

BLDC DOUBLE INLET FANS

Characteristics

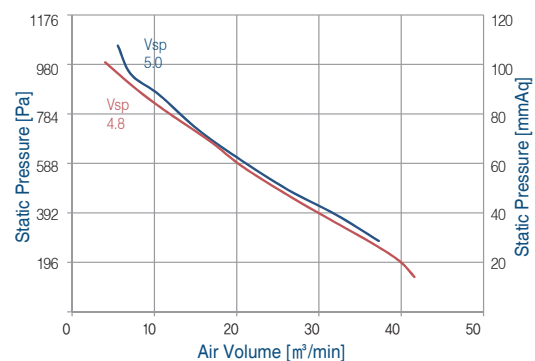
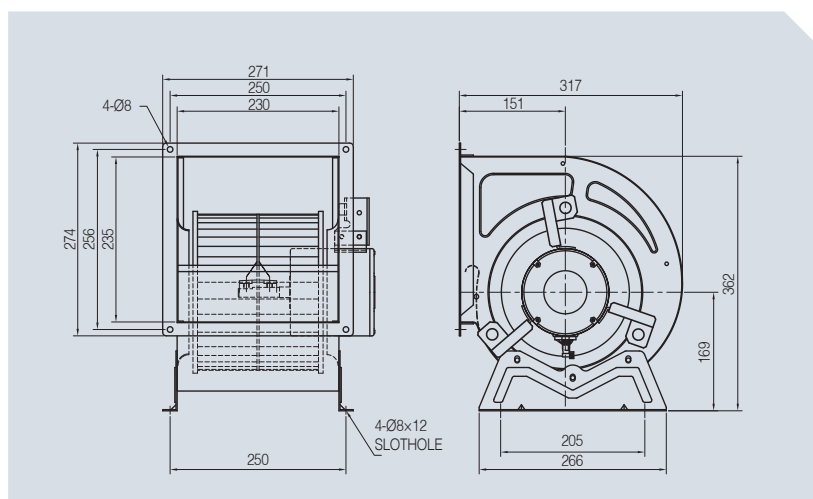
- Power consumption saved up to 38% relative to ECO ultra-low power A/C motor consumption
- With the adoption of disply controller, free control from 300 rpm up to the maximum number of rotations possible
- Built-in self-diagnostic function installed to see the product operation status
- Relative to other models with the same specification, 5dB noise level lowered by applying special vibration isolation structure
- Simultaneous control of 64 channels enabled and individual selection control function (RS-485 communication) embedded



Product data

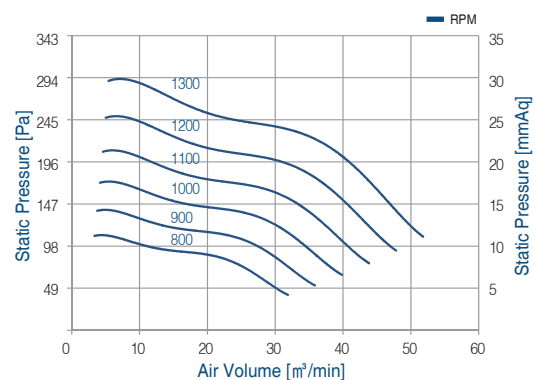
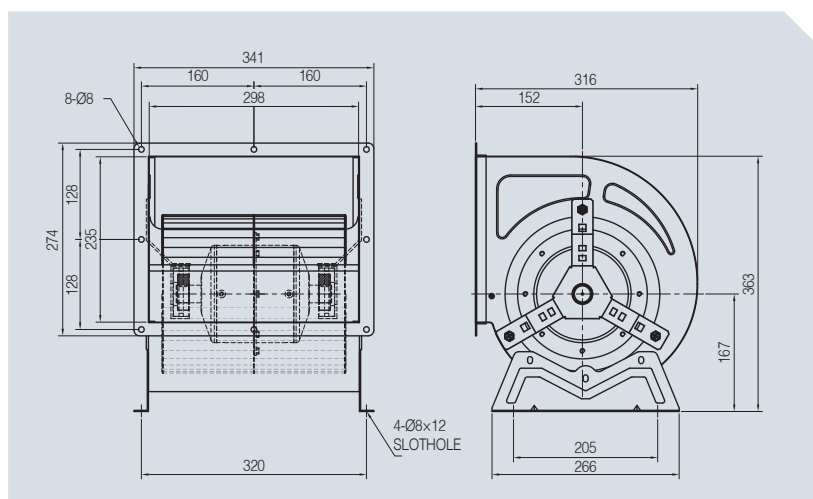
MODEL	Motor Power		Static Pressure		Air Volume	Page
	kw	HP	Pa	mmAq	m³/min	
ECA-980BL	0.45	1/2	1117	114	44	17p
ECA-910BL	0.4	1/2	294	30	46	18p
ECA-110BL	0.45	1/2	421	43	54	19p
ECA-111BL	1.1	1.5	421	43	77	20p
ECA-122BL	1.5	2	402	41	97	21p
ECA-133BL	2.5	3.3	588	60	125	22p
ECA-1512BL	3.0	4	902	92	132	23p

• ECA-980BL



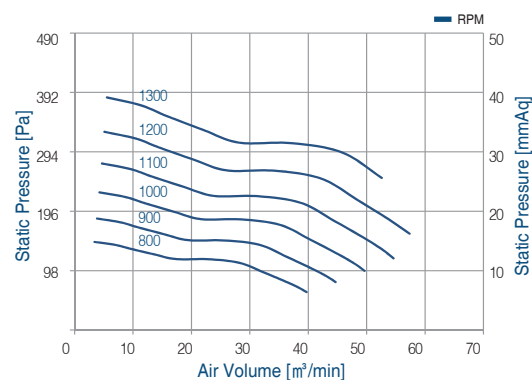
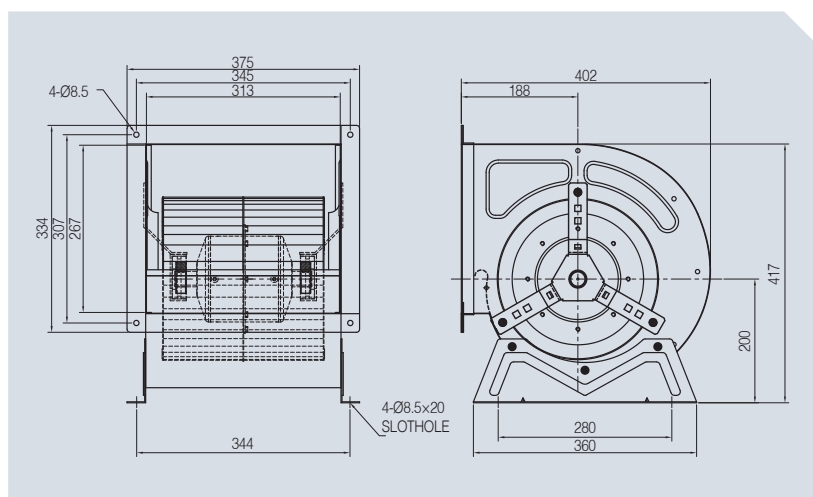
Vsp(VDC)			Static Pressure							
Vsp			196	20	294	30	392	40	490	50
			Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq
4.8	Air Volume	m³/min	39.5		35.5		29.5		24.5	
		ft³/min	1394		1253		1041		865	
	Input Power	W	490		470		450		440	
5.0	Air Volume	m³/min			36		31.5		25.5	
		ft³/min			1271		1112		900	
	Input Power	W			500		490		470	

• ECA-910BL



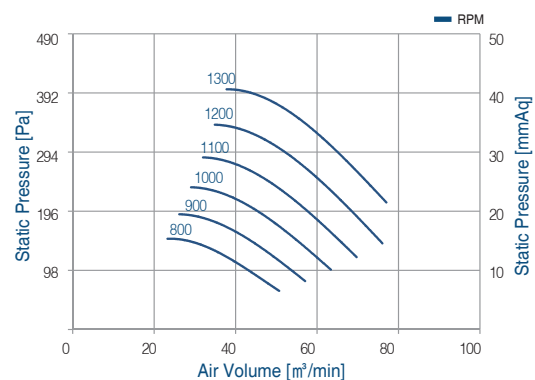
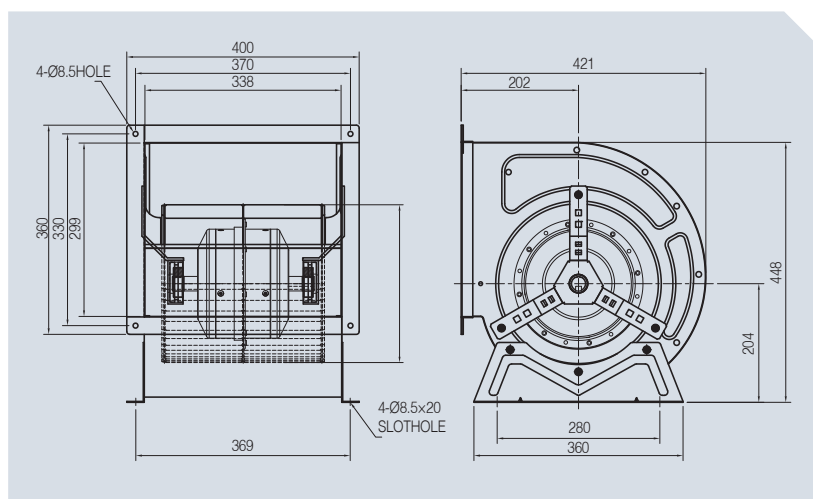
Rotative speed		Static Pressure							
RPM		98	10	147	15	196	20	245	25
		Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq
900	Air Volume m³/min	27.5							
	ft³/min	971							
	Input Power W	150							
1000	Air Volume m³/min	34							
	ft³/min	1200							
	Input Power W	240							
1100	Air Volume m³/min	42							
	ft³/min	1483							
	Input Power W	380							
1200	Air Volume m³/min	47							
	ft³/min	1659							
	Input Power W	510							
1300	Air Volume m³/min	48							
	ft³/min	1677							
	Input Power W	510							

• ECA-110BL



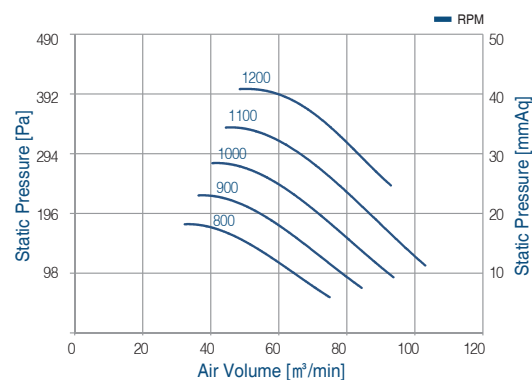
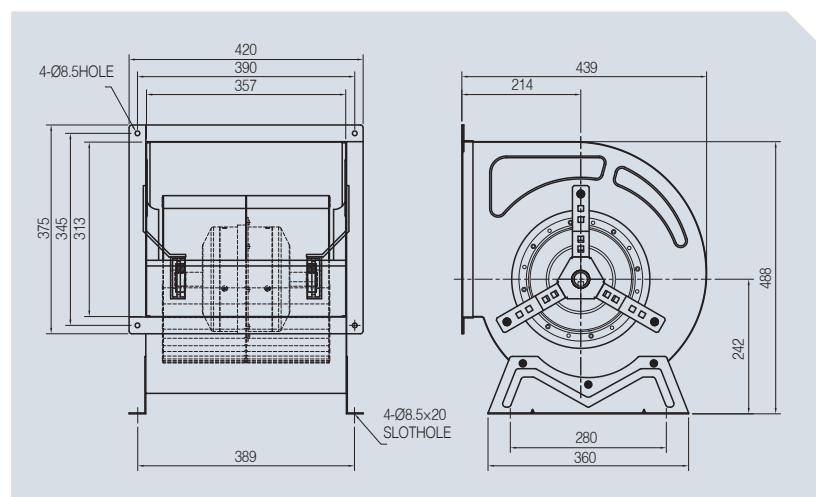
Rotative speed			Static Pressure					
RPM			98	10	196	20	294	30
			Pa	mmAq	Pa	mmAq	Pa	mmAq
800	Air Volume	m³/min	32					
		ft³/min	1130					
	Input Power	W	170					
900	Air Volume	m³/min	42					
		ft³/min	1483					
	Input Power	W	310					
1000	Air Volume	m³/min	49		17			
		ft³/min	1730		582			
	Input Power	W	450		150			
1100	Air Volume	m³/min	42					
		ft³/min	1483					
	Input Power	W	380					
1200	Air Volume	m³/min	52				17	
		ft³/min	1836				600	
	Input Power	W	650				240	
1300	Air Volume	m³/min	46					
		ft³/min	1624					
	Input Power	W	600					

• ECA-111BL



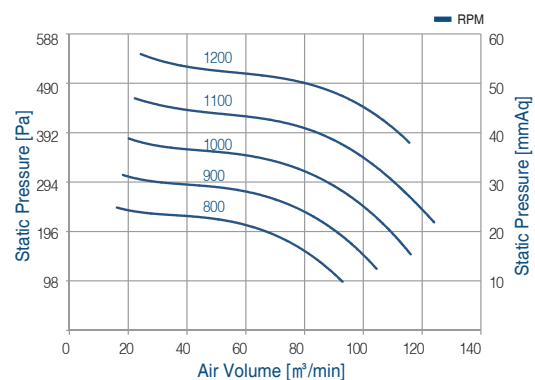
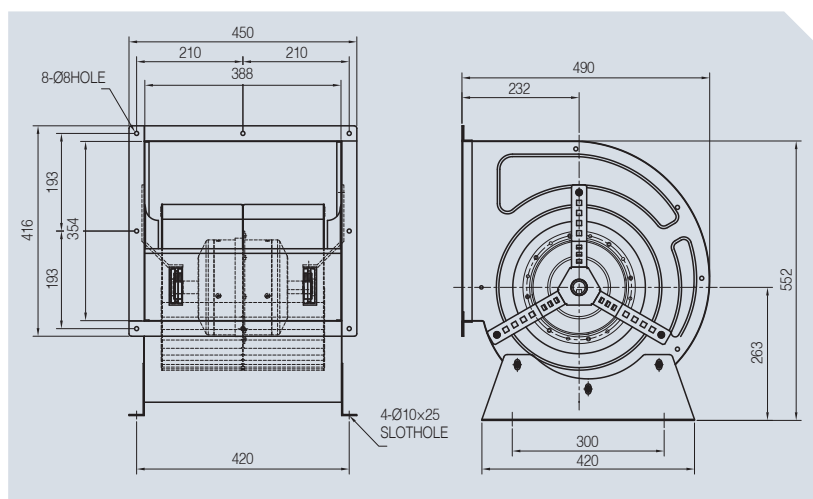
Rotative speed			Static Pressure							
RPM			98	10	196	20	294	30	392	40
			Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq
800	Air Volume	m³/min	33							
		ft³/min	1165							
	Input Power	W	170							
900	Air Volume	m³/min	52							
		ft³/min	1836							
	Input Power	W	400							
1000	Air Volume	m³/min	63		45					
		ft³/min	2224		1589					
	Input Power	W	590		360					
1100	Air Volume	m³/min			58					
		ft³/min			2047					
	Input Power	W			630					
1200	Air Volume	m³/min			68		52			
		ft³/min			2400		1836			
	Input Power	W			880		600			
1300	Air Volume	m³/min					64		43	
		ft³/min					2259		1518	
	Input Power	W					930		570	

• ECA-122BL



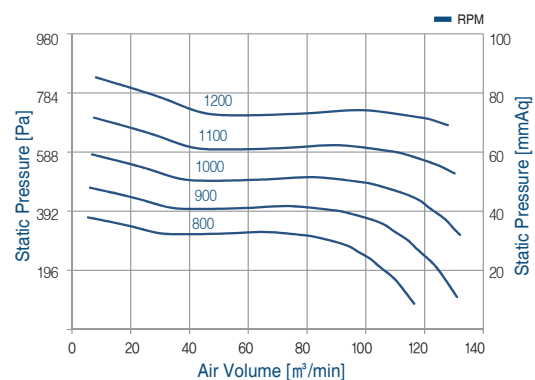
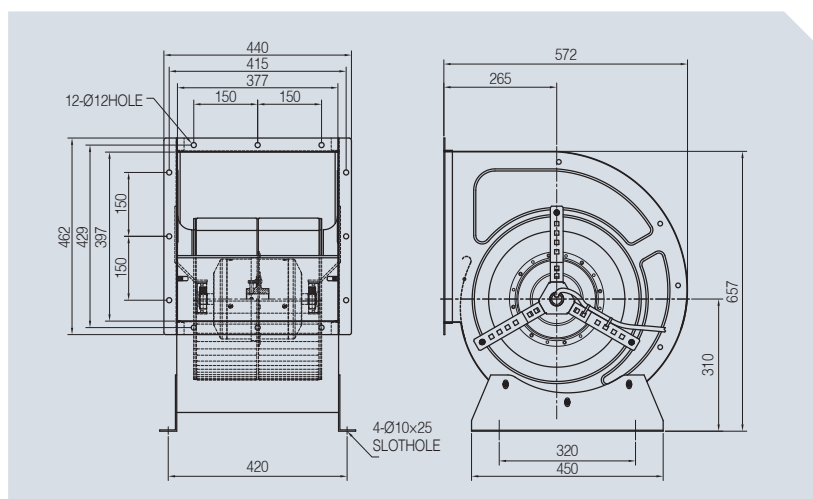
Rotative speed		Static Pressure									
RPM		98	10	196	20	294	30	392	40	490	50
		Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq
800	Air Volume	m³/min	64								
		ft³/min	2259								
	Input Power	W	470								
900	Air Volume	m³/min	79	54							
		ft³/min	2789	1906							
	Input Power	W	780	440							
1000	Air Volume	m³/min	93	72							
		ft³/min	3283	2542							
	Input Power	W	1150	770							
1100	Air Volume	m³/min		87	66						
		ft³/min		3071	2330						
	Input Power	W		1170	820						
1200	Air Volume	m³/min			83	58					
		ft³/min			2930	2047					
	Input Power	W			1250	790					

• ECA-133BL



Rotative speed		Static Pressure									
RPM		98	10	196	20	294	30	392	40	490	50
		Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq
800	Air Volume	m³/min		93		66					
		ft³/min		3283		2330					
	Input Power	W		1110		560					
900	Air Volume	m³/min				91		32			
		ft³/min				3212		1130			
	Input Power	W				1130		330			
1000	Air Volume	m³/min				109		87			
		ft³/min				3848		3071			
	Input Power	W				1860		1190			
1100	Air Volume	m³/min				126		111		84	
		ft³/min				4448		3918		2965	
	Input Power	W				2730		2060		1300	
1200	Air Volume	m³/min						129		112	
		ft³/min						4554		3954	
	Input Power	W						3100		2300	
										835	
										29476	
										1470	

• ECA-1512BL



Rotative speed		Static Pressure															
RPM		98	10	196	20	294	30	392	40	490	50	588	60	686	70	784	80
		Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq	Pa	mmAq
800	Air Volume	m³/min		115		106		88									
		ft³/min		4060		3742		3106									
	Input Power	W		2020		1570		1030									
900	Air Volume	m³/min		125		114		91									
		ft³/min		4413		4024		3212									
	Input Power	W		2550		1990		1250									
1000	Air Volume	m³/min						123		96							
		ft³/min						4342		3389							
	Input Power	W						2490		1610							
1100	Air Volume	m³/min								119		13					
		ft³/min								4201		459					
	Input Power	W								2550		690					
1200	Air Volume	m³/min										124		25			
		ft³/min										4377		883			
	Input Power	W										3000		950			