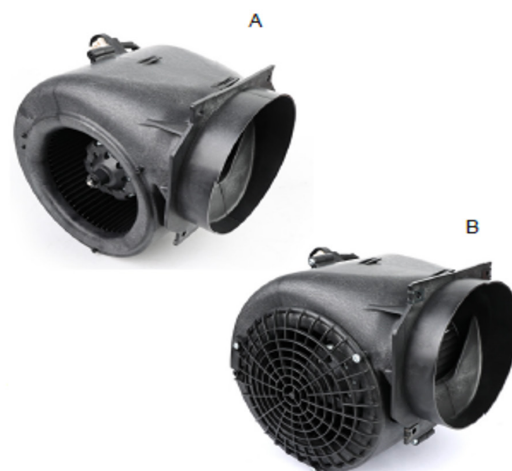


150mm Dual Inlet Blower

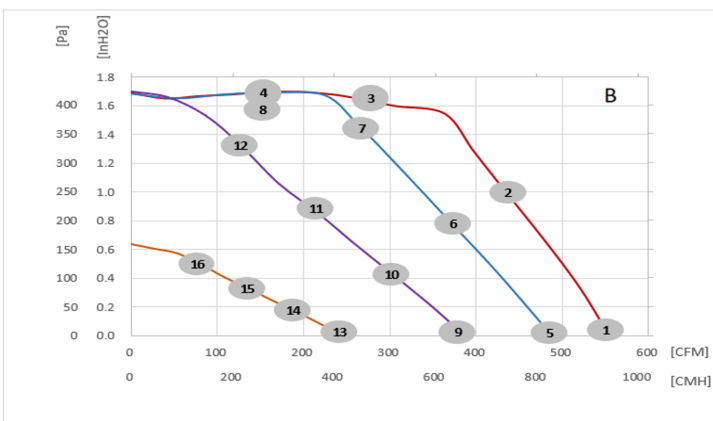
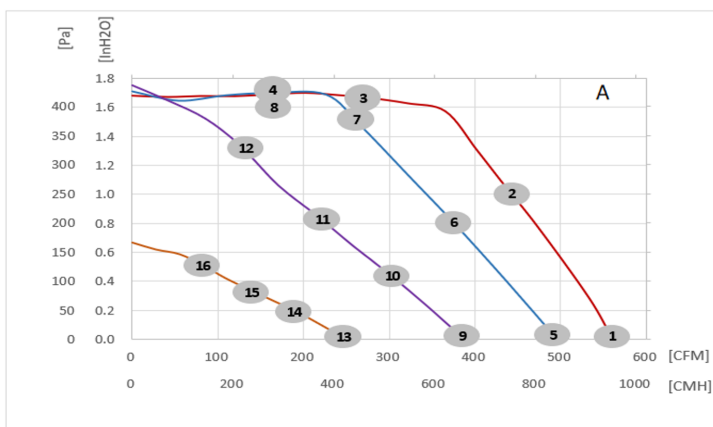
SPECIFICATIONS

Material:	Impeller: Plastic Volute: Plastic Stator: BMC
Number of blades:	57
Direction of rotation:	Clockwise viewed toward impeller
Insulation class:	"B"
Installation position:	Any
Degree of protection:	IP54
Condensation drainage holes:	None
Mode:	Continuous operation (S1)
Mounting:	Maintenance-free ball bearings
Technical features:	Controller input PWM/0-10V
Cable exit:	Variable
Protection class:	I (with customer connection of protective earth)
Conformity with standards:	UL1004-1/-7, EMC: EN55014
Weight:	2.2KG
Certificates:	UL



PERFORMANCE

Nominal data	Platform	Curve	Nominal voltage range	Frequency	Speed*	Max input power*	Max input current*	Operating ambient temp.	Life time	PMW/ 0-10V
Type	Motor		VAC	Hz	rpm	W	A	°C	Hr	
ECO150AD126072220	ECO-072-025-126-PA-221	A	120	50/60	1630	160	2.17	-20 to +40	40,000	●
ECO150AD126072221		B			1670					



	n (rpm)	P1 (W)	I (A)	η (%)	P (Pa)	P (InH ₂ O)	Q (CMH)	Q (CFM)
①	1630	162	2.17	—	0	0	950	558
②	2200	163	2.18	33.8	271	1.06	733	431
③	2500	121	1.69	44.0	415	1.63	465	273
④	2510	79	1.15	40.2	420	1.65	271	159

⑤	1450	105	1.49	—	0	0	843	496
⑥	1900	105	1.49	33.4	199	0.78	639	375
⑦	2370	105	1.49	43.8	367	1.44	453	266
⑧	2500	81	1.18	39.9	424	1.66	277	162

⑨	1140	51	0.77	—	0	0	656	385
⑩	1460	51	0.77	30.8	110	0.43	511	300
⑪	1820	51	0.77	42.0	210	0.82	369	217
⑫	2220	51	0.77	38.8	332	1.3	214	126

⑬	760	15	0.27	—	0	0	423	248
⑭	970	15	0.27	27.3	47	0.18	327	192
⑮	1170	15	0.27	35.6	83	0.32	236	138
⑯	1400	16	0.27	31.6	126	0.49	140	82

	n (rpm)	P1 (W)	I (A)	η (%)	P (Pa)	P (InH ₂ O)	Q (CMH)	Q (CFM)
①	1670	160	2.17	—	0	0	940	552
②	2200	160	2.18	32.1	254	0.99	734	431
③	2510	120	1.68	43.3	408	1.60	460	270
④	2510	77	1.14	40.1	422	1.65	266	156

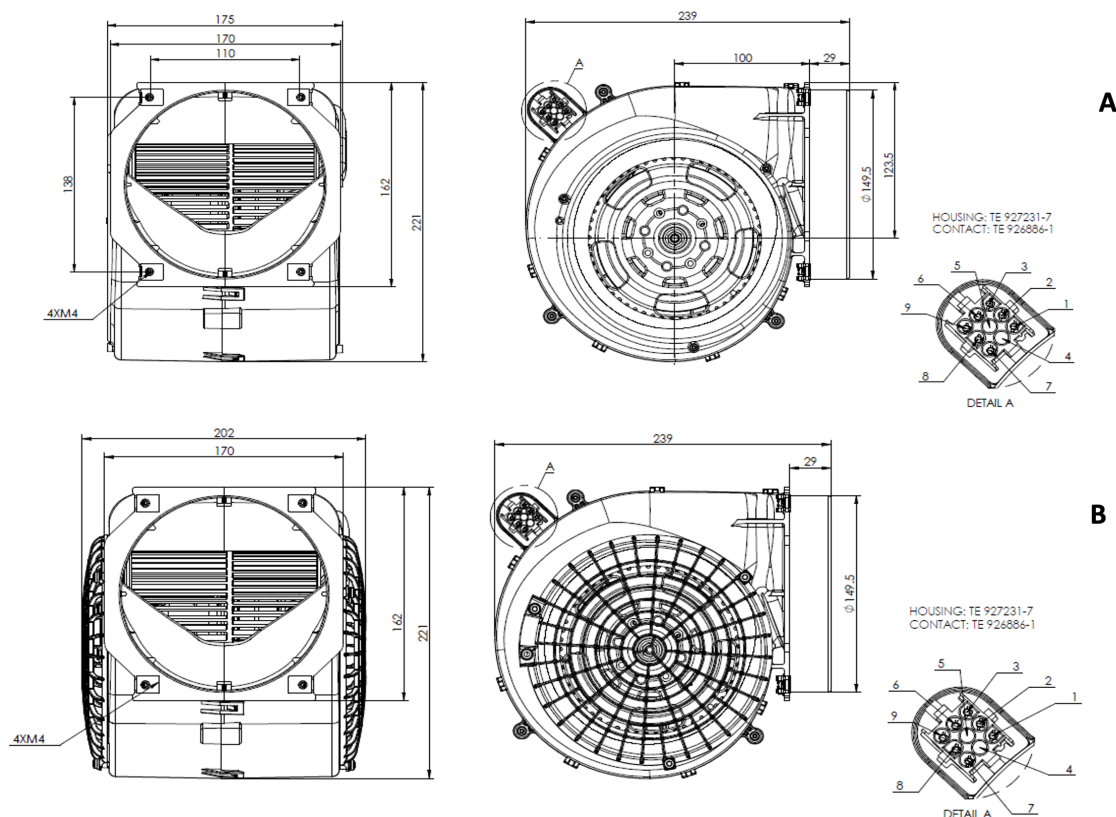
⑤	1470	105	1.49	—	0	0	832	489
⑥	1940	105	1.49	32.2	194	0.76	633	372
⑦	2390	106	1.49	42.8	364	1.43	449	264
⑧	2500	81	1.17	39.8	420	1.65	276	162

⑨	1180	52	0.77	—	0	0	654	384
⑩	1500	52	0.77	29.9	110	0.43	509	299
⑪	1860	52	0.77	41.8	213	0.83	366	215
⑫	2250	52	0.77	37.8	333	1.31	212	124

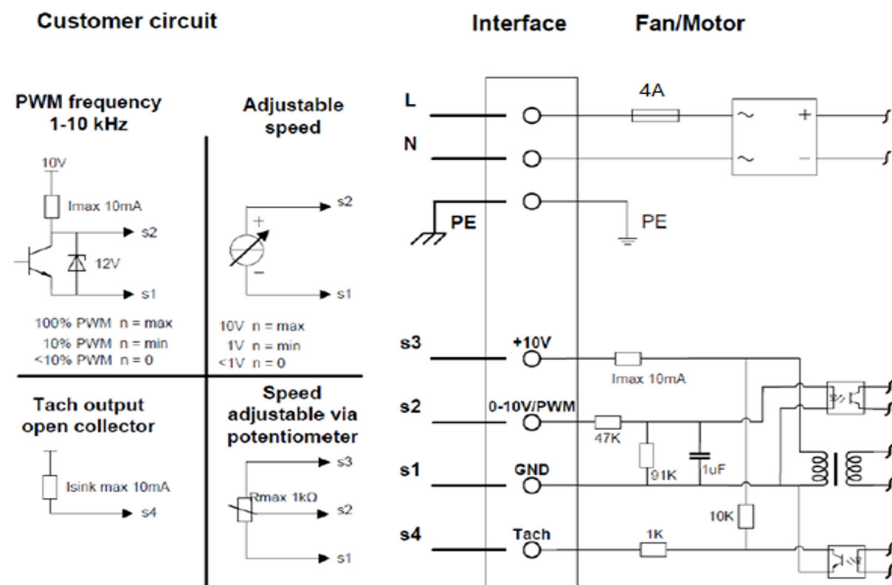
⑬	770	15	0.26	—	0	0	415	244
⑭	980	15	0.26	25.9	45	0.17	318	186
⑮	1170	15	0.26	34.1	81	0.31	231	136
⑯	1400	15	0.26	30.8	124	0.48	137	80

150mm Dual Inlet Blower

DRAWING



DIAGRAM



PIN NO.	DESIGNATION	COLOR	ASSIGNMENT
1	L	BROWN	POWER SUPPLY
2	N	BLUE	NEUTRAL
3	PE	GREEN / YELLOW	GROUND CONNECTION
4	--	--	--
5	--	--	--
6	+10V	RED	VOLTAGE OUTPUT 10VDC, SELV
7	PWM/0-10V	YELLOW	CONTROL INPUT PWM/0-10VDC, SELV
8	GND	BLACK	GND CONNECTION FOR CONTROL INTERFACE, SELV
9	TACH	WHITE	TACH OUT, 1 PULSE / REVOLUTION, SELV