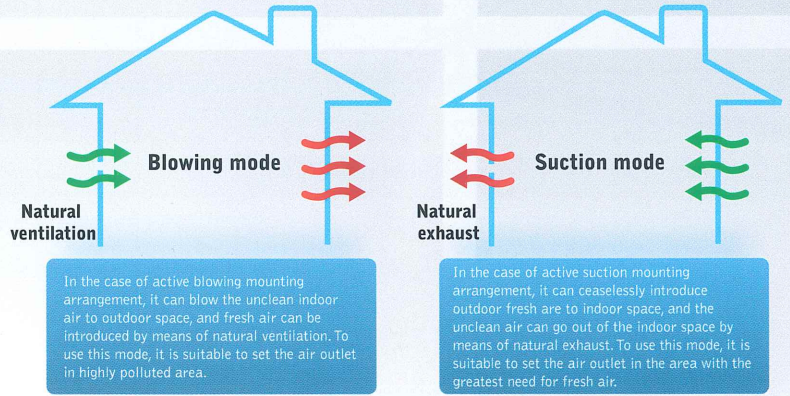
Product mounting



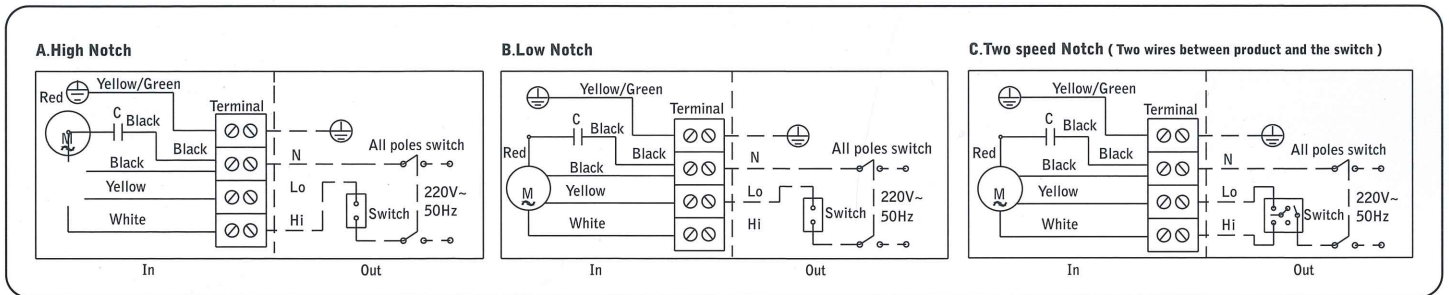
To meet the requirements of different mounting environment, the main body of the machine can be lifted in both front and side position. Hanging angle iron fixing holes for both lifting/mounting directions, together with rubber plugs, are reserved, so that the two mounting arrangements can be switched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



Typical applications

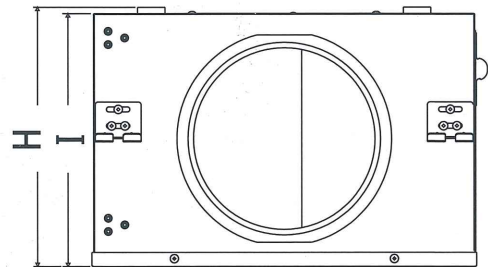
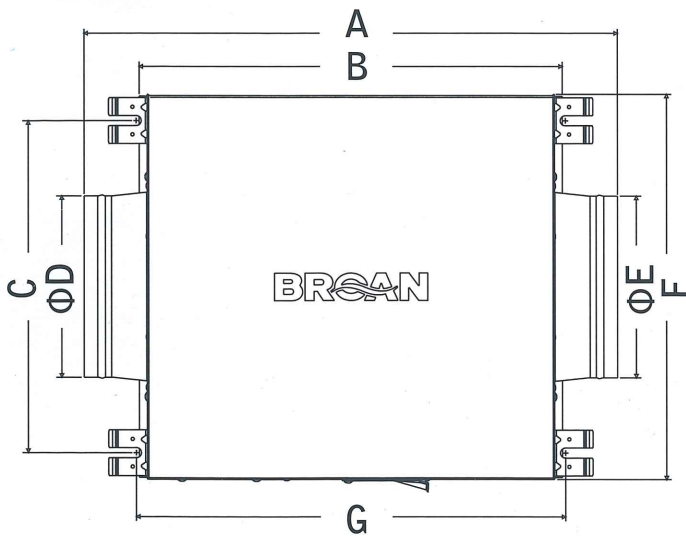


Wiring Diagram



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

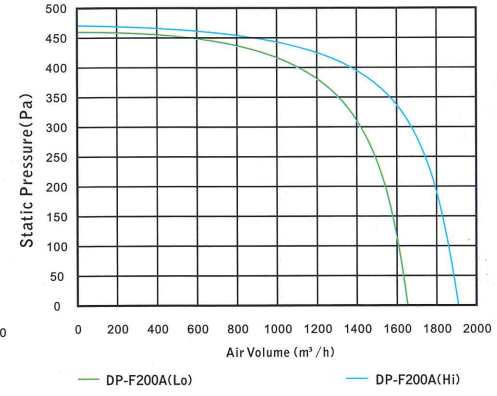
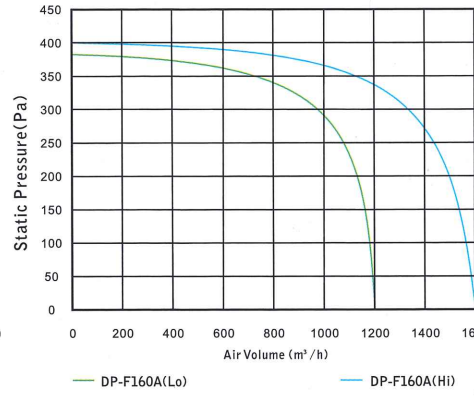
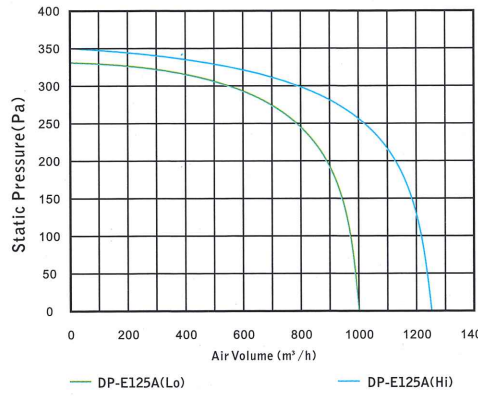
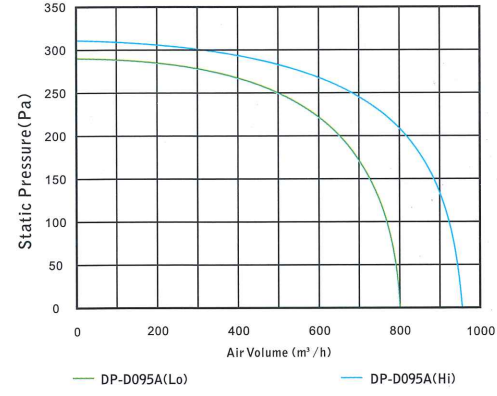
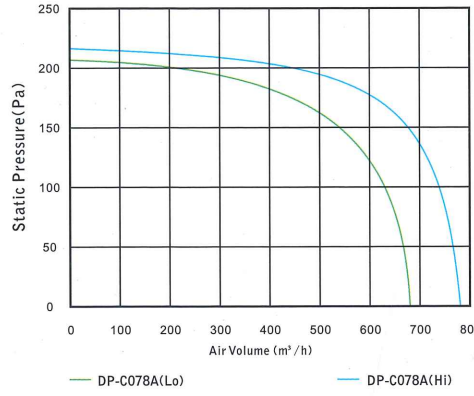
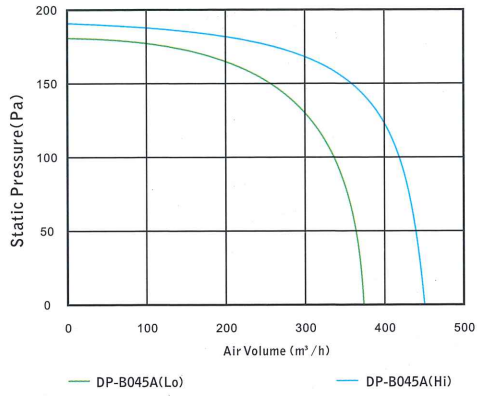
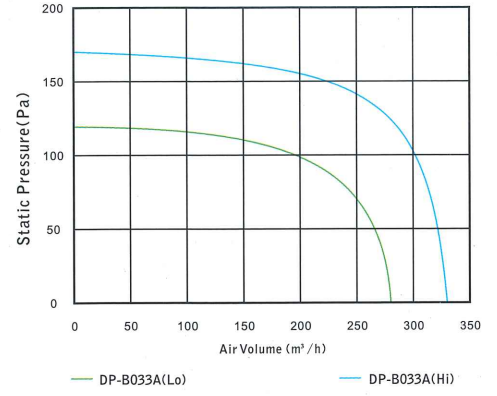
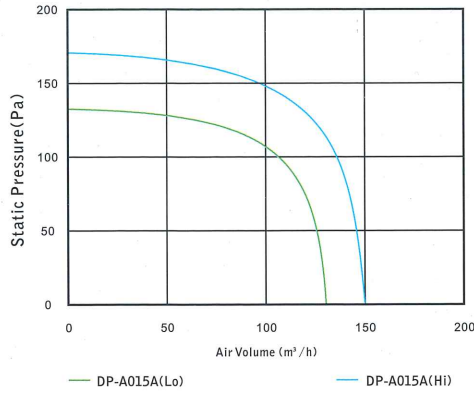
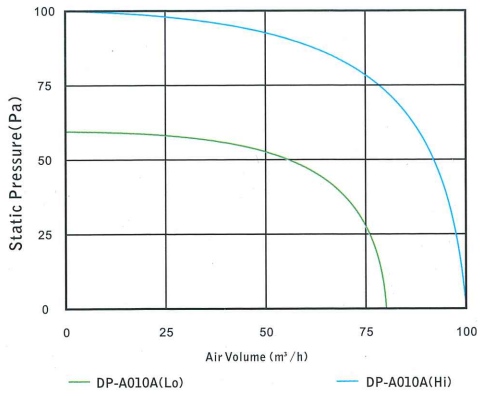
Product Dimensions (in mm)



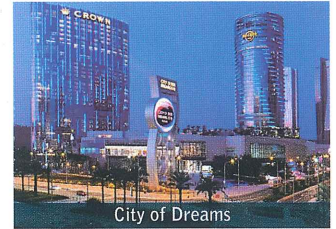
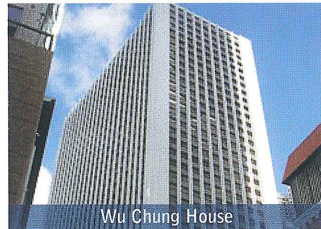
Model	A	B	C	D	E	F	G	H	I
DP-A010A	404	306	238	98	98	294	312	192	187
DP-A015A	404	306	238	98	98	294	312	192	187
DP-B033A	454	354	238	148	148	312	360	237	232
DP-B045A	454	354	238	148	148	312	360	237	232

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:

