

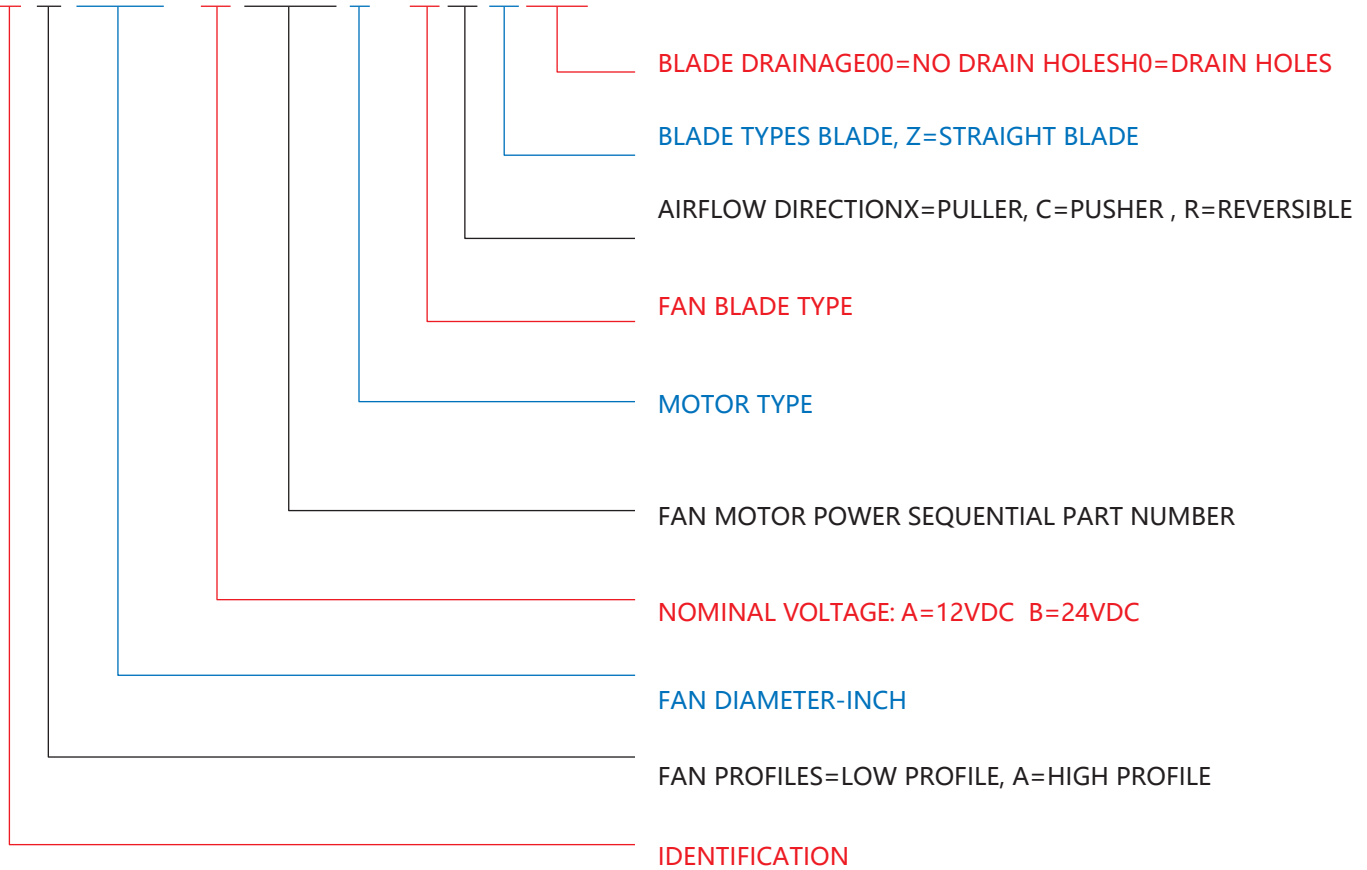
## BRUSHLESS DC AXIAL FAN SUMMARY

### A KEY PAGES FOR BRUSHLESS DC AXIAL FANS

FAN IDENTIFICATION DESCRIBES: FAN DIAMETER MOTOR TYPE BLADE / WHEEL TYPE

SAMPLE NUMBER : NS065-A39B0-SXS00



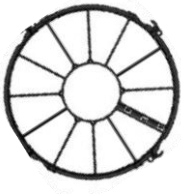
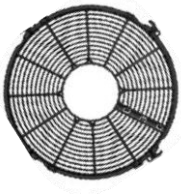
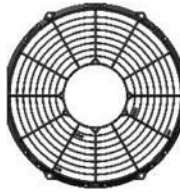
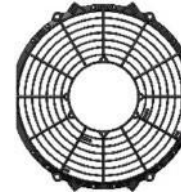
**NS065-A39B0-SXS00**










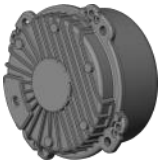



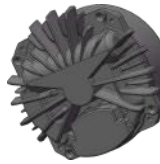
### B. AXIAL FAN OPTIONS AND ACCESSORIES

FAN SHROUD: HIGH AND LOW PROFILE OPTIONS
FAN MOUNTING: STANDARD AND MULTI-MOUNTING OPTIONS
S BLADE TYPE: STRAIGHT AND S BLADE OPTIONS
FAN DRAIN HOLE: WITH AND WITHOUT DRAIN HOLES OPTIONS
AIRFLOW DIRECTION: PULLER, PUSHER AND REVERSIBLE BLADE OPTIONS
FAN VOLTAGE OPTIONS: 12V, 24V
AB MOTOR TYPE: STANDARD A, STANDARD B AND UPGRADED VERSION OPTIONS
SHROUD AND FAN BLADE PLASTIC MATERIAL OPTIONS: PA, PP
CONNECTORS OPTIONS

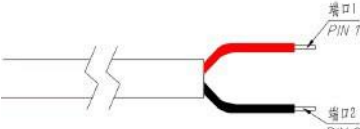
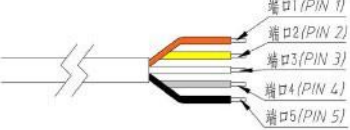
C. AXIAL FAN OPTIONS AND ACCESSORIES

PROFILE OPTIONS		SHROUD OPTIONS		FAN MOUNTING OPTIONS	
					
LOW PROFILE	HIGH PROFILE	STANDARD SHROUD	SHROUD WITH FENCE	STANDARD MOUNTING	MULTI MOUNTING

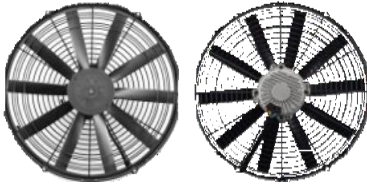
FAN DRAIN HOLE OPTIONS		FAN BLADE OPTIONS		FAN BLADE OPTIONS	
					
WITH DRAIN HOLES	WITHOUT DRAIN HOLES	STRAIGHT BLADE	S BLADE	REVERSIBLE S BLADE	REVERSIBLE-STRAIGHT BLADE

MOTOR OPTIONS		MOTOR OPTIONS		MOTOR OPTIONS	
					
A STANDARD A		B STANDARD B		UPGRADED VERSION	

SHROUD OPTIONS		FAN BLADE OPTIONS		CONNECTOR OPTIONS	
					
STANDARD SHROUD	SHROUD WITH FENCE	S BLADE A	S BLADE B	728-8497-90	AMP 281943-3

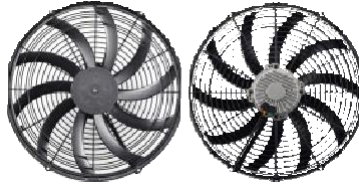
WIRING INSTRUCTIONS	WIRING INSTRUCTIONS
 <p>端口1 (PIN 1) 红色 (D+) (RED POWER D+)                      端口2 (PIN 2) 黑色 (D-) (BLACK POWER D-)</p> <p>REPLACEMENT FOR BRUSH FANS</p>	 <p>端口1 (PIN 1) 红色 (D+) 电源正极 (RED POWER D+)                      端口2 (PIN 2) 黄色 (A) 模拟输入 (ANALOG INPUT A)                      端口3 (PIN 3) 白色 (PWM) 数字输入 (DIGITAL INPUT PWM)                      端口4 (PIN 4) 黑色 (FO) 诊断输出 (FEEDBACK FO)                      端口5 (PIN 5) 黑色 (D-) 电源负极 (BLACK POWER D-)</p>

. Brushless Sealed Low Profile Axial Fans, IP68, IP6K9K



16" (385mm) STRAIGHT BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS160-A39B0-SXZ00	12V	Puller	280W	2618	1544
NS160-B39B0-SXZ00	24V	Puller		2670	1575
NS160-A39B0-SCZ00	12V	Pusher		3263	1925
NS160-B39B0-SCZ00	24V	Pusher		3330	1965

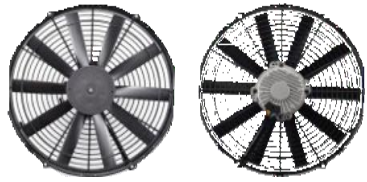
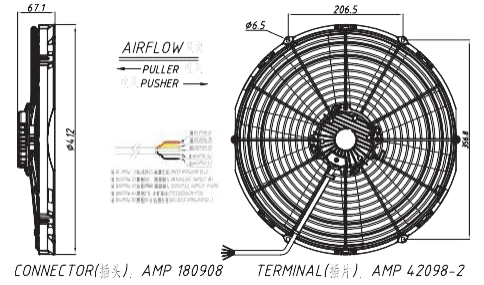


16" (385mm) S-BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS160-A39B0-SXS00	12V	Puller	280W	3118	1840
NS160-B39B0-SXS00	24V	Puller		3595	1840
NS160-A39B0-SCS00	12V	Pusher		3576	2110
NS160-B39B0-SCS00	24V	Pusher		3231	1906

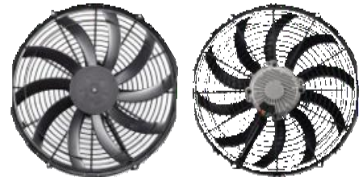
Voltage: 13VDC / 26VDC

Static Pressure: 0 mmH<sub>2</sub>O



14" (350mm) STRAIGHT BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS140-A39B0-SXZ00	12V	Puller	280W	2495	1472
NS140-B39B0-SXZ00	24V	Puller		2543	1500
NS140-A39B0-SCZ00	12V	Pusher		2918	1721
NS140-B39B0-SCZ00	24V	Pusher		2978	1757

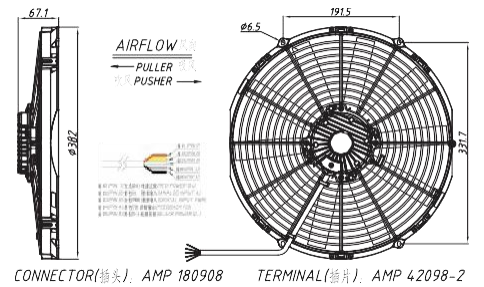


14" (350mm) S-BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS140-A39B0-SXS00	12V	Puller	280W	3008	1774
NS140-B39B0-SXS00	24V	Puller		3069	1811
NS140-A39B0-SCS00	12V	Pusher		3053	1801
NS140-B39B0-SCS00	24V	Pusher		3116	1838

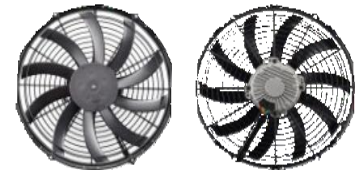
Voltage: 13VDC / 26VDC

Static Pressure: 0 mmH<sub>2</sub>O



13" (330mm) STRAIGHT BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS130-A39B0-SXZ00	12V	Puller	280W	2243	1323
NS130-B39B0-SXZ00	24V	Puller		2312	1364
NS130-A39B0-SCZ00	12V	Pusher		2616	1543
NS130-B39B0-SCZ00	24V	Pusher		2670	1575

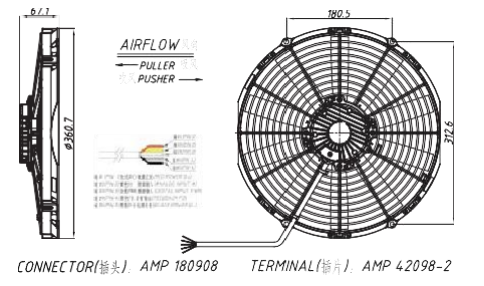


13" (330mm) S-BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS130-A39B0-SXS00	12V	Puller	280W	2711	1599
NS130-B39B0-SXS00	24V	Puller		2763	1630
NS130-A39B0-SCS00	12V	Pusher		1659	979
NS130-B39B0-SCS00	24V	Pusher		2871	1694

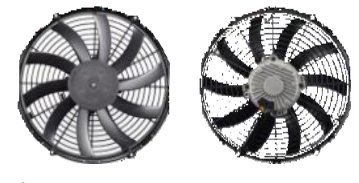
Voltage: 13VDC / 26VDC

Static Pressure: 0 mmH<sub>2</sub>O



12" (305mm) STRAIGHT BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS120-A39B0-SXZ00	12V	Puller	280W	2391	1411
NS120-B39B0-SXZ00	24V	Puller		2439	1439
NS120-A39B0-SCZ00	12V	Pusher		2325	1372
NS120-B39B0-SCZ00	24V	Pusher		2373	1400

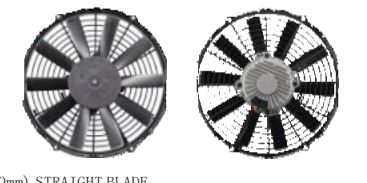
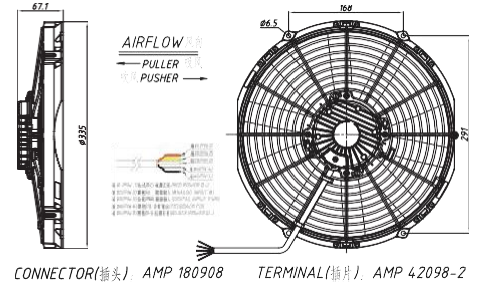


12" (305mm) S-BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS120-A39B0-SXS00	12V	Puller	280W	2210	1304
NS120-B39B0-SXS00	24V	Puller		2255	1330
NS120-A39B0-SCS00	12V	Pusher		2307	1361
NS120-B39B0-SCS00	24V	Pusher		2355	1389

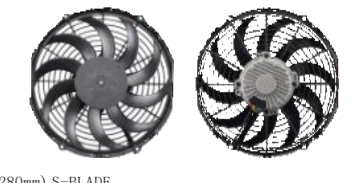
Voltage: 13VDC / 26VDC

Static Pressure: 0 mmH<sub>2</sub>O



11" (280mm) STRAIGHT BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS110-A39B0-SXZ00	12V	Puller	280W	1881	1110
NS110-B39B0-SXZ00	24V	Puller		1941	1145
NS110-A39B0-SCZ00	12V	Pusher		2033	1199
NS110-B39B0-SCZ00	24V	Pusher		2075	1224

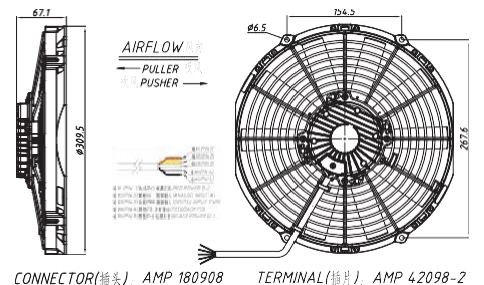


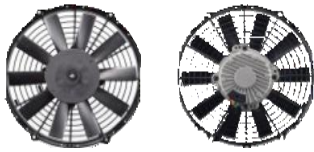
11" (280mm) S-BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS110-A39B0-SXS00	12V	Puller	280W	1992	1175
NS110-B39B0-SXS00	24V	Puller		2054	1212
NS110-A39B0-SCS00	12V	Pusher		2304	1359
NS110-B39B0-SCS00	24V	Pusher		2352	1388

Voltage: 13VDC / 26VDC

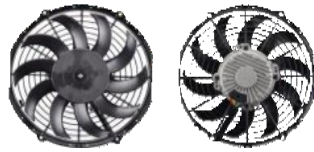
Static Pressure: 0 mmH<sub>2</sub>O





10" (255mm) STRAIGHT BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS100-A39B0-SXZ00	12V	Puller	280W	1718	1013
NS100-B39B0-SXZ00	24V	Puller		1817	1072
NS100-A39B0-SCZ00	12V	Pusher		1668	984
NS100-B39B0-SCZ00	24V	Pusher		1700	1003

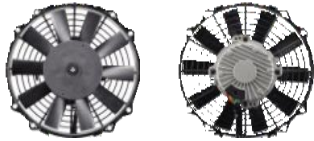
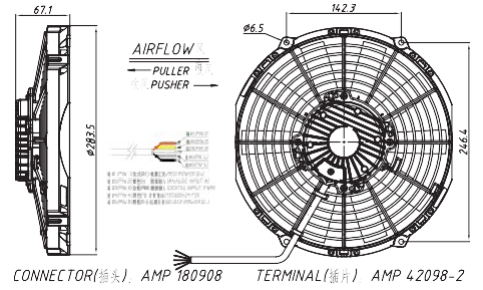


10" (255mm) S-BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS100-A39B0-SXS00	12V	Puller	280W	2048	1208
NS100-B39B0-SXS00	24V	Puller		2153	1270
NS100-A39B0-SCS00	12V	Pusher		1901	1121
NS100-B39B0-SCS00	24V	Pusher		1941	1145

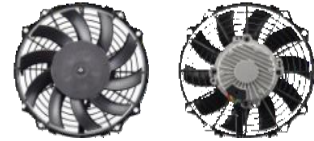
Voltage: 13VDC / 26VDC

Static Pressure: 0 mmH<sub>2</sub>O



9" (225mm) STRAIGHT BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
ND090-A39B0-SXZ00	12V	Puller	280W	1329	784
ND090-B39B0-SXZ00	24V	Puller		1398	825
ND090-A39B0-SCZ00	12V	Pusher		1272	750
ND090-B39B0-SCZ00	24V	Pusher		1284	758

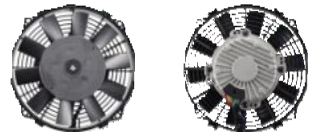
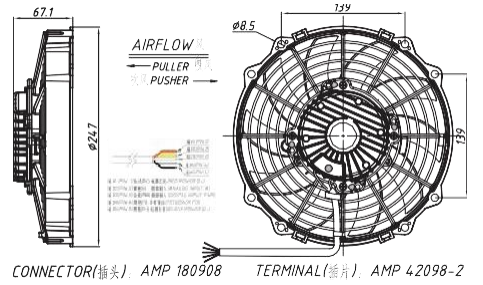


9" (225mm) S-BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
ND090-A39B0-SXS00	12V	Puller	280W	1491	880
ND090-B39B0-SXS00	24V	Puller		1571	927
ND090-A39B0-SCS00	12V	Pusher		1328	783
ND090-B39B0-SCS00	24V	Pusher		1370	808

Voltage: 13VDC / 26VDC

Static Pressure: 0 mmH<sub>2</sub>O



7.5" (190mm) STRAIGHT BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS075-A39B0-SXZ00	12V	Puller	280W	1079	636
NS075-B39B0-SXZ00	24V	Puller		1047	618
NS075-A39B0-SCZ00	12V	Pusher		998	589
NS075-B39B0-SCZ00	24V	Pusher		968	571

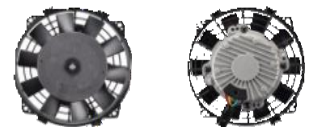
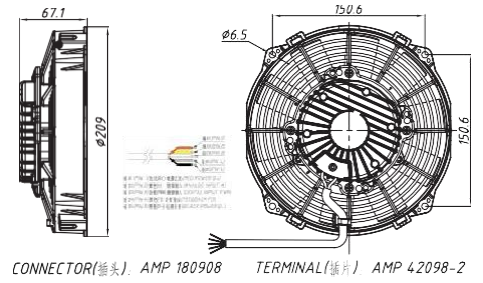


7.5" (190mm) S-BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS075-A39B0-SXS00	12V	Puller	280W	1022	603
NS075-B39B0-SXS00	24V	Puller		981	579
NS075-A39B0-SCS00	12V	Pusher		1017	600
NS075-B39B0-SCS00	24V	Pusher		975	575

Voltage: 13VDC / 26VDC

Static Pressure: 0 mmH<sub>2</sub>O



6.5" (167mm) STRAIGHT BLADE

Item NO.	Volts	Type	Watts	Airflow	
				m/h	CFM
NS065-A39B0-SXZ00	12V	Puller	280W	649	383
NS065-B39B0-SXZ00	24V	Puller		745	440
NS065-A39B0-SCZ00	12V	Pusher		718	424
NS065-B39B0-SCZ00	24V	Pusher		703	415

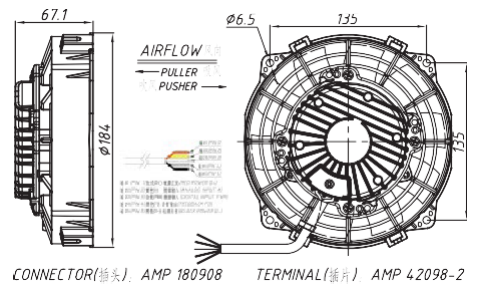


6.5" (167mm) S-BLADE

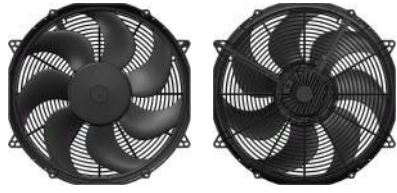
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				m/h	CFM
NS065-A39B0-SXS00	12V	Puller	280W	578	341
NS065-B39B0-SXS00	24V	Puller		584	344
NS065-A39B0-SCS00	12V	Pusher		701	413
NS065-B39B0-SCS00	24V	Pusher		677	399

Voltage: 13VDC / 26VDC

Static Pressure: 0 mmH<sub>2</sub>O



. Brushless DC Sealed High Profile Axial Fans, IP68, IP6K9K



16" (385mm) S-BLADE

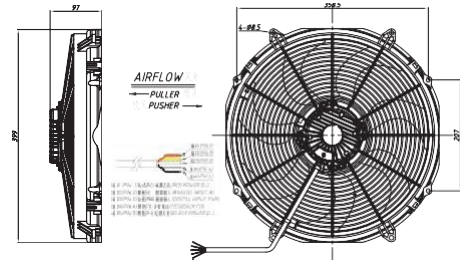
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA16B-A49B0-AXS00	12V	Puller	400W	112mm	3310	1953
NA16B-B49B0-AXS00	24V	Puller			3377	1992



16" (385mm) S-BLADE

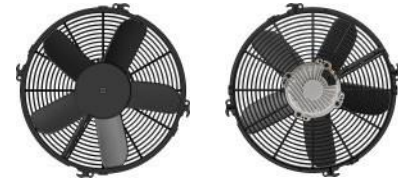
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA16B-A49B0-AXS00	12V	Puller	400W	112mm	3310	1953
NA16B-B49B0-AXS00	24V	Puller			3377	1992

Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O



12" (305mm) STRAIGHT BLADE

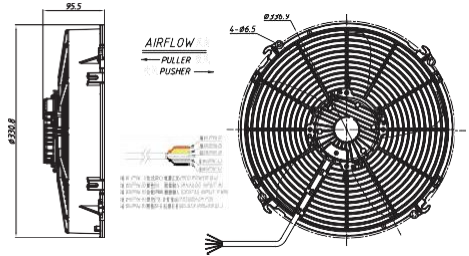
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12A-A39B0-AZX00	12V	Puller	280W	95mm	2663	1674
NA12A-B39B0-AZX00	24V	Puller			2717	1708
NA12A-A39B0-ACZ00	12V	Pusher	280W	95mm	2757	1733
NA12A-B39B0-ACZ00	24V	Pusher			2813	1769



12" (305mm) STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12B-A39B0-AZX00	12V	Puller	280W	95mm	2563	1611
NA12B-B39B0-AZX00	24V	Puller			2617	1645
NA12B-A39B0-ACZ00	12V	Pusher	280W	95mm	2657	1671
NA12B-B39B0-ACZ00	24V	Pusher			2713	1706

Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O



12" (305mm) S-BLADE

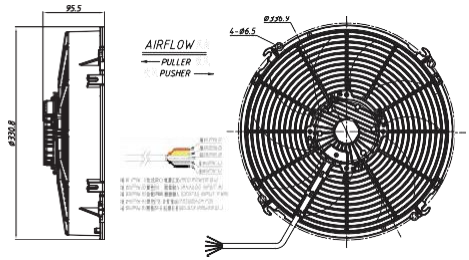
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12A-A39B0-ACS00	12V	Pusher	280W	95mm	2307	1450
NA12A-B39B0-ACS00	24V	Pusher			2354	1480



12" (305mm) S-BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12B-A39B0-ACS00	12V	Pusher	280W	95mm	2207	1388
NA12B-B39B0-ACS00	24V	Pusher			2254	1417

Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O



12" (305mm) S-BLADE

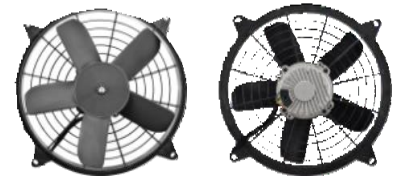
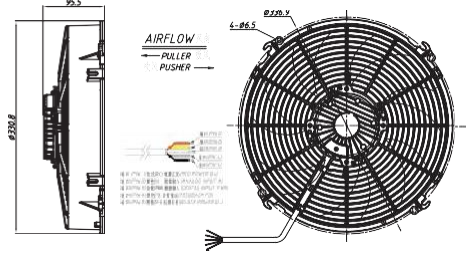
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12A-A39B0-AXS00	12V	Puller	280W	95mm	2266	1425
NA12A-B39B0-AXS00	24V	Puller			2312	1454



12" (305mm) S-BLADE

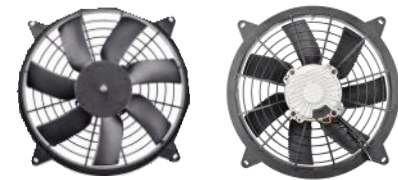
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12B-A700-AXS00	12V	Puller	280W	95mm	2166	1362
NA12B-B700-AXS00	24V	Puller			2212	1391

Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O



12" (305mm) STRAIGHT BLADE

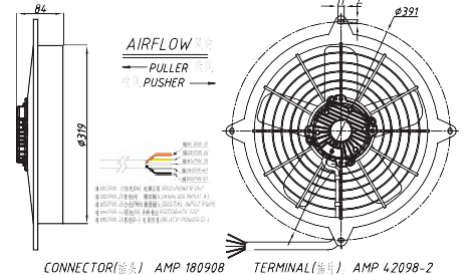
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12D-A39B0-AZX00	12V	Puller	280W	95mm	2663	1571
NA12D-B39B0-AZX00	24V	Puller			2717	1603
NA12D-A39B0-ACZ00	12V	Pusher	280W	95mm	2757	1627
NA12D-B39B0-ACZ00	24V	Pusher			2813	1660



12" (305mm) S-BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12D-A39B0-AXS00	12V	Puller	280W	95mm	2247	1326
NA12D-B39B0-AXS00	24V	Puller			2293	1353
NA12D-A39B0-ACS00	12V	Pusher	280W	95mm	2416	1425
NA12D-B39B0-ACS00	24V	Pusher			2465	1454

Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O



CONNECTOR(插头) AMP 180908 TERMINAL(端子) AMP 42098-2



12" (305mm) A A STANDARD STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12E-A5060-BXS00	12V	Puller	500W	95mm	3600	2264
NA12E-B5060-BXS00	24V	Puller			3600	2264



12" (305mm) B B STANDARD STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12E-A5061-BXS00	12V	Puller	500W	95mm	3600	2264
NA12E-B5061-BXS00	24V	Puller			3600	2264



12" (305mm) IMPROVE STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12E-A5061-BXS00	12V	Puller	500W	95mm	3600	2264
NA12E-B5061-BXS00	24V	Puller			3600	2264



12" (305mm) A A STANDARD STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12F-A3430-BXS00	12V	Puller	400W	95mm	3000	1886
NA12F-B3430-BXS00	24V	Puller			3000	1886



12" (305mm) B B STANDARD STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12F-A3431-BXS00	12V	Puller	400W	95mm	3000	1886
NA12F-B3431-BXS00	24V	Puller			3000	1886



12" (305mm) IMPROVE STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12F-A3431-BXS00	12V	Puller	400W	95mm	3000	1886
NA12F-B3431-BXS00	24V	Puller			3000	1886



12" (305mm) A A STANDARD STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12G-A3780-BXS00	12V	Puller	400W	95mm	3000	1886
NA12G-B3780-BXS00	24V	Puller			3000	1886



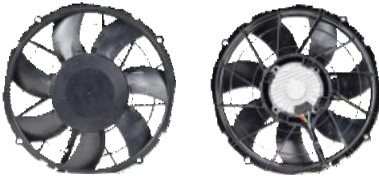
12" (305mm) B B STANDARD STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12G-A3781-BXS00	12V	Puller	400W	95mm	3000	1886
NA12G-B3781-BXS00	24V	Puller			3000	1886



12" (305mm) IMPROVE STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12G-A3781-BXS00	12V	Puller	400W	95mm	3000	1886
NA12G-B3781-BXS00	24V	Puller			3000	1886



12" (305mm) STANDARDS-S-BLADE

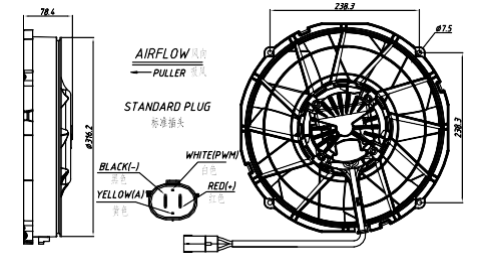
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12F-A3430-BXS00	12V	Puller	400W	95mm	3000	1886
NA12F-B3430-BXS00	24V	Puller			3000	1886



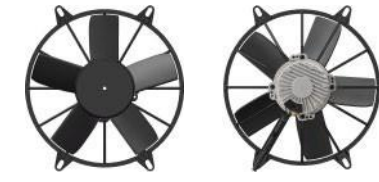
12" (305mm) IMPROVE S-BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA12F-A3431-BXS00	12V	Puller	400W	95mm	3000	1886
NA12F-B3431-BXS00	24V	Puller			3000	1886

Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O

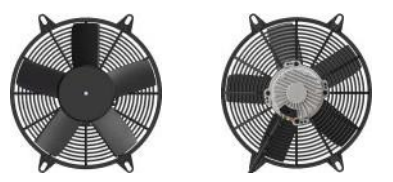


CONNECTOR: (插頭): YAZAKI:7282-84 97-90 TERMINAL: (插片): 17114-3250/7114-4102-2



11" (280mm) STRAIGHT BLADE

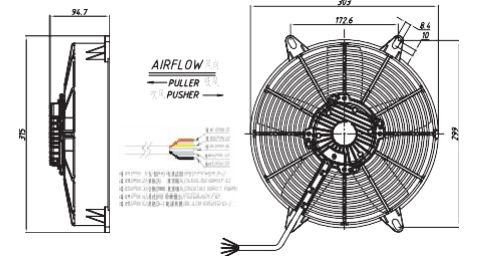
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA11A-A3960-AZX00	12V	Puller	280W	95mm	2461	1452
NA11A-B3960-AZX00	24V	Puller			2511	1481
NA11A-A3960-ACZ00	12V	Pusher			2346	1384
NA11A-B3960-ACZ00	24V	Pusher			2393	1412



11" (280mm) STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA11B-A3960-AZX00	12V	Puller	280W	95mm	2361	1397
NA11B-B3960-AZX00	24V	Puller			2411	1426
NA11B-A3960-ACZ00	12V	Pusher			2246	1328
NA11B-B3960-ACZ00	24V	Pusher			2293	1356

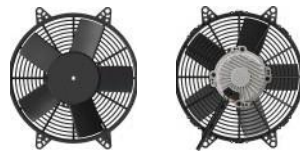
Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O





10" (255mm) STRAIGHT BLADE

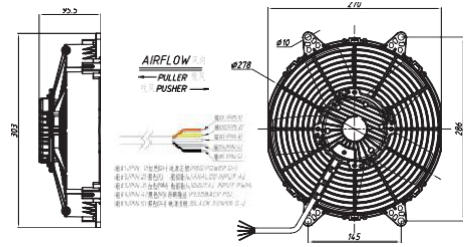
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA10A-A39B0-AXZ00	12V	Puller	280W	95mm	1700	1069
NA10A-B39B0-AXZ00	24V	Puller			1700	1069
NA10A-A39B0-ACZ00	12V	Pusher			1600	1006
NA10A-B39B0-ACZ00	24V	Pusher			1600	1006



10" (255mm) STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA10B-A39B0-AXZ00	12V	Puller	280W	95mm	1600	1006
NA10B-B39B0-AXZ00	24V	Puller			1600	1006
NA10B-A39B0-ACZ00	12V	Pusher			1500	943
NA10B-B39B0-ACZ00	24V	Pusher			1500	943

Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O



10" (255mm) STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA10C-A3350-BXS00	12V	Puller	280W	95mm	2250	1331
NA10C-B3350-BXS00	24V	Puller			2250	1331



10" (255mm) STRAIGHT BLADE

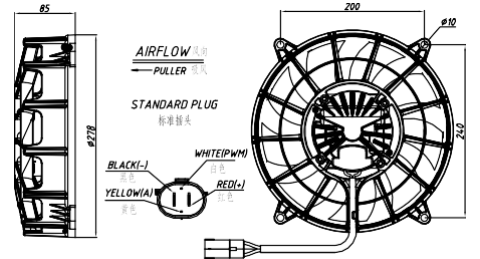
Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA10C-A3351-BXS00	12V	Puller	280W	95mm	2250	1331
NA10C-B3351-BXS00	24V	Puller			2250	1331



10" (255mm) STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA10C-A3352-BXS00	12V	Puller	280W	95mm	2250	1331
NA10C-B3352-BXS00	24V	Puller			2250	1331

Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O



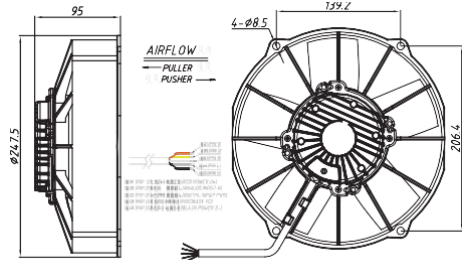
CONNECTOR (插头): YAZAKI:7282-8497-90 TERMINAL (端子): 17114-3250/7114-4102-2



9" (225mm) STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
NA09A-A39B0-AXZ00	12V	Puller	280W	95mm	1353	798
NA09A-B39B0-AXZ00	24V	Puller			1380	814
NA09A-A39B0-ACZ00	12V	Pusher			1300	767
NA09A-B39B0-ACZ00	24V	Pusher			1326	782

Voltage: 13VDC / 26VDC  
Static Pressure: 0 mmH<sub>2</sub>O



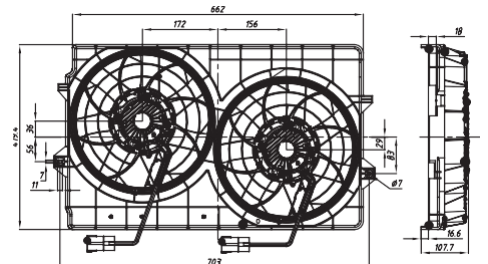
CONNECTOR (插头): AMP 180908 TERMINAL (端子): AMP 42098-2

## . Radiator / Battery Cooling Fans Driver



12" x 2 (305mm x 2) STRAIGHT BLADE

Item No.	Volts	Type	Watts	Height	Airflow	
					m/h	CFM
2FA305-B100	12V	Puller	500W	107.7mm	5600	3304

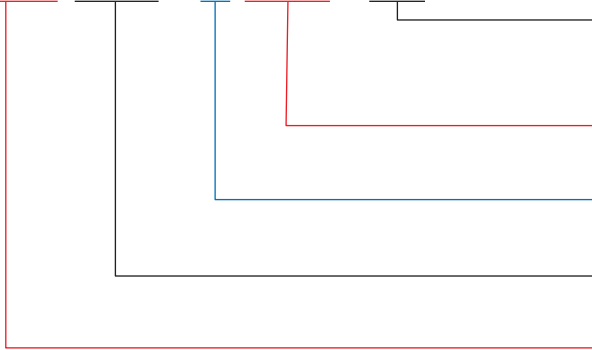


# BRUSHLESS DC BLOWER SUMMARY

## A KEY PAGES FOR BRUSHLESS DC BLOWERS

BLOWER IDENTIFICATION DESCRIBES: HOUSING MODEL MOTOR TYPE POWER ITEM NUMBER  
 SAMPLE NUMBER : BBD350-A100-39

**B B D 3 5 0 - A 1 0 0 - 3 9**



MOTOR POWER SEQUENTIAL PART NUMBER IF NO, STAND FOR STANDARD ITEM NUMBER

MOTOR TYPE



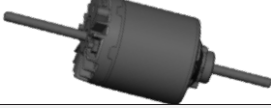
BLOWER VOLTAGE: A=12V B=24V

HOUSING SIZE / WHEEL SIZE



BLDC HOUSING MODEL BBS= SINGLE BBD= DUAL

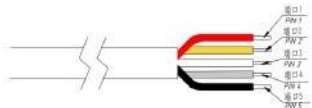
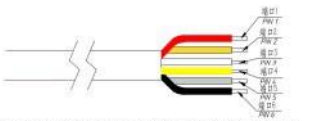
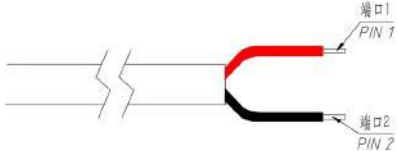
## B. BLOWER OPTIONS AND ACCESSORIES

PWM0-10V CONTROL METHODS : PWM & ANALOG 0-10V & OTHER OPTIONS  
 BLOWER VOLTAGE OPTIONS : 12V, 24V

MOTOR OPTIONS	MOTOR OPTIONS	MOTOR OPTIONS
		
100 100 SEALED BLDC MOTORS	75 75 SEALED BLDC MOTORS	75 75 BLDC MOTORS

## CONNECTOR OPTIONS

					
728-8497-90	AMP 281943-3				

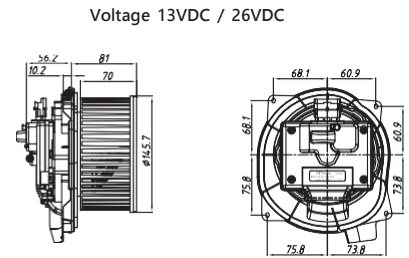
WIRING INSTRUCTIONS	WIRING INSTRUCTIONS	WIRING INSTRUCTIONS
 <p>                     端口1 (PIN 1) 红色 100% (D+) (RED POWER 100% D+)                      端口2 (PIN 2) 黄色 (A) (ANALOG INPUT A)                      端口3 (PIN 3) 白色 (PWM) (DIGITAL INPUT PWM)                      端口4 (PIN 4) 黄色 (FO) (FEED BACK FO)                      端口5 (PIN 5) 黑色 (D-) (BLACK POWER D-)                 </p>	 <p>                     端口1 (PIN 1) 红色 100% (D+) (RED POWER 100% D+)                      端口2 (PIN 2) 黄色 80% (D+) (YELLOW POWER 80% D+)                      端口3 (PIN 3) 白色 60% (D+) (YELLOW POWER 60% D+)                      端口4 (PIN 4) 黄色 40% (D+) (YELLOW POWER 40% D+)                      端口5 (PIN 5) 黑色 (FO) (FEEDBACK FO)                      端口6 (PIN 6) 黑色 (D-) (BLACK POWER D-)                 </p>	 <p>                     端口1 (PIN 1) 红色 (D+) (RED POWER D+)                      端口2 (PIN 1) 黑色 (D-) (BLACK POWER D-)                 </p>



**. BLDC Voluteless Single Scroll Centrifugal Blowers**



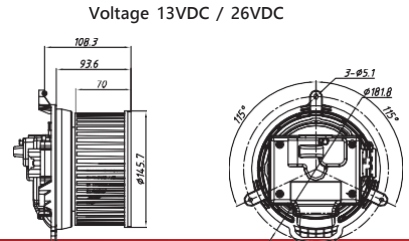
Item NO.	Volts	Watts	Speeds	RPM
BBS145-A80	12V	280W	Single	2800
BBS145-B80	24V			
OE#: P3056001/A27289-110/P2 773-70804				



Voltage 13VDC / 26VDC



Item NO.	Volts	Watts	Speeds	RPM
BBS145-A80A	12V	280W	Single	2800
BBS145-B80A	24V			
OE#: 1000766697/DRF-84A34-X1300083				
BBS145-A80B	12V	280W	Single	2800
BBS145-B80B	24V			
OE#: DRF-84A34-003				

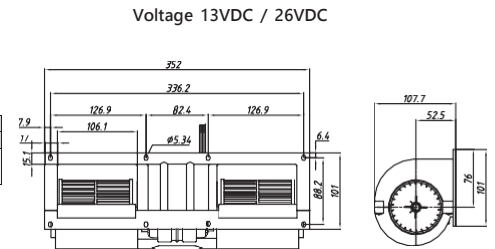


Voltage 13VDC / 26VDC

**. BD1 BD1 BLDC Dual Scroll Centrifugal Blowers**



Item NO.	Volts	Watts	Speeds	@OmniH <sub>2</sub> O	
				m/h	CFM
BBD350-A75	12V	300W	single	650	408
BBD350-B75	24V				

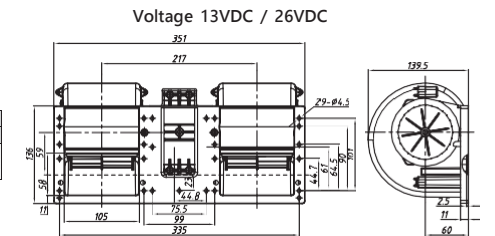


Voltage 13VDC / 26VDC

**--- BD5 BD5 BLDC Dual Scroll Centrifugal Blowers**



Item NO.	Volts	Watts	Speeds	@OmniH <sub>2</sub> O	
				m/h	CFM
BBD350-A77	12V	300W	single	1150	753
BBD350-B77	24V				

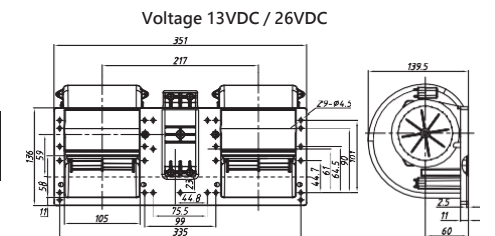


Voltage 13VDC / 26VDC

**--- BD6 BD6 BLDC Dual Scroll Centrifugal Blowers**

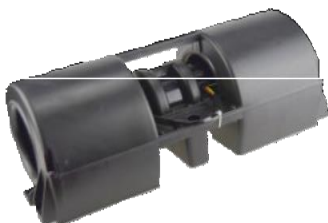


Item NO.	Volts	Watts	Speeds	@OmniH <sub>2</sub> O	
				m/h	CFM
BBD350-A100	12V	500W	single	1150	723
BBD350-B100	24V				

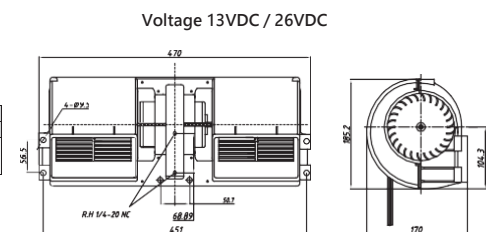


Voltage 13VDC / 26VDC

**--- BD7 BD7 BLDC Dual Scroll Centrifugal Blowers**



Item NO.	Volts	Watts	Speeds	@OmniH <sub>2</sub> O	
				m/h	CFM
BBD480-A77	12V	500W	single	1200	754
BBD480-B77	24V				



Voltage 13VDC / 26VDC

## .BRUSHLESS FAN OE CROSS REFERENCE OE

ITEM	OE TYPEOE	OE CODE OE	VOLTAGE	BLADE SIZE	BLAD	TYPE
NS065-A39B0-SXZ00			12V	6.5" (167mm)	STRAIGHT	PULLER
NS065-B39B0-SXZ00			24V	6.5" (167mm)	STRAIGHT	PULLER
NS065-A39B0-SCZ00			12V	6.5" (167mm)	STRAIGHT	PUSHER
NS065-B39B0-SCZ00			24V	6.5" (167mm)	STRAIGHT	PUSHER
NS065-A39B0-SXS00			12V	6.5" (167mm)	S-BLADE S	PULLER
NS065-B39B0-SXS00			24V	6.5" (167mm)	S-BLADE S	PULLER
NS065-A39B0-SCS00			12V	6.5" (167mm)	S-BLADE S	PUSHER
NS065-B39B0-SCS00			24V	6.5" (167mm)	S-BLADE S	PUSHER
NS075-A39B0-SXZ00			12V	7.5" (190mm)	STRAIGHT	PULLER
NS075-B39B0-SXZ00			24V	7.5" (190mm)	STRAIGHT	PULLER
NS075-A39B0-SCZ00			12V	7.5" (190mm)	STRAIGHT	PUSHER
NS075-B39B0-SCZ00			24V	7.5" (190mm)	STRAIGHT	PUSHER
NS075-A39B0-SXS00			12V	7.5" (190mm)	S-BLADE S	PULLER
NS075-B39B0-SXS00			24V	7.5" (190mm)	S-BLADE S	PULLER
NS075-A39B0-SCS00			12V	7.5" (190mm)	S-BLADE S	PUSHER
NS075-B39B0-SCS00			24V	7.5" (190mm)	S-BLADE S	PUSHER
ND090-A39B0-SXZ00			12V	9" (225mm)	STRAIGHT	PULLER
ND090-B39B0-SXZ00			24V	9" (225mm)	STRAIGHT	PULLER
ND090-A39B0-SCZ00			12V	9" (225mm)	STRAIGHT	PUSHER
ND090-B39B0-SCZ00			24V	9" (225mm)	STRAIGHT	PUSHER
ND090-A39B0-SXS00			12V	9" (225mm)	S-BLADE S	PULLER
ND090-B39B0-SXS00			24V	9" (225mm)	S-BLADE S	PULLER
ND090-A39B0-SCS00			12V	9" (225mm)	S-BLADE S	PUSHER
ND090-B39B0-SCS00			24V	9" (225mm)	S-BLADE S	PUSHER
NS100-A39B0-SXZ00			12V	10" (255mm)	STRAIGHT	PULLER
NS100-B39B0-SXZ00			24V	10" (255mm)	STRAIGHT	PULLER
NS100-A39B0-SCZ00			12V	10" (255mm)	STRAIGHT	PUSHER
NS100-B39B0-SCZ00			24V	10" (255mm)	STRAIGHT	PUSHER
NS100-A39B0-SXS00			12V	10" (255mm)	S-BLADE S	PULLER
NS100-B39B0-SXS00			24V	10" (255mm)	S-BLADE S	PULLER
NS100-A39B0-SCS00			12V	10" (255mm)	S-BLADE S	PUSHER
NS100-B39B0-SCS00			24V	10" (255mm)	S-BLADE S	PUSHER
NS110-A39B0-SXZ00			12V	11" (280mm)	STRAIGHT	PULLER
NS110-B39B0-SXZ00			24V	11" (280mm)	STRAIGHT	PULLER
NS110-A39B0-SCZ00			12V	11" (280mm)	STRAIGHT	PUSHER
NS110-B39B0-SCZ00			24V	11" (280mm)	STRAIGHT	PUSHER
NS110-A39B0-SXS00			12V	11" (280mm)	S-BLADE S	PULLER
NS110-B39B0-SXS00			24V	11" (280mm)	S-BLADE S	PULLER
NS110-A39B0-SCS00			12V	11" (280mm)	S-BLADE S	PUSHER
NS110-B39B0-SCS00			24V	11" (280mm)	S-BLADE S	PUSHER
NS120-A39B0-SXZ00			12V	12" (305mm)	STRAIGHT	PULLER
NS120-B39B0-SXZ00			24V	12" (305mm)	STRAIGHT	PULLER
NS120-A39B0-SCZ00			12V	12" (305mm)	STRAIGHT	PUSHER
NS120-B39B0-SCZ00			24V	12" (305mm)	STRAIGHT	PUSHER
NS120-A39B0-SXS00			12V	12" (305mm)	S-BLADE S	PULLER
NS120-B39B0-SXS00			24V	12" (305mm)	S-BLADE S	PULLER
NS120-A39B0-SCS00			12V	12" (305mm)	S-BLADE S	PUSHER
NS120-B39B0-SCS00			24V	12" (305mm)	S-BLADE S	PUSHER
NS130-A39B0-SXZ00			12V	13" (330mm)	STRAIGHT	PULLER
NS130-B39B0-SXZ00			24V	13" (330mm)	STRAIGHT	PULLER
NS130-A39B0-SCZ00			12V	13" (330mm)	STRAIGHT	PUSHER
NS130-B39B0-SCZ00			24V	13" (330mm)	STRAIGHT	PUSHER
NS130-A39B0-SXS00			12V	13" (330mm)	S-BLADE S	PULLER
NS130-B39B0-SXS00			24V	13" (330mm)	S-BLADE S	PULLER
NS130-A39B0-SCS00			12V	13" (330mm)	S-BLADE S	PUSHER
NS130-B39B0-SCS00			24V	13" (330mm)	S-BLADE S	PUSHER
NS140-A39B0-SXZ00			12V	14" (350mm)	STRAIGHT	PULLER
NS140-B39B0-SXZ00			24V	14" (350mm)	STRAIGHT	PULLER
NS140-A39B0-SCZ00			12V	14" (350mm)	STRAIGHT	PUSHER

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ITEM	OE TYPEOE	OE CODE OE	VOLTAGE	BLADE SIZE	BLAD	TYPE
NS140-B39B0-SCZ00			24V	14" (350mm)	STRAIGHT	PUSHER
NS140-A39B0-SXS00			12V	14" (350mm)	S-BLADE S	PULLER
NS140-B39B0-SXS00			24V	14" (350mm)	S-BLADE S	PULLER
NS140-A39B0-SCS00			12V	14" (350mm)	S-BLADE S	PUSHER
NS140-B39B0-SCS00			24V	14" (350mm)	S-BLADE S	PUSHER
NS160-A39B0-SXZ00			12V	16" (385mm)	STRAIGHT	PULLER
NS160-B39B0-SXZ00			24V	16" (385mm)	STRAIGHT	PULLER
NS160-A39B0-SCZ00			12V	16" (385mm)	STRAIGHT	PUSHER
NS160-B39B0-SCZ00			24V	16" (385mm)	STRAIGHT	PUSHER
NS160-A39B0-SXS00			12V	16" (385mm)	S-BLADE S	PULLER
NS160-B39B0-SXS00			24V	16" (385mm)	S-BLADE S	PULLER
NS160-A39B0-SCS00			12V	16" (385mm)	S-BLADE S	PUSHER
NS160-B39B0-SCS00			24V	16" (385mm)	S-BLADE S	PUSHER
NA09A-A39B0-SXZ00			12V	9" (225mm) H	STRAIGHT	PULLER
NA09A-B39B0-SXZ00			24V	9" (225mm) H	STRAIGHT	PULLER
NA09A-A39B0-SCZ00			12V	9" (225mm) H	STRAIGHT	PUSHER
NA09A-B39B0-SCZ00			24V	9" (225mm) H	STRAIGHT	PUSHER
NA10A-A39B0-SXZ00			12V	10" (255mm) H	STRAIGHT	PULLER
NA10A-B39B0-SXZ00			24V	10" (255mm) H	STRAIGHT	PULLER
NA10A-A39B0-SCZ00			12V	10" (255mm) H	STRAIGHT	PUSHER
NA10A-B39B0-SCZ00			24V	10" (255mm) H	STRAIGHT	PUSHER
NA10B-A39B0-SXZ00			12V	10" (255mm) H	STRAIGHT	PULLER
NA10B-B39B0-SXZ00			24V	10" (255mm) H	STRAIGHT	PULLER
NA10B-A39B0-SCZ00			12V	10" (255mm) H	STRAIGHT	PUSHER
NA10B-B39B0-SCZ00			24V	10" (255mm) H	STRAIGHT	PUSHER
NA10C-A3350-BXS00	VA109-ABL335P/N-109A		12V	10" (255mm) H	S-BLADE S	PULLER
NA10C-B3350-BXS00	VA109-BBL335P/N-109A		24V	10" (255mm) H	S-BLADE S	PULLER
NA10C-A3210-BXS00	VA109-ABL321P/N-109A		12V	10" (255mm) H	S-BLADE S	PULLER
NA10C-B3210-BXS00	VA109-BBL321P/N-109A		24V	10" (255mm) H	S-BLADE S	PULLER
NA11A-A39B0-SXZ00			12V	11" (280mm) H	STRAIGHT	PULLER
NA11A-B39B0-SXZ00			24V	11" (280mm) H	STRAIGHT	PULLER
NA11A-A39B0-SCZ00			12V	11" (280mm) H	STRAIGHT	PUSHER
NA11A-B39B0-SCZ00			24V	11" (280mm) H	STRAIGHT	PUSHER
NA11B-A39B0-SXZ00			12V	11" (280mm) H	STRAIGHT	PULLER
NA11B-B39B0-SXZ00			24V	11" (280mm) H	STRAIGHT	PULLER
NA11B-A39B0-SCZ00			12V	11" (280mm) H	STRAIGHT	PUSHER
NA11B-B39B0-SCZ00			24V	11" (280mm) H	STRAIGHT	PUSHER
NA12A-A39B0-SXZ00			12V	12" (305mm) H	STRAIGHT	PULLER
NA12A-B39B0-SXZ00			24V	12" (305mm) H	STRAIGHT	PULLER
NA12A-A39B0-SCZ00			12V	12" (305mm) H	STRAIGHT	PUSHER
NA12A-B39B0-SCZ00			24V	12" (305mm) H	STRAIGHT	PUSHER
NA12B-A39B0-SXZ00			12V	12" (305mm) H	STRAIGHT	PULLER
NA12B-B39B0-SXZ00			24V	12" (305mm) H	STRAIGHT	PULLER
NA12B-A39B0-SCZ00			12V	12" (305mm) H	STRAIGHT	PUSHER
NA12B-B39B0-SCZ00			24V	12" (305mm) H	STRAIGHT	PUSHER
NA12A-A39B0-SXS00			12V	12" (305mm) H	S-BLADE S	PULLER
NA12A-B39B0-SXS00			24V	12" (305mm) H	S-BLADE S	PULLER
NA12A-A39B0-SCS00			12V	12" (305mm) H	S-BLADE S	PUSHER
NA12A-B39B0-SCS00			24V	12" (305mm) H	S-BLADE S	PUSHER
NA12B-A39B0-SXS00			12V	12" (305mm) H	S-BLADE S	PULLER
NA12B-B39B0-SXS00			24V	12" (305mm) H	S-BLADE S	PULLER
NA12B-A39B0-SCS00			12V	12" (305mm) H	S-BLADE S	PUSHER
NA12B-B39B0-SCS00			24V	12" (305mm) H	S-BLADE S	PUSHER
NA12D-A39B0-SXZ00			12V	12" (305mm) H	STRAIGHT	PULLER
NA12D-B39B0-SXZ00			24V	12" (305mm) H	STRAIGHT	PULLER
NA12D-A39B0-SCZ00			12V	12" (305mm) H	STRAIGHT	PUSHER
NA12D-B39B0-SCZ00			24V	12" (305mm) H	STRAIGHT	PUSHER
NA12D-A39B0-SXS00			12V	12" (305mm) H	S-BLADE S	PULLER
NA12D-B39B0-SXS00			24V	12" (305mm) H	S-BLADE S	PULLER
NA12D-A39B0-SCS00			12V	12" (305mm) H	S-BLADE S	PUSHER
NA12D-B39B0-SCS00			24V	12" (305mm) H	S-BLADE S	PUSHER

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ITEM	OE TYPEOE	OE CODE OE	VOLTAGE	BLADE SIZE	BLAD	TYPE
NA12E-A3050-BXS00	VA89-ABL305P/N-94A		12V	12" (305mm) H	STRAIGHT	PULLER
NA12E-B3050-BXS00	VA89-BBL305P/N-94A		24V	12" (305mm) H	STRAIGHT	PULLER
NA12E-A3200-BXS00	VA89-ABL320P/N-94A		12V	12" (305mm) H	STRAIGHT	PULLER
NA12E-B3200-BXS00	VA89-BBL320P/N-94A		24V	12" (305mm) H	STRAIGHT	PULLER
NA12E-A3380-BXS00	VA89-ABL338P/N-94A		12V	12" (305mm) H	STRAIGHT	PULLER
NA12E-B3380-BXS00	VA89-BBL338P/N-94A		24V	12" (305mm) H	STRAIGHT	PULLER
NA12E-A3430-BXS00	VA89-ABL343P/N-94A		12V	12" (305mm) H	STRAIGHT	PULLER
NA12E-B3430-BXS00	VA89-BBL343P/N-94A		24V	12" (305mm) H	STRAIGHT	PULLER
NA12E-A5060-BXS00	VA89-ABL506P/N-94A		12V	12" (305mm) H	STRAIGHT	PULLER
NA12E-B5060-BXS00	VA89-BBL506P/N-94A		24V	12" (305mm) H	STRAIGHT	PULLER
NA16A-A3260-AXS00	VA91-ABL326P/N-65A		12V	16" (385mm) H	S-BLADE S	PULLER
NA16A-B3260-AXS00	VA91-BBL326P/N-65A		24V	16" (385mm) H	S-BLADE S	PULLER

## . BRUSHLESS BLOWER OE CROSS REFERENCE OE

ITEM	OE CODE OE	VOLTAGE
BBS145-A80	P3056001/A27289-110/P2 773-70804	12V
BBS145-A80A	1000766697/DRF-84A34-X1300083	12V
BBS145-A80B	DRF-84A34-003	12V
BBD350-A75		12V
BBD350-B75		24V
BBD350-A100-313	020-ABL313P/N-95	12V
BBD350-B100-313	020-BBL313P/N-95	24V
BBD350-A100-343	020-ABL331P/N-95	12V

ITEM	OE CODE OE	VOLTAGE
BBD350-B100-343	020-BBL331P/N-95	24V
BBD350-A100-358	020-ABL358P/N-95	12V
BBD350-B100-358	020-BBL358P/N-95	24V
BBD370-A75		12V
BBD370-B75		24V
BBD480-A75		12V
BBD480-B75		24V