



# AIRVENT

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**Engineered Ventilation.**

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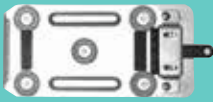
**Airvent Australia Pty Ltd**

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# AIRVENT EXHAUST FANS OVERVIEW

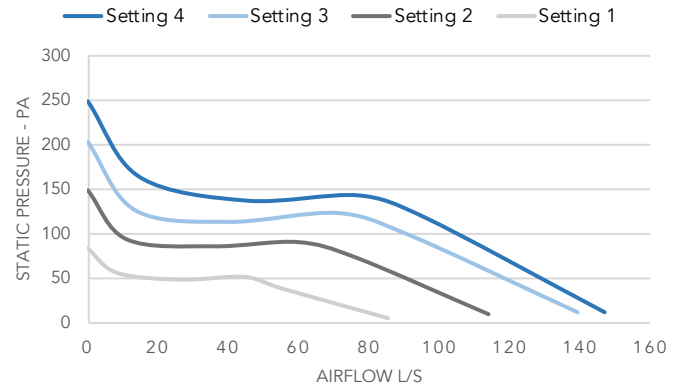
EC FANS	Key Feature	Max. Airflow (l/s)	Max. Pressure (Pa)	Max. Noise dB(A)
Code: ECIF35-100 Item: 100MM EC VARIABLE SPEED INLINE FAN 35W 	Variable Speed	146	250	37
Code: ECIF40-150 Item: 150MM EC VARIABLE SPEED INLINE FAN 40W 	Variable Speed	163	277	38
Code: ECIF50-150 Item: 150MM EC VARIABLE SPEED INLINE FAN 50W 	Variable Speed	186	324	41
Code: ECIF60-150 Item: 150MM EC VARIABLE SPEED INLINE FAN 60W 	Variable Speed	204	360	44
Code: ECIF120-200 Item: 200MM EC VARIABLE SPEED INLINE FAN 120W 	Variable Speed	280	495	47
Code: ECHB40-150 Item: 150MM EC HEADERBOX FAN-VARIABLE SPEED 45W 	Variable Speed	163	190	39
<b>AC FANS</b>				
Code: ACIF50-150 Item: 150MM AC MIXED FLOW INLINE FAN 50W 	Cost Effective	186	324	41
Code: ACHB35-150 Item: 150MM AC HEADERBOX FAN 35W 	Quite	90	130	38
<b>ACCESORIES</b>				
Code: PLATE-1001 Mounting Plate 	30 Second Install Time			
Code: ROT-1001 Item: Run-on Timer (1-60min) 	Run On Timer Easily Set from 1min to 60 min			

# 100MM EC VARIABLE SPEED INLINE FAN 35W

## PERFORMANCE DATA



### AIRFLOW VS PRESSURE



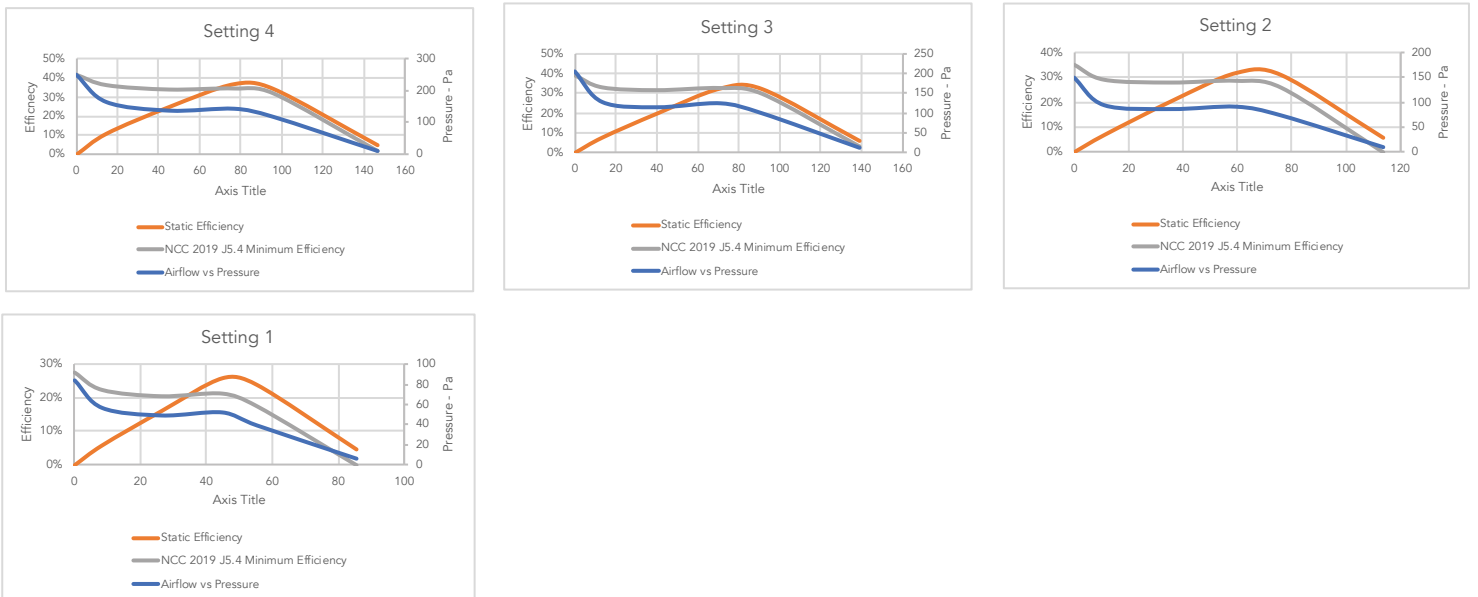
### FAN DATA

Product Code	Description	Diameter (mm)	Setting	Max Airflow (L/S)	Max Pressure (PA)	Current (amps) @240V	Noise (dBA) @3m	Peak Efficiency (%)	Power (W)	Dimensions (cm)
ECIF35-100	35 Watt EC Variable Speed Inline Fan	150	4	146	250	0.31	37	37	35	21.2 x 32.0 x 20.0
			3	139	204	0.24	32		30	
			2	114	149	0.17	26		20	
			1	85	84	0.09	18		10	

### NOISE DATA

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	37

### EFFICIENCY DATA



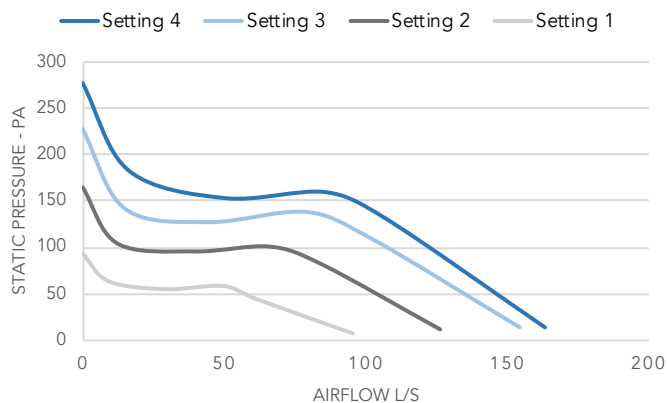
Fan airflow performance is tested according to ISO 5801:2007. Fan sound power level tested according to BS EN ISO 05136-2009. Efficiency according to NCC 2019 J5.4.

# 150MM EC VARIABLE SPEED INLINE FAN 40W

## PERFORMANCE DATA



### AIRFLOW VS PRESSURE



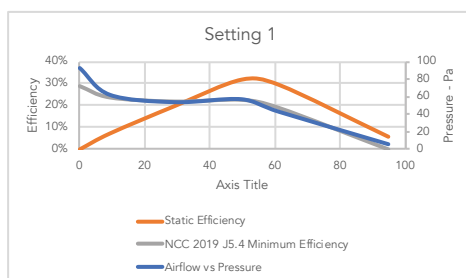
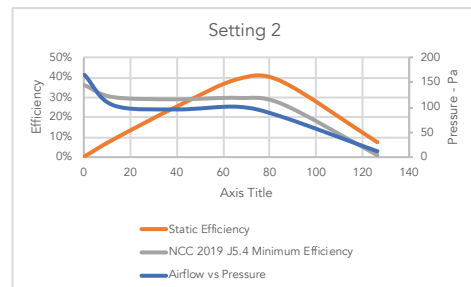
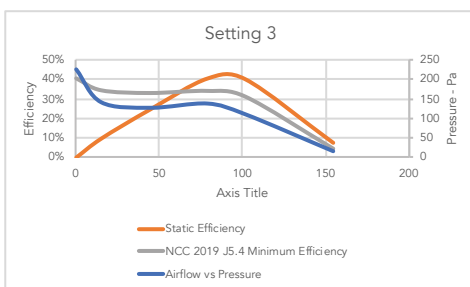
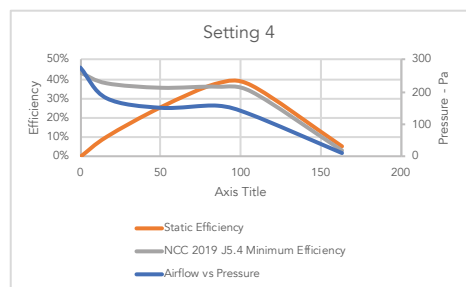
## FAN DATA

Product Code	Description	Diameter (mm)	Setting	Max Airflow (L/S)	Max Pressure (PA)	Current (amps) @240V	Noise (dBA) @3m	Peak Efficiency (%)	Power (W)	Dimensions (cm)
ECIF40-150	40 Watt EC Variable Speed Inline Fan	150	4	163	277	0.32	38	40	40	21.2 x 32.0 x 20.0
			3	155	227	0.24	31		30	
			2	126	166	0.17	25		20	
			1	95	93	0.09	19		10	

## NOISE DATA

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

## EFFICIENCY DATA



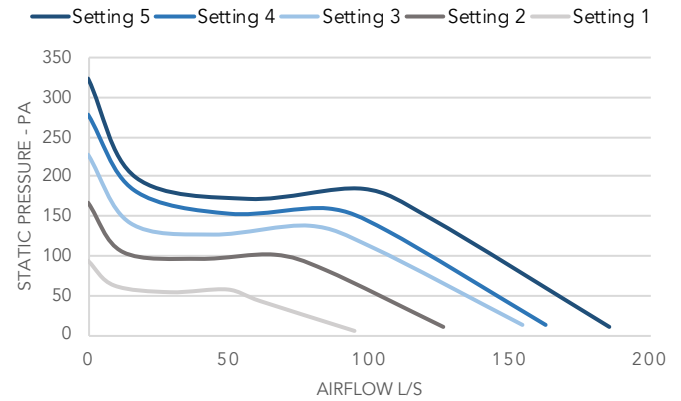
Fan airflow performance is tested according to ISO 5801:2007. Fan sound power level tested according to BS EN ISO 05136-2009. Efficiency according to NCC 2019 J5.4.

# 150MM EC VARIABLE SPEED INLINE FAN 50W

## PERFORMANCE DATA



### AIRFLOW VS PRESSURE



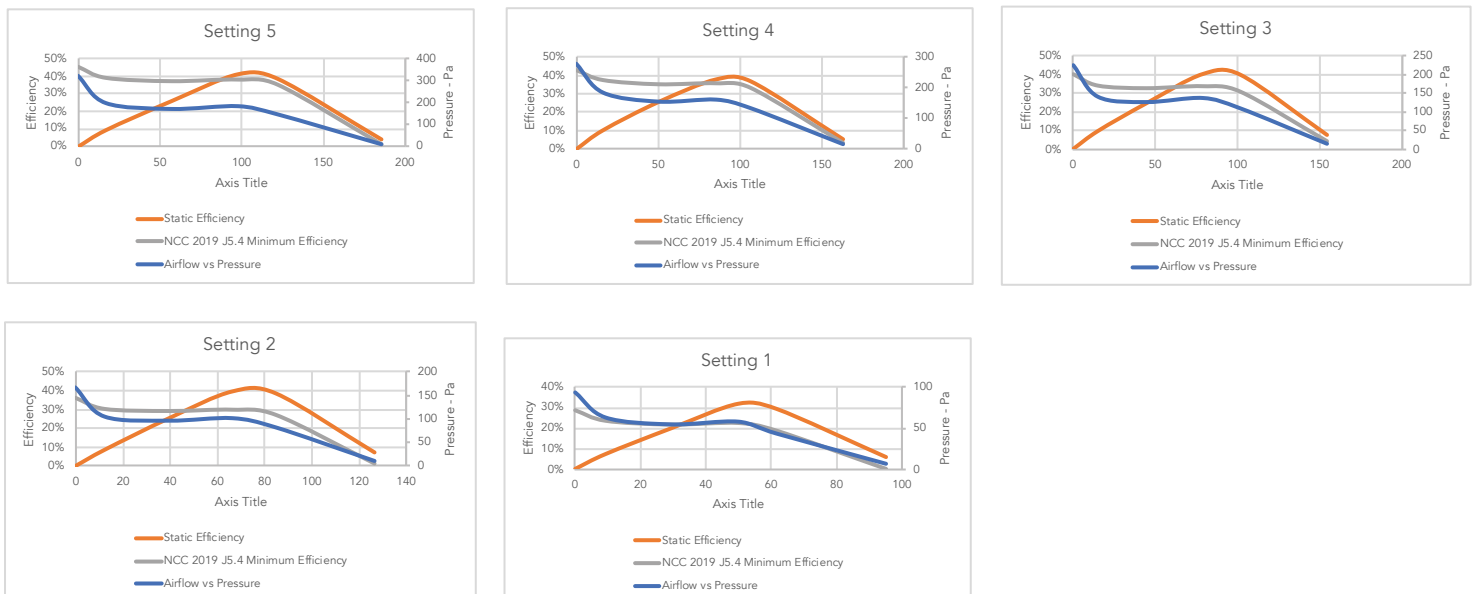
### FAN DATA

Product Code	Description	Diameter (mm)	Setting	Max Airflow (L/S)	Max Pressure (PA)	Current (amps) @240V	Noise (dBA) @3m	Peak Efficiency (%)	Power (W)	Dimesions (cm)
ECIF50-150	50 Watt EC Variable Speed Inline Fan	150	5	186	324	0.4	41	41	50	21.2 x 32.0 x 20.0
			4	163	277	0.32	38		40	
			3	155	227	0.24	31		30	
			2	126	166	0.17	25		20	
			1	95	93	0.09	19		10	

### NOISE DATA

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

### EFFICIENCY DATA



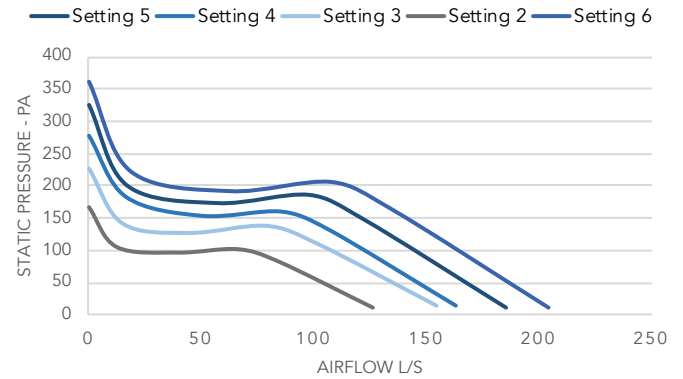
Fan airflow performance is tested according to ISO 5801:2007. Fan sound power level tested according to BS EN ISO 05136-2009. Efficiency according to NCC 2019 J5.4.

# 150MM EC VARIABLE SPEED INLINE FAN 60W

## PERFORMANCE DATA



### AIRFLOW VS PRESSURE



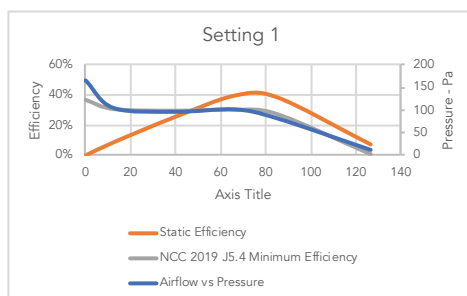
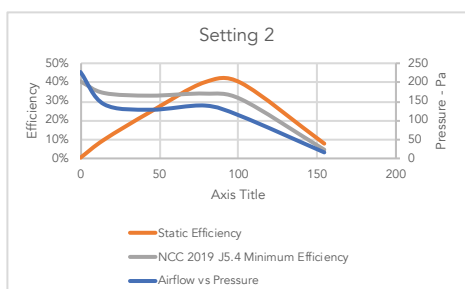
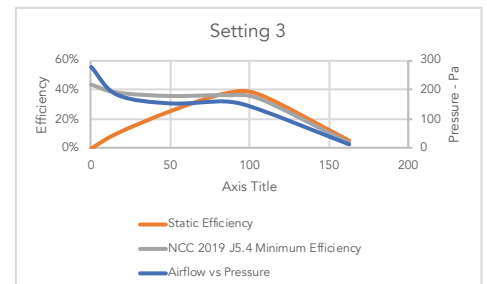
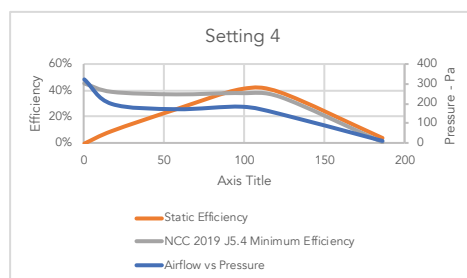
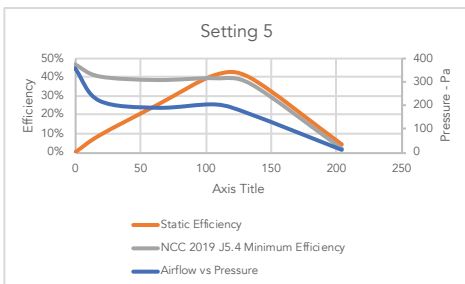
### FAN DATA

Product Code	Description	Diameter (mm)	Setting	Max Airflow (L/S)	Max Pressure (PA)	Current (amps) @240V	Noise (dBA) @3m	Peak Efficiency (%)	Power (W)	Dimensions (cm)
ECIF60-150	60 Watt EC Variable Speed Inline Fan	150	5	204	360	0.49	44	41	60	21.2 x 32.0 x 20.0
			4	185	324	0.4	41		50	
			3	163	277	0.32	38		40	
			2	155	227	0.24	31		30	
			1	126	166	0.17	25		20	

### NOISE DATA

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

### EFFICIENCY DATA



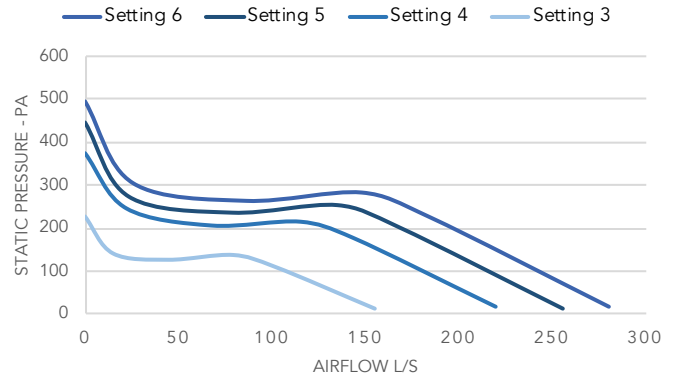
Fan airflow performance is tested according to ISO 5801:2007. Fan sound power level tested according to BS EN ISO 05136-2009. Efficiency according to NCC 2019 J5.4.

# 200MM EC VARIABLE SPEED INLINE FAN 120W

## PERFORMANCE DATA



### AIRFLOW VS PRESSURE



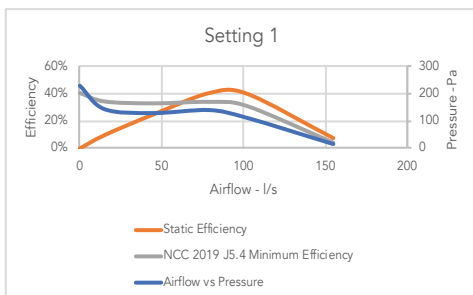
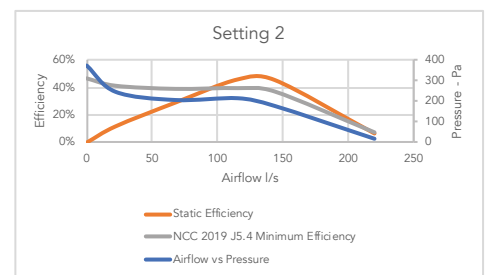
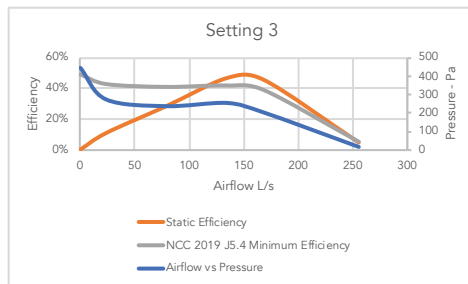
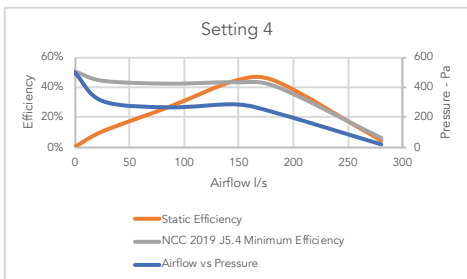
### FAN DATA

Product Code	Description	Diameter (mm)	Setting	Max Airflow (L/S)	Max Pressure (PA)	Current (amps) @240V	Noise (dBA) @3m	Peak Efficiency (%)	Power (W)	Dimensions (cm)
ECIF120-200	120 Watt EC Variable Speed Inline Fan	200	4	280	495	0.78	47	46	120	23.3 x 33.0 x 25.1
			3	255	446	0.685	46		90	
			2	220	375	0.49	43		60	
			1	155	227	0.24	36		30	

### NOISE DATA

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

### EFFICIENCY DATA



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.

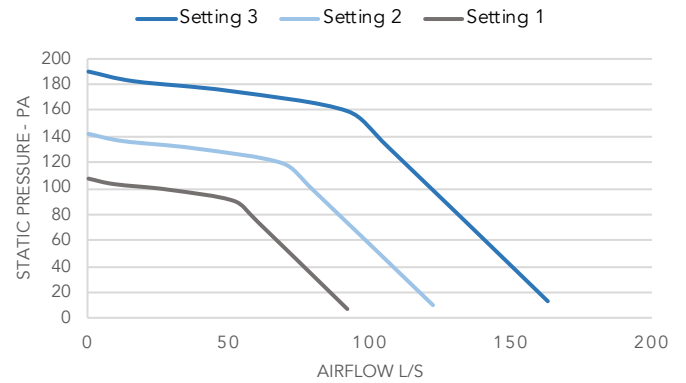


# 150MM EC HEADERBOX FAN FAN 45W

## PERFORMANCE DATA



### AIRFLOW VS PRESSURE



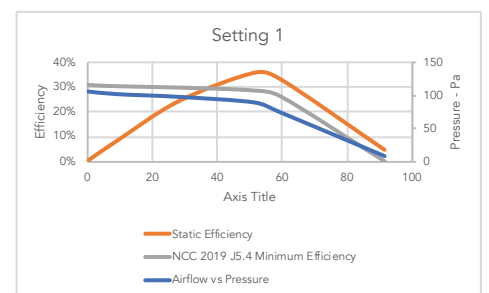
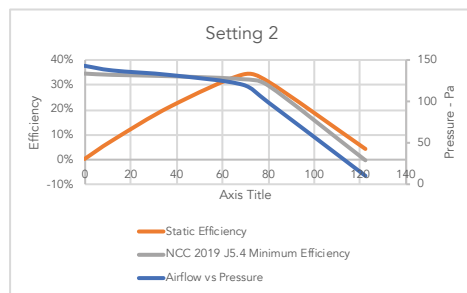
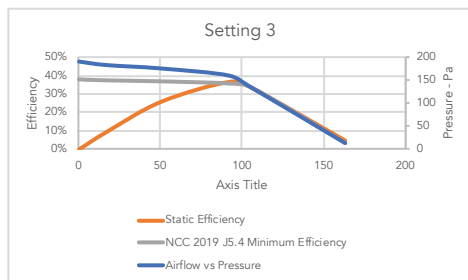
### FAN DATA

Product Code	Description	Diameter (mm)	Setting	Max Airflow (L/S)	Max Pressure (PA)	Current (amps) @240V	Noise (dBA) @3m	Peak Efficiency (%)	Power (W)	Dimensions (cm)
ECHB45-150	45 Watt EC Variable Speed	150	3	90	130	0.3	39	37	45	18.7 (H) x
			2	66	98	0.25	27		30	33.0 (W) x
			1	50	73	0.16	16		15	38.0 (L)

### NOISE DATA

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	Total Sound Power Level Lw dB(A) @3m
Inlet Sound Power Level Lw (dB)	59	66	58	55	51	44	40	46	39

### EFFICIENCY DATA



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.

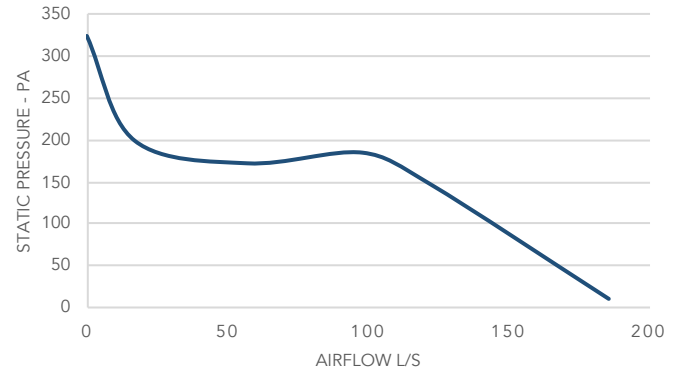


# 150MM AC MIXED FLOW INLINE FAN 50W

## PERFORMANCE DATA



### AIRFLOW VS PRESSURE



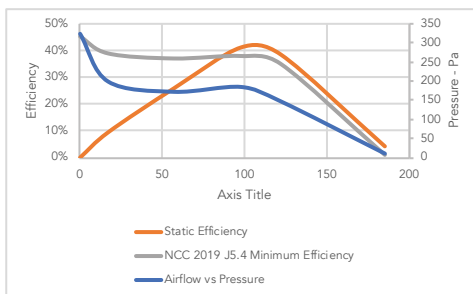
## FAN DATA

Product Code	Description	Diameter (mm)	Setting	Max Airflow (L/S)	Max Pressure (PA)	Current (amps) @240V	Noise (dBA) @3m	Peak Efficiency (%)	Power (W)	Dimensions (cm)
ACIF50-150	50 Watt AC Mixed Flow Inline Fan	150	N/A	186	324	0.4	41	41	50	21.2 x 32.0 x 20.0

## NOISE DATA

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

## EFFICIENCY DATA



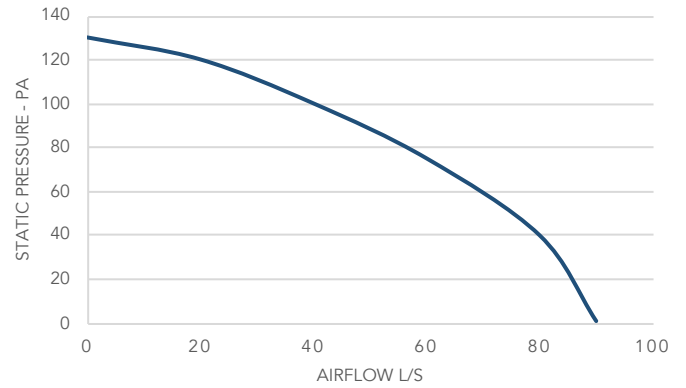
Fan airflow performance is tested according to ISO 5801:2007. Fan sound power level tested according to BS EN ISO 05136-2009. Efficiency according to NCC 2019 J5.4.

# 150MM AC HEADERBOX FAN 35W

## PERFORMANCE DATA



### AIRFLOW VS PRESSURE



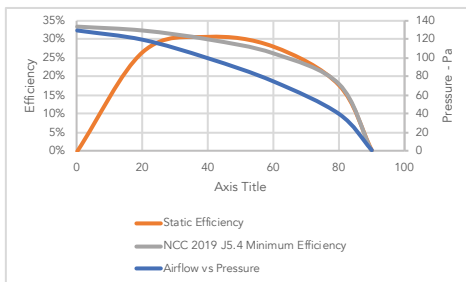
### FAN DATA

Product Code	Description	Diameter (mm)	Setting	Max Airflow (L/S)	Max Pressure (PA)	Current (amps) @240V	Noise (dBA) @3m	Peak Efficiency (%)	Power (W)	Dimensions (cm)
HBAC35-150	35 Watt AC Headerbox Fan	150	N/A	72	104	0.26	38	31	35	19.5 (H) x 32.0 (W) x 36.0 (L)

### NOISE DATA

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	Total Sound Power Level Lw dB(A) @3m
Inlet Sound Power Level Lw (dB)	46	50	53	55	55	53	50	43	38

### EFFICIENCY DATA



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.