



HENRY
TECHNOLOGIES

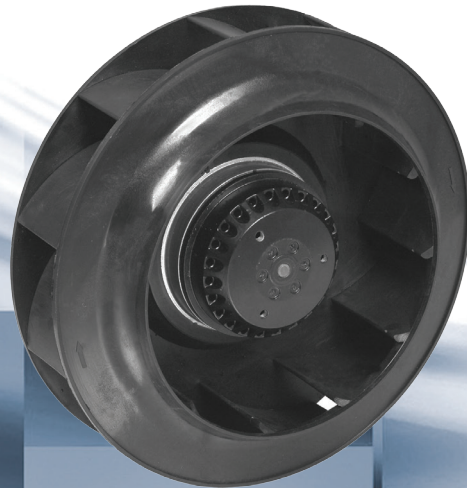
Flexible Fan Solutions

AC & EC Fan Motors
Meeting ErP performance standards

eQ series
EC type
2 – 34W



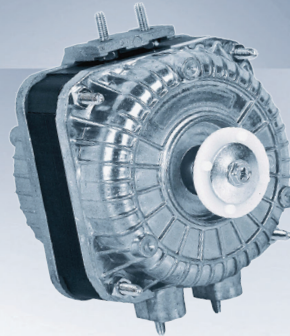
CF & eCF Series
AC & EC Centrifugal
Sizes 200 - 500



AF & eAF Series
AC & EC Axial
Sizes 200 - 800



SPQ series
Shaded Pole
5 - 34W



FLEXIBLE FAN SOLUTIONS - PRODUCT RANGE

SHADED POLE Q TYPE AC MOTORS



Multi-mount in popular sizes 5 to 34W
SPQ Series | Page 2

EC Q FAN MOTOR



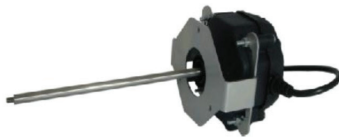
Multi-mount in 2 sizes to replace
9 Shaded Pole type
eQ1 Series | Page 3

EC MINI FAN PACK



EC Motor/Fan/Ring Mount replaces
up to 25W Shaded Pole Type
eQ-MFP Series | Page 4

EC AGITATOR MOTOR



EC Motor/Mount/Shaft replaces
Shaded Pole type
eQ1-A Series | Page 5

AXIAL AC FAN MOTORS



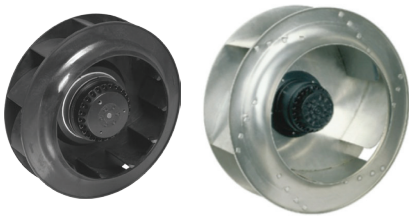
Sizes 250 to 800 in Grille and
Square Mounts
AF Series | Page 6

AXIAL EC FAN MOTORS



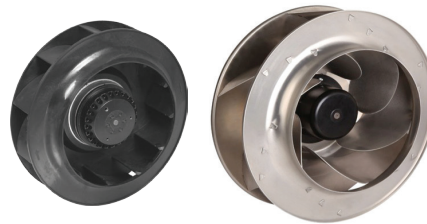
Sizes 250 to 450 in Grille Mount fixed and
0-10Vdc variable speed
EAF Series | Page 9

CENTRIFUGAL AC FAN MOTORS



Size 133 to 500
Choice 2, 4 & 6 pole speed
CF Series | Page 11

CENTRIFUGAL EC FAN MOTORS



Size 133 to 400
Fixed and 0-10Vdc variable speed
CEF Series | Page 13

COMPACT AXIAL AC FAN MOTOR



Square and round configurations
Quiet operation in popular sizes
CAF Series | Page 15

CROSS FLOW FAN MOTORS EC

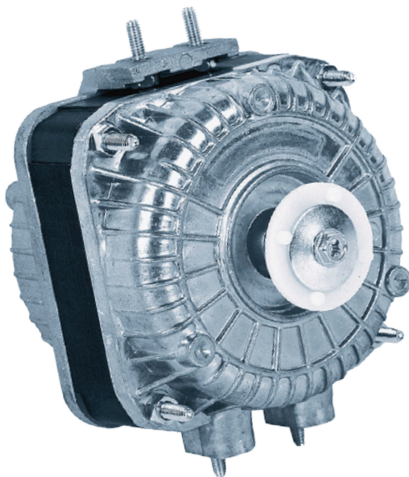


Motor and impeller in EC
Single and 2 speed sizes
CFEC Series | Page 17

ACCESSORIES SP & EC



Fans, mountings to suit all sizes
SP & EC motors
Accessories | Page 18



Multi - Mount in popular sizes 5 to 34W.

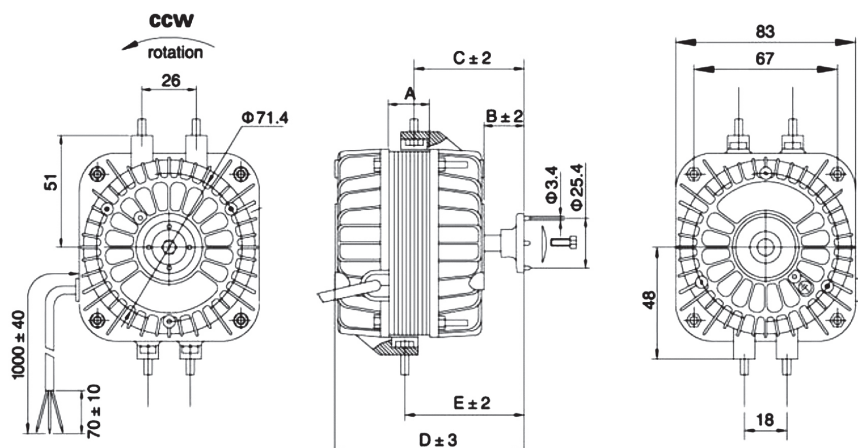
Specifications:

- Multi-mount - front / back / top / bottom M4 mounts , 14 points
- Rated at 30,000 hours continuous running, S1 rated
- Power lead 1 meter , 3 core
- Mounting nuts, washers & screws provided
- Protection IP42
- Operating temperature range -30 to +50°C
- Insulation class B
- CE, VDE,UL, CCC approved

Henry Part Number	Output Watts W	Power input W (Rated)	Current amps	Speed rpm	Air flow m ³ /hr	Fan blade mm	Rated supply VSC/Hz	Weight kg
SPQ-5-13-18/26	5	29	0.20	1300	455	Ø200	220-240/50	0.80
SPQ-10-20-18/26	10	36	0.25	1300	650	Ø230	220-240/50	1.10
SPQ-16-25-18/26	16	60	0.45	1300	760	Ø230	220-240/50	1.40
SPQ-25-40-18/26	25	90	0.70	1300	1030	Ø300	220-240/50	1.80
SPQ-34-45-18/26	34	110	0.85	1300	1210	Ø300	220-240/50	2.00

Dimensions:

Henry Part Number	Output Watts W	A mm	B mm	C mm	D mm	E mm
SPQ-5-13-18/26	5	13	15	46	82	45
SPQ-10-20-18/26	10	19	15	46	88	51
SPQ-16-25-18/26	16	25	14	45	94	56
SPQ-25-40-18/26	25	40	18	49	113	75
SPQ-34-45-18/26	34	45	22	53	122	84





Multi - Mount EC in 2 sizes to replace 9 Shaded Pole type.

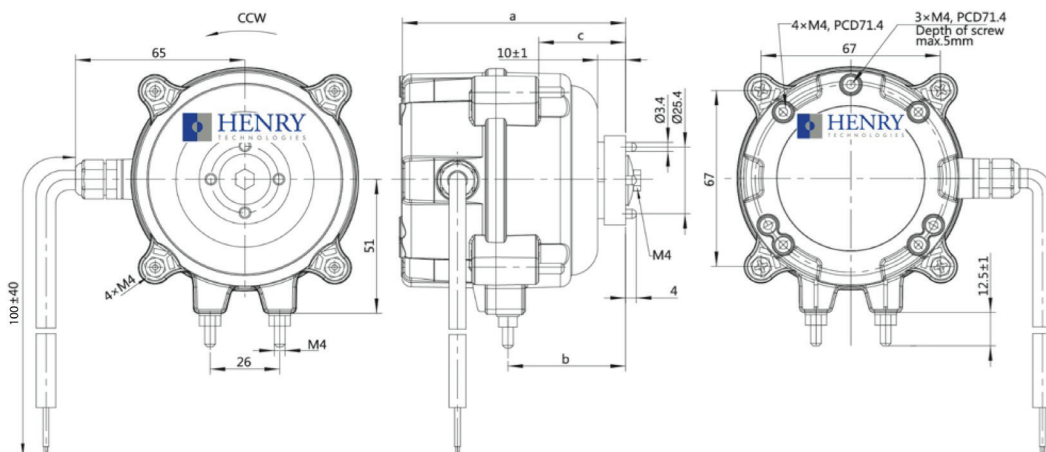
Specifications:

- Multi-mount - front / back / bottom M4 mounts 9 points
- Saves up to 75% energy use when replacing Shaded Pole type
- Two sizes replace 9 Shaded Pole sizes
- Rated at 50,000 hours continuous running, S1 rated
- Operating temperature range -30 to +50°C
- Maintenance free ball bearings ensure long service life
- Power lead 1 meter , 2 core
- Mounts nuts, washers & screws provided
- Class II insulation - no need for earth
- Protection class IP65
- Insulation class B
- CE, VDE,UL, CCC approved

Henry Part Number	Power output W (Rated)	Replaces Shaded Pole Sizes	Speed rpm	Current amps	Rated supply VSC/Hz	Weight kg
eQ1-12	12	2,5,7,10,12,16W	1300	0.21	230/50-60	0.85
eQ1-20	20	18,20,25,34W	1300	0.28	230/50-60	0.85

Dimensions:

Henry Part Number	Power output W (Rated)	A mm	B mm	C mm
eQ1-12	12	87	43.5	32.5
eQ1-20	20	95	43.5	32.5





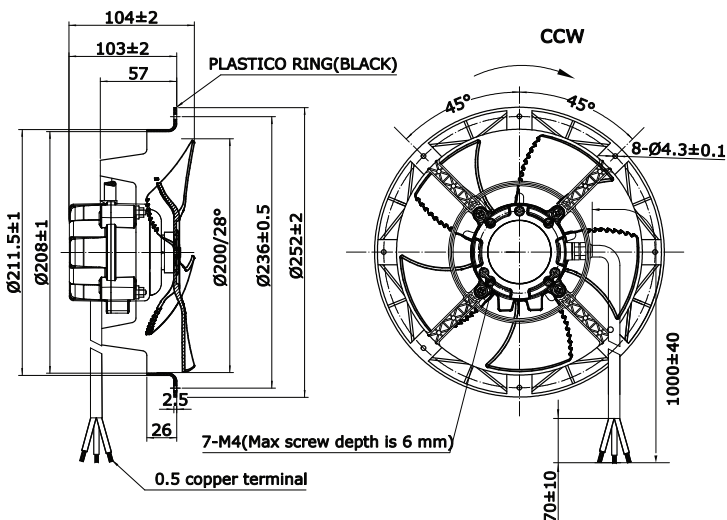
EC Fan Pack replaces up to 25W Shaded Pole type.

Specifications:

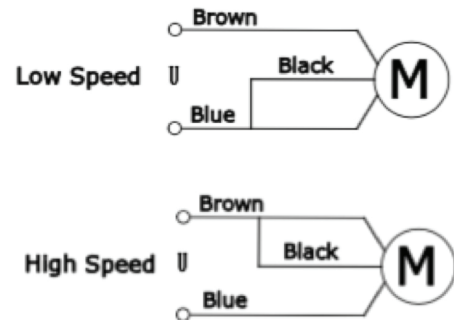
- EC Motor/Blade/Ring assembly, ensures quality/balance from Mfg. to installation
- EC Energy saving technology
- Low noise fluted fan blade
- High and Low speed built in
- IP65 protection
- Mounting options enable replacement of up to 9 size Shaded Pole type
- Class II insulation saves earthing costs
- -30 to +50°C operating ambient
- Maintenance free ball bearings ensure long service life
- CE, VDE,UL, CCC approved

Henry Part Number	Rotation	Low Speed - 1500 rpm			High Speed - 1900 rpm				Rated power supply	
		Air Volume m ³ /hr	Watts input W	Sound level db (A)	Current amps	Air Volume m ³ /hr	Watts input W	Sound level db (A)		Current amps
eQ1-MFP-1	CCW	525	12.4	48	0.21	727	23	CCW	55	220-240V/50-60 Hz

Dimensions:

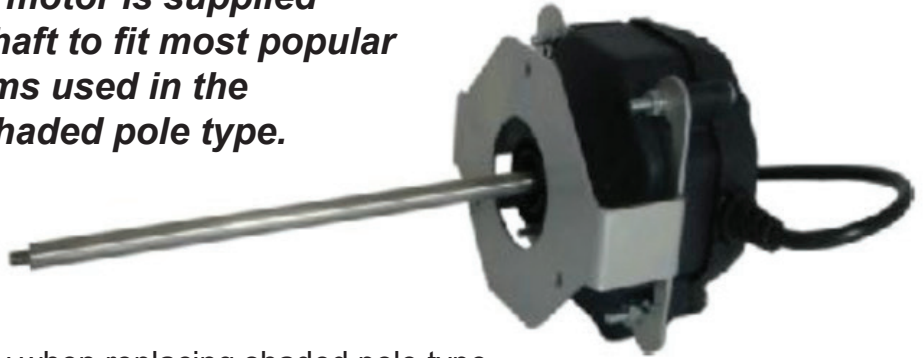


Wiring configuration:



AGITATOR EC MOTOR

The eQ series EC - Agitator motor is supplied with mounts and agitator shaft to fit most popular refrigerated ice bank systems used in the ANZ market - can replace shaded pole type.



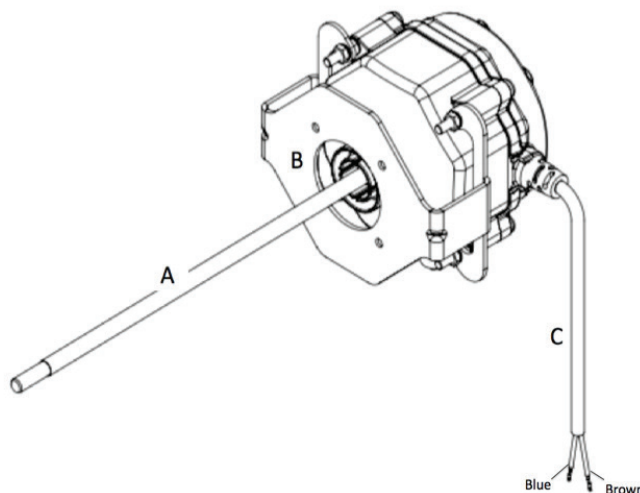
Specifications:

- EC motor saves over 75% energy when replacing shaded pole type
- Purpose designed for tough ice bank cooler bath operating conditions
- CE approved
- Rated 50,000 hours continuous running
- Power lead 750mm, 2 wire
- IP 55 protection
- Class II insulation
- Mounting flange front plate is M4 x 3 equally spaced at 54pcd
- Power cord is 750mm x 2 wire- single speed setting

Henry Part Number	Power output W (Rated)	Replaces Shaded Pole Sizes	Speed rpm	Rotation direction	Free shaft length mm	Current amps VAC/Hz	Weight kg
eQ1-A-12	12	5,7,10,12,16W	1300	CCW	201 & M4 end	0.21	0.85

Dimensions:

A	B	C
Free shaft length	Mounting plate	Power cord
201 mm	M4 x 3 equally spaced	750mm





The AF series is provided pre-wired to mounted terminal box and has grille & flat plate to replace most popular brands.

Stocked in 1 & 3 phase models used on evaporator and condenser applications.

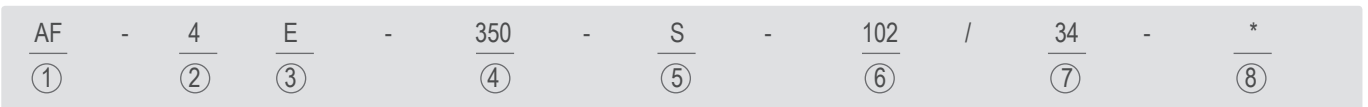
Specifications:

- Grille and Flat Plate mounting matches popular brands with matching air volumes for direct replacement
- Choice of 4 and 6 pole speeds
- Terminal box configuration ensure safe and convenient wiring connection
- Operating temperature from -30 to +60°C covers majority of applications
- Maintenance free ball bearings ensure long service life
- Motor, guard and fan blade surface coated with corrosion resistant material
- Standard air direction sucking (CCW) over motor, blowing (CW) also available
- Meets ErP2015 EU performance efficiency standards
- CE, VDE , RoHS approvals

AXIAL FAN MOTORS - AC/AF TYPE

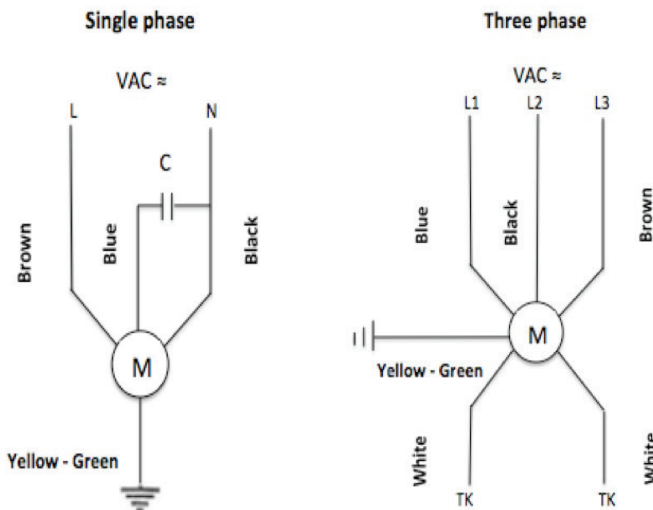
Axial Fan Diam.	Henry Part Number Grille type mount	Henry Part Number Flat Plate type mount	Poles number	Rated supply VAC/Hz	Air flow m ³ /hr	Air direction	Speed rpm	Power input W (rated)	Current amps	Capacitor uF	Sound pressure dBA@1M	Net weigh kg
250	AF-4E-250S-92/25-G	AF-4E-250S-92/25-B	4	220/50	825	CCW	1380	50	0.23	2	55	2.50
300	AF-4E-300S-92/25-G	AF-4E-300S-92/35-B	4	220/50	1845	CCW	1380	85	0.42	3	60	3.00
350	AF-4E-350S-102/34-G1	-	4	220/50	2450	CCW	1400	64	0.65	4	64	5.00
350	AF-4E-350S-102/34-G2	-	4	220/50	2450	CCW	1400	64	0.65	4	64	5.00
350	AF-6E-350S-102/34-G	-	6	220/50	1615	CCW	920	80	0.68	3	56	5.00
400	AF-4E-400S-P102/47-G	-	4	220/50	3955	CCW	1380	180	0.82	6	67	6.00
450	AF-4D-450S-P102/60-G	-	4	380/50	5415	CCW	1350	250	0.55	/	69	8.00
450	AF-4E-450S-P102/60-G	-	4	220/50	5365	CCW	1350	250	1.15	8	69	8.00
450	AF-6E-450S-P102/60-G	-	6	220/50	3775	CCW	920	138	0.75	6	61	8.00
500	AF-4D-500S-P137/35-G	AF-4D-500S-P137/35-B	4	380/50	7395	CCW	1300	414	0.85	/	71	9.00
500	AF-4E-500S-P137/35-G	AF-4E-500S-P137/35-B	4	220/50	7155	CCW	1320	380	1.85	10	71	9.00
500	AF-6D-500S-P137/35-G	AF-6D-500S-P137/35-B	6	380/50	5840	CCW	900	414	0.55	/	66	9.00
500	AF-6E-500S-P137/35-G	AF-6E-500S-P137/35-B	6	220/50	5705	CCW	900	230	1.05	10	66	9.00
550	AF-4E-550S-P137/50-G	-	4	220/50	8220	CCW	1320	520	2.4	12	75	9.00
550	AF-6E-550S-P137/50-G	-	6	220/50	5920	CCW	940	250	0.77	/	70	9.00
560	AF-6D-560S-145/65-G	AF-6D-560S-P145/65-B	6	380/50	8050	CCW	900	380	1.3	/	72	9.00
560	AF-6E-560S-145/65-G	AF-6E-560S-P145/65-B	6	220/50	7910	CCW	900	500	2.3	12	72	18.00
630	AF-6D-630S-P137/70-G	AF-6D-630S-P137/70-B	6	380/50	11785	CCW	900	550	1.45	/	71	15.00
630	AF-6E-630S-P137/70-G	-	6	380/50	11785	CCW	900	550	1.45	/	71	15.00
710	AF-6D-710S-P180/75-G	AF-6D-710S-P180/75-B	6	380/50	15120	CCW	900	900	1.9	/	73	30.00
800	AF-6D-800S-P180/75-G	AF-6D-800S-P180/75-B	6	380/50	20695	CCW	920	1200	2.85	/	75	35.00

Nomenclature:



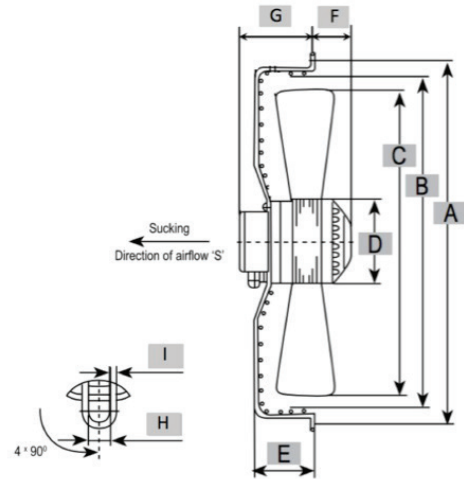
- ① Axial Fan running with an AC induction external rotor motor
- ② Number of Poles
- ③ E - Single phase with operating capacitor, D - 3 phase motor
- ④ Fan Blade diameter
- ⑤ Direction of air flow: S-Sucking, B-Blowing
- ⑥ Diameter of rotor
- ⑦ Thickness of laminated core
- ⑧ Variable fan motor characteristics:
G-Grid, B-Square Frame, T-Cylinder, R - Round Frame
E-Insulation class IP54, J - Special for air cooler

Electrical connections AC:



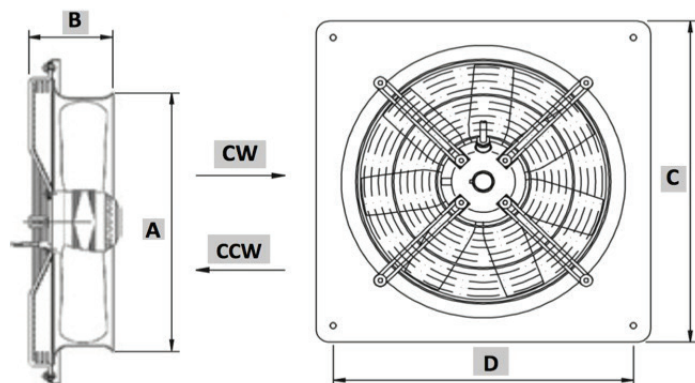
Dimensions - Grille style:

Axial Fan Diam.	Henry Part Number Grille type mount	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm
250	AF-4E-250S-92/25-G	320	275	250	92	60	20	-	7	4
300	AF-4E-300S-92/25-G	360	320	300	92	80	36	30	7	4
350	AF-4E-350S-102/34-G1	420	370	350	102	80	53	110	18	5
350	AF-4E-350S-102/34-G2	442	370	350	102	70	53	110	7	5
350	AF-6E-350S-102/34-G	422	370	350	102	80	53	110	9.5	5
400	AF-4E-400S-P102/47-G	470	420	400	102	90	56	120	9.5	5
450	AF-4D-450S-P102/60-G	522	470	450	102	90	69	120	9.5	6
450	AF-4E-450S-P102/60-G	522	470	450	102	90	69	120	9.5	6
450	AF-6E-450S-P102/60-G	522	470	450	102	90	69	120	9.5	6
500	AF-4D-500S-P137/35-G	570	520	500	137	90	63	110	10.5	6
500	AF-4E-500S-P137/35-G	570	520	500	137	90	63	110	10.5	6
500	AF-6D-500S-P137/35-G	570	520	500	137	90	63	110	10.5	6
500	AF-6E-500S-P137/35-G	570	520	500	137	90	63	110	10.5	6
550	AF-4E-550S-P137/50-G	622	570	550	137	100	68	110	10.5	6
550	AF-6E-550S-P137/50-G	622	570	550	137	100	68	110	10.5	6
560	AF-6D-560S-145/65-G	750	650	560	153	100	80	130	10.5	7.5
560	AF-6E-560S-145/65-G	750	650	560	153	100	80	130	10.5	7.5
630	AF-6D-630S-P137/70-G	750	650	630	137	100	88	130	10.5	7.5
630	AF-6E-630S-P137/70-G	750	650	630	137	100	88	130	10.5	7.5
710	AF-6D-710S-P180/75-G	840	770	703	180	120	71	175	13	10
800	AF-6D-800S-P180/75-G	920	857	784	180	120	71	175	13	10



Dimensions - Flat plate style:

Axial Fan Diam.	Henry Part Number Flat plate	A mm	B mm	C mm	D mm
250	AF-4E-250S-92/25-BO	280	90	370	320
300	AF-4E-300S-92/35-BO	325	90	430	380
500	AF-4D-500S-P137/35-BO	510	175	615	655
500	AF-4E-500S-P137/35-BO	510	175	615	655
500	AF-6D-500S-P137/35-BO	510	175	615	655
500	AF-6E-500S-P137/35-BO	510	175	615	655
560	AF-6D-560S-P145/65-BO	585	175	725	670
560	AF-6E-560S-P145/65-BO	585	175	725	670
630	AF-6D-630S-P137/70-BO	645	125	805	750
710	AF-6D-710S-P180/75-BO	722	265	850	810
800	AF-6D-800S-P180/75-BO	830	265	970	910



AXIAL FAN MOTORS - EC-EAF TYPE



Sizes 250 to 450 in Grille mount 0-10Vdc variable speed capability.

Specifications:

- Saves 30-40% energy over AC type
- ECM technology with intelligent capability
- Variable speed through 0-10 Vdc signal
- Operating temperature -25 to 65°C
- Maintenance free ball bearings, 50,000 hour rating
- Temperature protected by electronics
- Insulation class B
- S1 continuous running mode rating
- Meets CE, CCC RoSh approval and ErP2015 compliant

Axial Fan Diam.	Henry Part Number Grille style	Speed set-up	Operating voltage V	Frequency Hz	Air volume m ³ /hr	Air direction	Speed rpm	Power input W	Current draw A	Sound pressure at 1m db(A)	Approx. weight kg
250	AEC-250-0/10-G	0-10VDC/PWM	200-277	50/60	2100	CCW	3000	160	1.2	79	3.9
300	AEC-300-0/10-G	0-10VDC/PWM	200-277	50/60	2400	CCW	1800	100	0.8	120	4.2
350	AEC-350-0/10-G	0-10VDC/PWM	200-277	50/60	3500	CCW	1550	150	1.2	67	4.4
400	AEC-400-0/10-G	0-10VDC/PWM	200-277	50/60	5500	CCW	1700	300	2.5	84	6.9
450	AEC-450-0/10-G	0-10VDC/PWM	200-277	50/60	6000	CCW	1300	330	2.1	64	7.6

**NOTE: Nominal Data at Max Load