

# VARIETY RANGE of EC MOTOR FANS

Airvent's goal is to help Australia transition from the old fashion standard of AC fans to the new age of energy efficient and high-performance EC fans

## WHY AIRVENT

- First EC MOTOR inline fan with build in Run-On-Timer& Speed Dial
- First EC MOTOR Header Box (Exhaust Fan) in Australia
- First EC MOTOR inline fan with build in humidity and temperature sensor
- First EC MOTOR which is price competitive with the competitions inferior AC motors

## EC & AC MOTOR EXHAUST FAN

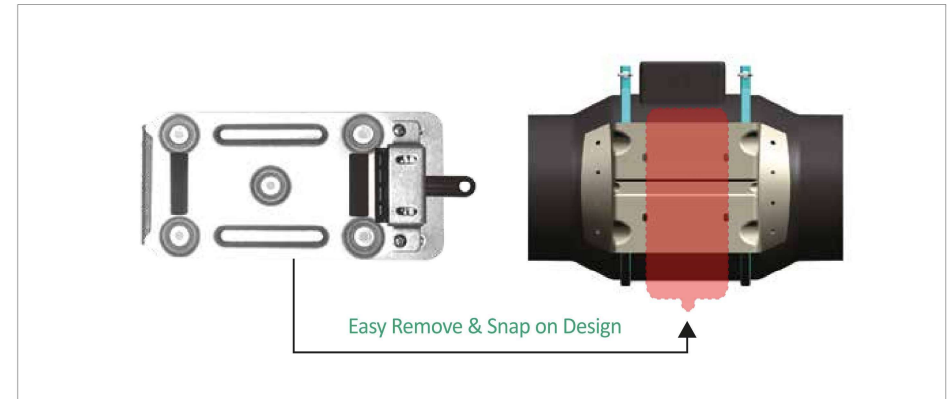


### ADVANTAGES OF MAKING THE SWITCH TO AN EC MOTOR FAN



### COMPACT & VERSATILE FAN CLIP

Our fan clip is a special design which uses a light-weight and durable metal clip that is easy to install and remove. Installation time savings are upwards of 80% which saves time and money.



### TOP 4 BENEFITS of EC FANS

- 01 Energy Efficiency**  
 The EC Motor design offers better efficiency and reduced energy consumption while maintaining performance levels.
- 02 Variable Speed Control**  
 Unlike conventional fan motors, EC Motors have a built in variable speed controller for different airflow requirements.
- 03 Long Lifespan**  
 The EC Motor operates at lower temperatures which results in longevity when compared to the AC motors.
- 04 Easy Install**  
 EC Motors are designed for space saving as they are less bulky and more compact than the AC motor fans. It's low-maintenance, energy efficient characteristics allow high-capacity performance at a smaller physical size.

### WHY SHOULD YOU USE OUR FAN CLIP?



**Light weight & Strong**

Install our fan on a strong and reliable plate to the ceiling in a matter of seconds.



**Snap on**

Easily snaps on the make installation seamless and quick.



**Easy to remove**

Easily removable without leaving marks.

# AIRVENT

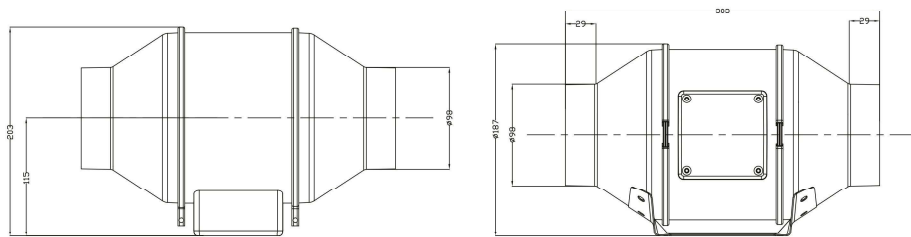
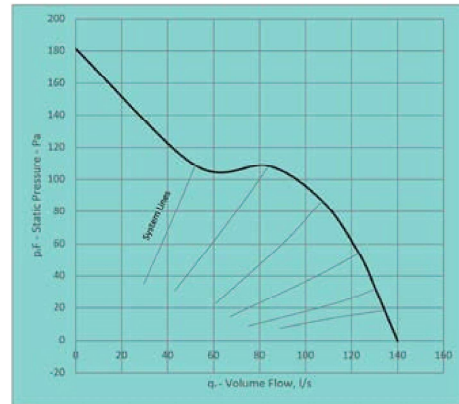
## EC GREENLINE INLINE FAN SERIES

### EC MOTOR 100mm INLINE FAN SERIES – ECIF35-100 Performance Data

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#### AIRFLOW VS PRESSURE

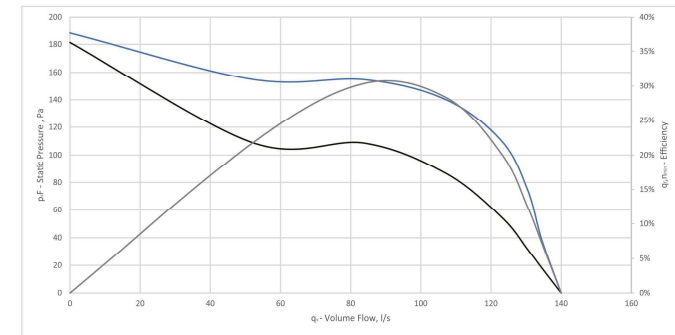


#### FAN DATA/NOISE DATA

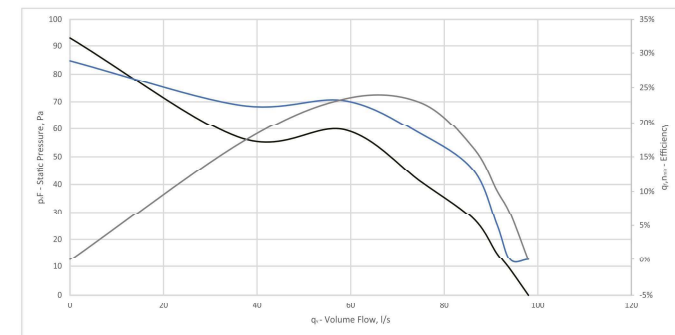
Model Number	Product	Spigot Diameter (mm)	Fan Speed (RPM)	Avg. dB(A) @3m	Power (W)	Starting Current (Amps)	Blade Material	Dimensions (cm)	Weight (KG)
ECIF35-100	35 Watt EC variable Speed Inline Fan Optional ROT	100	2300	37	33.7	<0.1	ABS	21.2 x 32.0 x 20.0	1.6

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	Total Sound Power Level Lw dB(A) @3m
Inlet Sound Power Level Lw (dB)	53	48	55	58	55	52	43	37	37
Outlet Sound Power Level Lw (dB)	55	48	56	59	52	51	42	36	36



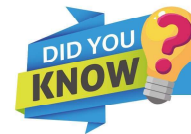
Efficiency with speed dial at 100%



Efficiency with speed dial at 70%

— Airflow vs Pressure — Fan Efficiency — Minimum Required Efficiency (NCC)

Fan airflow performance is tested according to ISO 5801:2007. Fan sound power level tested according to BS EN ISO 05136-2009. Efficiency according to NCC 2019 J5.4.



Our EC Fan range meets the requirements of NCC SECTION J 2019

# AIRVENT

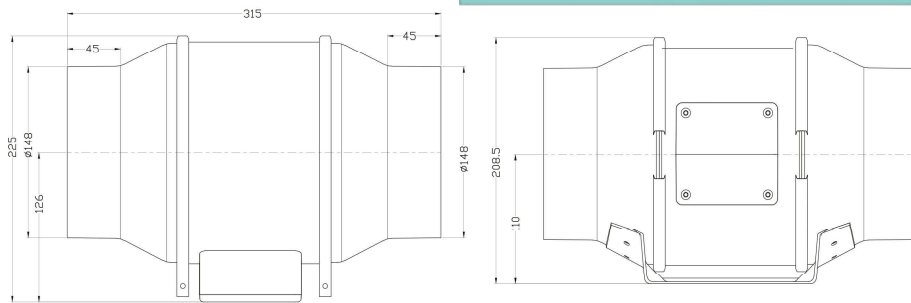
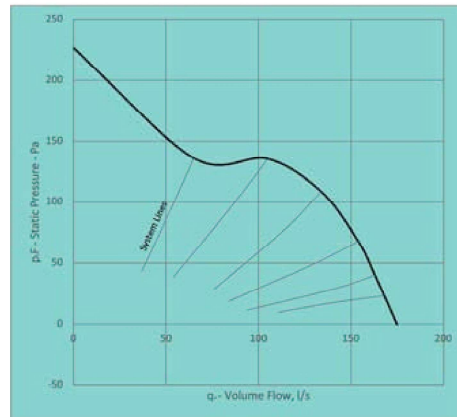
## EC GREENLINE INLINE FAN SERIES

### EC MOTOR 150mm INLINE FAN SERIES - ECIF40-150 Performance

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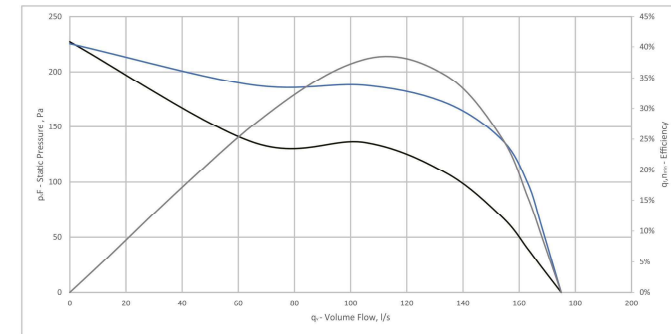


#### AIRFLOW VS PRESSURE

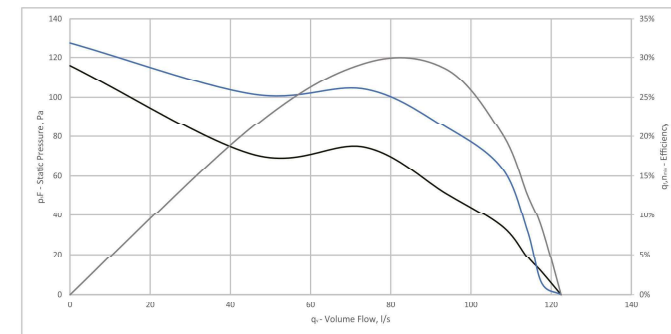


#### FAN DATA/NOISE DATA

Model Number	Product	Spigot Diameter (mm)	Fan Speed (RPM)	Avg. dB(A) @3m	Power (W)	Starting Current (Amps)	Blade Material	Dimensions (cm)	Weight (KG)
ECIF40-150	50 Watt EC variable Speed Inline Fan Optional ROT	150	2300	38	42.2	<0.1	ABS	21.2 x 32.0 x 20.0	1.6
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	Total Sound Power Level Lw dB(A) @3m
Inlet Sound Power Level Lw (dB)	53	48	55	59	55	53	43	37	38
Outlet Sound Power Level Lw (dB)	55	48	57	59	53	51	42	35	39



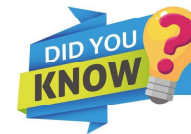
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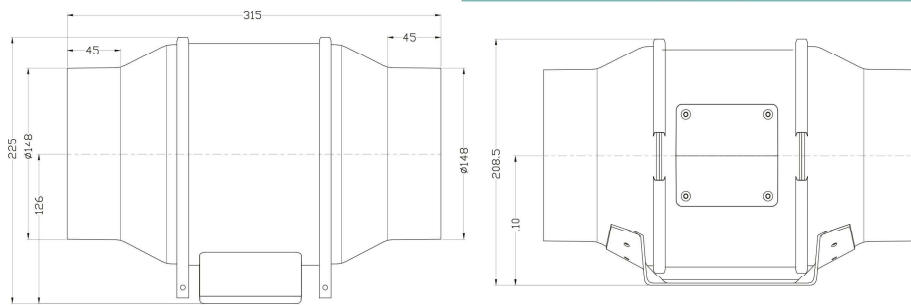
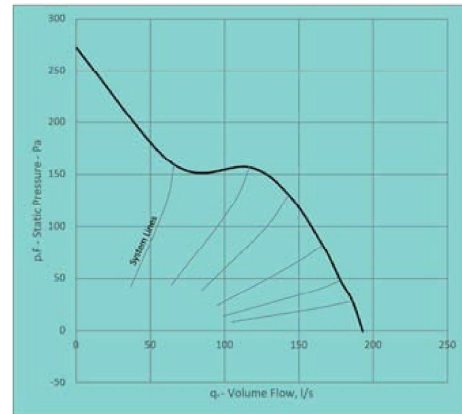


### EC MOTOR 150mm INLINE FAN SERIES - ECIF50-150 Performance Data

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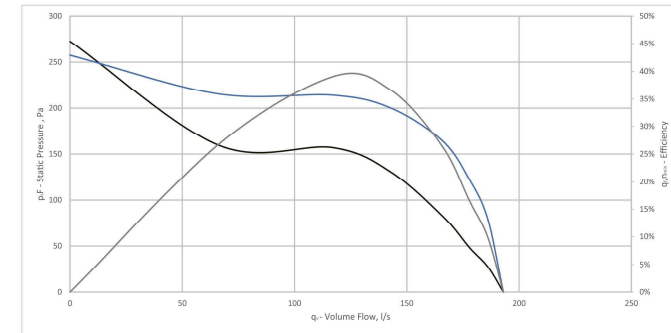
#### AIRFLOW VS PRESSURE



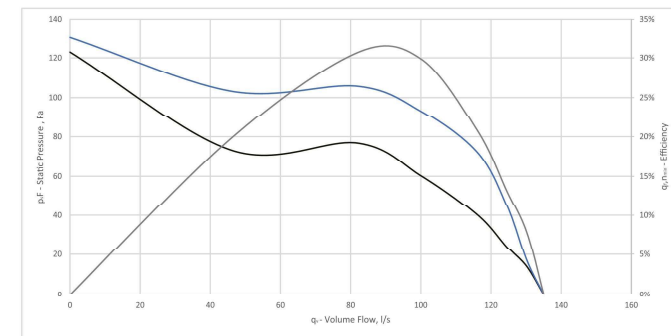
#### FAN DATA/NOISE DATA

Model Number	Product	Spigot Diameter (mm)	Fan Speed (RPM)	Avg. dB(A) @3m	Power (W)	Starting Current (Amps)	Blade Material	Dimensions (cm)	Weight (KG)
ECIF50-150	50 Watt EC variable Speed Inline Fan Optional ROT	150	2500	41	52.2	<0.1	ABS	21.2 x 32.0 x 20.0	2.3

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	Total Sound Power Level Lw dB(A) @3m
Inlet Sound Power Level Lw (dB)	53	50	57	59	55	53	49	38	41
Outlet Sound Power Level Lw (dB)	52	48	56	57	54	51	48	37	38



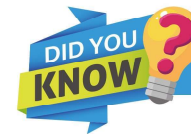
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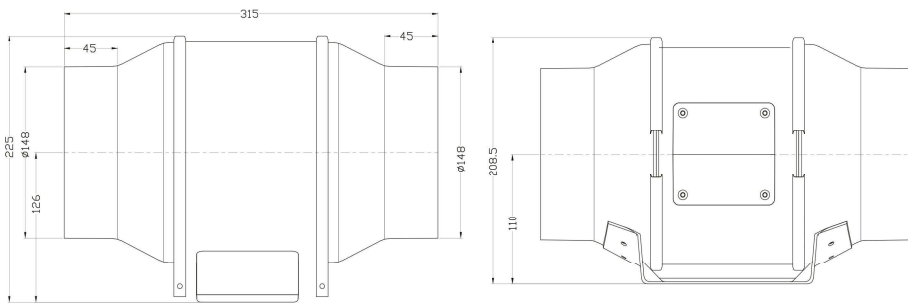
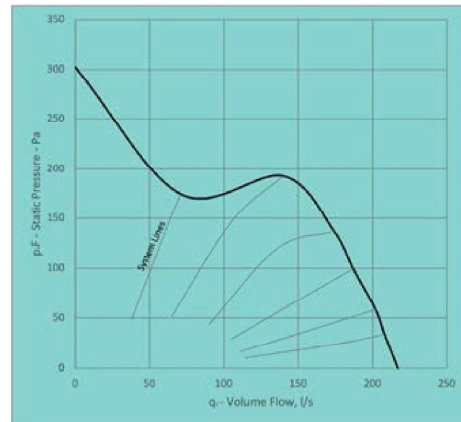
Our EC Fan range meets the requirements of NCC SECTION J 2019

### EC MOTOR 150mm INLINE FAN SERIES— ECIF70-150 Performance

### EC MOTOR 150mm INLINE FAN SERIES— ECIF70-150 Performance



#### AIRFLOW VS PRESSURE

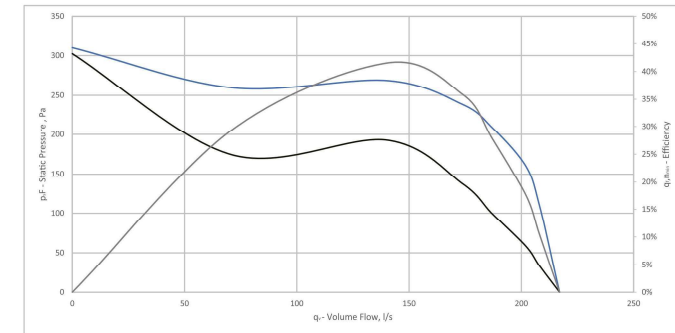


#### FAN DATA/NOISE DATA

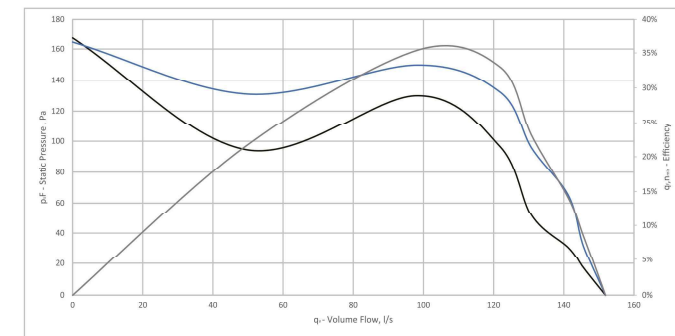
Model Number	Product	Spigot Diameter (mm)	Fan Speed (RPM)	Avg. dB(A) @3m	Power (W)	Starting Current (Amps)	Blade Material	Dimensions (cm)	Weight (KG)
ECIF70-150	70 Watt EC variable Speed Inline Fan Optional ROT	150	2800	44	67.1	<0.1	ABS	21.2 x 32.0 x 20.0	2.3

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	Total Sound Power Level Lw dB(A) @3m
Inlet Sound Power Level Lw (dB)	52	50	59	58	57	60	53	49	44
Outlet Sound Power Level Lw (dB)	54	50	60	63	62	59	54	49	43



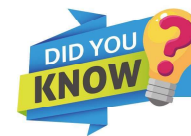
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— Air flow vs Pressure — Fan Efficiency — Minimum Required Efficiency (NCC)

Fan airflow performance is tested according to ISO 5801:2007. Fan sound power level tested according to BS EN ISO 05136-2009. Efficiency according to NCC 2019 J5.4.



Our EC Fan range meets the requirements of NCC SECTION J 2019

# AIRVENT

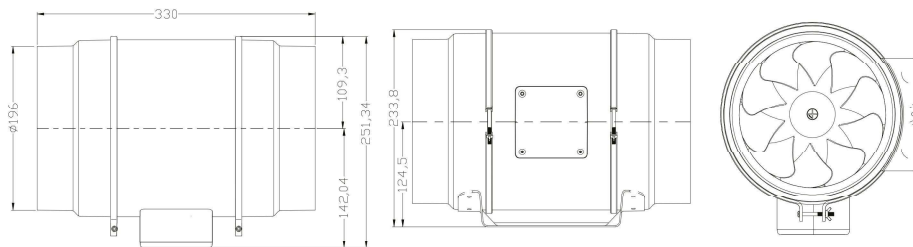
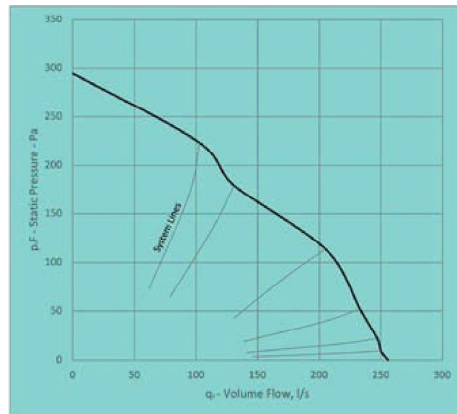
## EC GREENLINE INLINE FAN SERIES

### EC MOTOR 200mm INLINE FAN SERIES— ECIF200-PRO Performance

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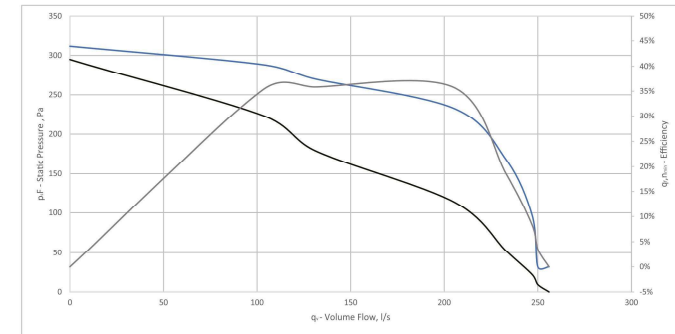


#### AIRFLOW VS PRESSURE

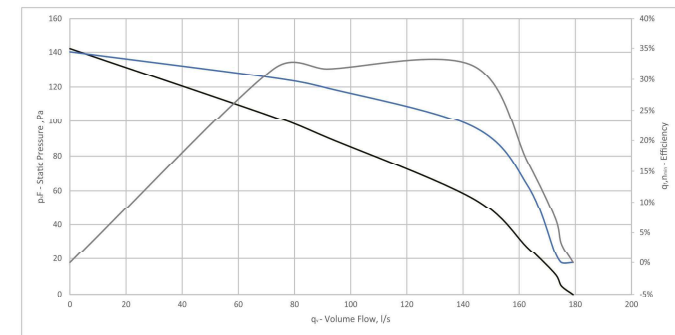


#### FAN DATA/NOISE DATA

Model Number	Product	Spigot Diameter (mm)	Fan Speed (RPM)	Avg. dBA @ 3m	Power (W)	Starting Current (Amps)	Blade Material	Dimensions (cm)	Weight (KG)
ECIF200-PRO	70 Watt EC variable Speed Inline Fan Optional ROT	200	2000	45	65.4	<0.1	ABS	33.0x25.1x23.4	3.1
Frequency (Hz):	63	125	250	500	1000	2000	4000	8000	Total Sound Power Level Lw dB(A) @3m
Inlet Sound Power Level Lw (dB)	52	51	59	58	57	61	53	49	45
Outlet Sound Power Level Lw (dB)	55	50	61	64	63	59	55	49	44



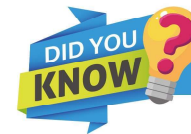
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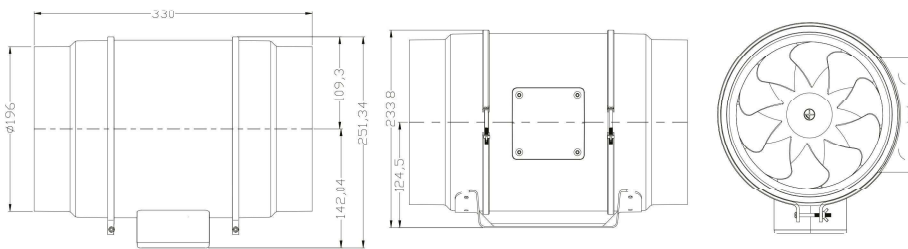
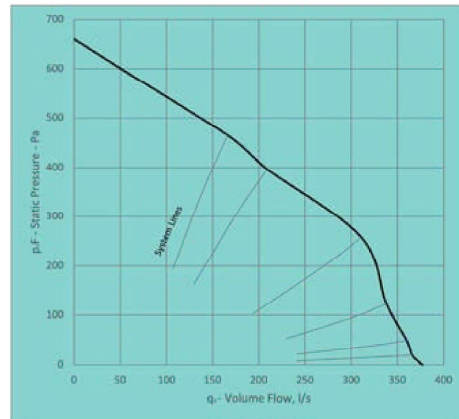
## EC GREENLINE INLINE FAN SERIES

### EC MOTOR 200mm INLINE FAN SERIES— ECIF200-MAX Performance

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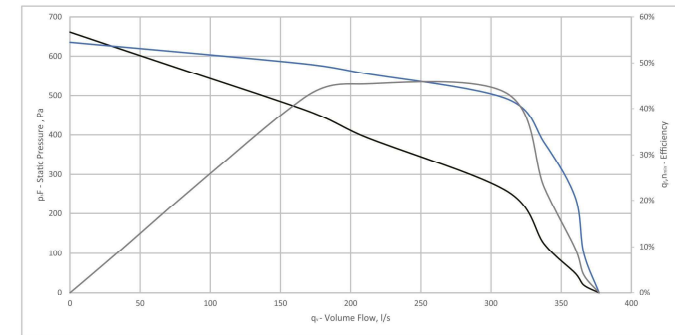


#### AIRFLOW VS PRESSURE

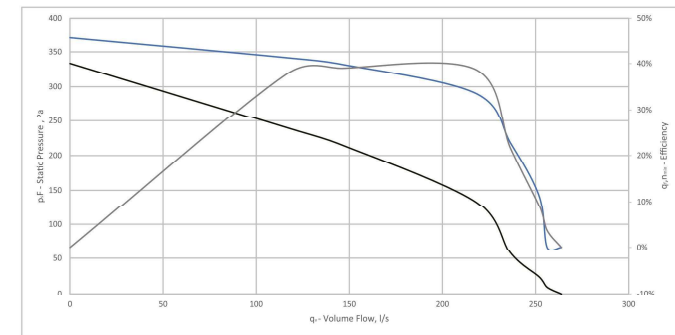


#### FAN DATA/NOISE DATA

Model Number	Product	Spigot Diameter (mm)	Fan Speed (RPM)	Avg. dB(A) @3m	Power (W)	Starting Current (Amps)	Blade Material	Dimensions (cm)	Weight (KG)
ECIF200-MAX	180 Watt EC variable Speed Inline Fan Optional ROT	200	3000	47	65.4	<0.1	ABS	33.0x25.1x23.4	3.1
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	Total Sound Power Level Lw dB(A) @3m
Inlet Sound Power Level Lw (dB)	52	49	57	57	64	62	58	50	47
Outlet Sound Power Level Lw (dB)	64	54	57	63	64	63	58	49	49



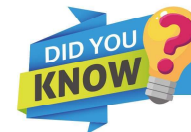
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