

# EuroSeries<sup>®</sup> (ESC)

- External rotor motors
- Die cast aluminium impellers
- Fully speed controllable
- Air Volumes up to 13.89m<sup>3</sup>/s
- Sizes 250 to 1000 protected to IP54
- Operating Temperatures from -40°C up to +70°C
- Motor Insulation Class F
- HOT SPOT Protection
- Reversible for supply or extract
- Tough epoxy paint finish
- Quality Assurance to BS EN ISO 9001:1994
- Performance tested to BS848 Part 1 1980



The EuroSeries<sup>®</sup> ESC Short Cased axial blade fans, feature a single shot die cast aluminium blade & external rotor motor design.

The EuroSeries<sup>®</sup> ESC range is available in eleven sizes with the extract performances up to 13.89m<sup>3</sup>/s, with pressure characteristics of up to 300Pa. All units are designed for & fully speed controllable.

## Impellers

All sizes are supplied with cast aluminium impellers, ensuring performance when working against outdoor conditions and abrasive airflow.

## Motors

External rotor motors are specially designed and styled for this range of fan. Ball bearings are greased for life. Rotors are dynamically balanced to ISO 1940. Sizes 250-1000mm, motors are protected to IP54, against dust and moisture complying with BS EN 60529:1992. They are ribbed aluminium body castings for efficient cooling. Motor insulation is Class 'F' (from -40°C to +70°C).

## Electrical

Single phase 220-240V 50Hz. Capacitor start and run. Three phase 380-415V 50Hz. An IP54 terminal box are supplied with most models with 20mm and PG11 entry. All motors are fitted with thermal overload Protection which should be wired into all controller circuits and into starter contactors. Models are available with either 2,4, 6 & 8 pole motors.

## Terminal Box

Terminal Box to IP54 as standard, protected against dust and water from any angle allowing outside applications.

## Performance

The fan performance is in accordance with tests to BS848 Part 1 1980.

## Sound Levels

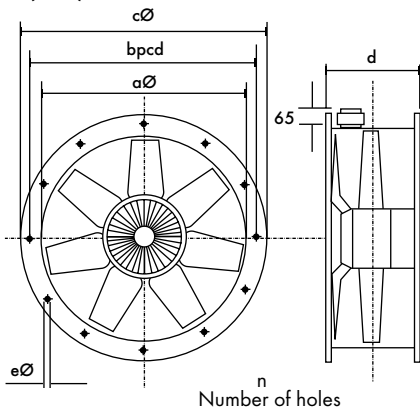
Fan sound levels, measured in a reverberant chamber in accordance with BS848 Part 2 1985. Published dB(A) figures are free field sound pressure levels at 3m with spherical propagation at a reference level of  $2 \times 10^{-5}$  Pa (20 micro-Pascal). The sound power level spectra figures are dB with reference level of  $10^{-12}$  Watts (1 pico-watt). To ensure minimum noise levels during speed control, an auto transformer speed control is recommended.

## Accessories

A full range of accessories:

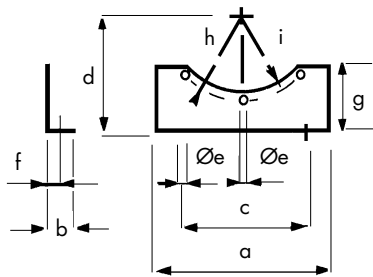
- Electronic Speed Controllers
- Auto Transformer Speed Controllers
- D.O.L. Starters & Overloads
- Ancillary Packs (comprising:- 4 AVM's, 2 mounting feet, 2 matching flanges, 2 flexible connectors + clips)
- Wire Guards
- Attenuators
- Mounting Feet
- Matching Flanges
- Anti Vibration Mounts
- Louvre Shutters

### Dimensions (mm)



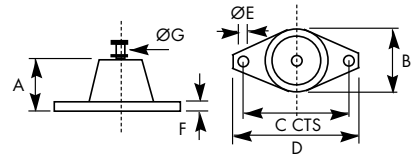
| Dia  | ∅a    | ∅b   | ∅c   | d   | ∅e   | n  | kg   |
|------|-------|------|------|-----|------|----|------|
| 250  | 254   | 286  | 306  | 110 | 7    | 8  | 5    |
| 315  | 316.5 | 356  | 382  | 135 | 9.5  | 8  | 6.1  |
| 355  | 356   | 395  | 421  | 135 | 9.5  | 8  | 7.1  |
| 400  | 400   | 438  | 466  | 155 | 9.5  | 12 | 8.1  |
| 450  | 451   | 487  | 515  | 160 | 9.5  | 12 | 13.4 |
| 500  | 503   | 541  | 567  | 166 | 9.5  | 12 | 15.7 |
| 560  | 559   | 605  | 635  | 210 | 11.5 | 16 | 20.1 |
| 630  | 634   | 674  | 707  | 220 | 11.5 | 16 | 44   |
| 710  | 711   | 751  | 785  | 260 | 11.5 | 16 | 31   |
| 800  | 797   | 837  | 871  | 280 | 11.5 | 24 | 39   |
| 1000 | 1001  | 1043 | 1080 | 330 | 11.5 | 24 | 73   |

### Mounting Feet



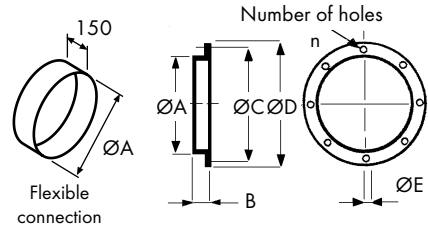
| Stock Ref | a   | b  | c   | d   | ∅e | f  | g    | h   | i   |
|-----------|-----|----|-----|-----|----|----|------|-----|-----|
| MFZ315    | 315 | 40 | 265 | 200 | 10 | 20 | 71   | 178 | 166 |
| MFZ355    | 350 | 40 | 300 | 225 | 10 | 20 | 81.5 | 198 | 186 |
| MFZ400    | 250 | 40 | 220 | 250 | 10 | 20 | 78   | 219 | 205 |
| MFZ450    | 275 | 40 | 240 | 275 | 10 | 20 | 82   | 244 | 230 |
| MFZ500    | 315 | 50 | 280 | 315 | 1  | 25 | 100  | 271 | 255 |
| MFZ560    | 355 | 50 | 320 | 355 | 12 | 25 | 97   | 303 | 285 |
| MFZ630    | 400 | 50 | 360 | 400 | 12 | 25 | 109  | 337 | 320 |
| MFZ710    | 465 | 50 | 415 | 450 | 12 | 25 | 119  | 376 | 362 |
| MFZ800    | 458 | 50 | 420 | 518 | 12 | 25 | 176  | 419 | 405 |

### Anti Vibration Mountings

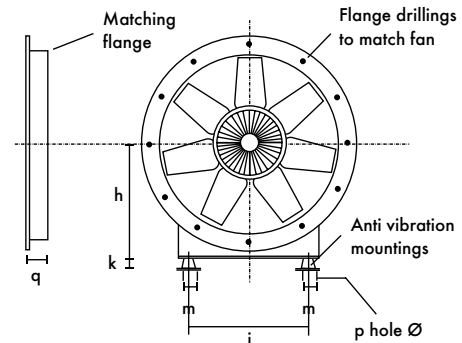


| Stock Ref | A  | B  | C  | D  | ∅E | F | ∅G |
|-----------|----|----|----|----|----|---|----|
| 68MP033G  | 27 | 37 | 54 | 67 | 7  | 3 | M8 |

### Coupling Flanges

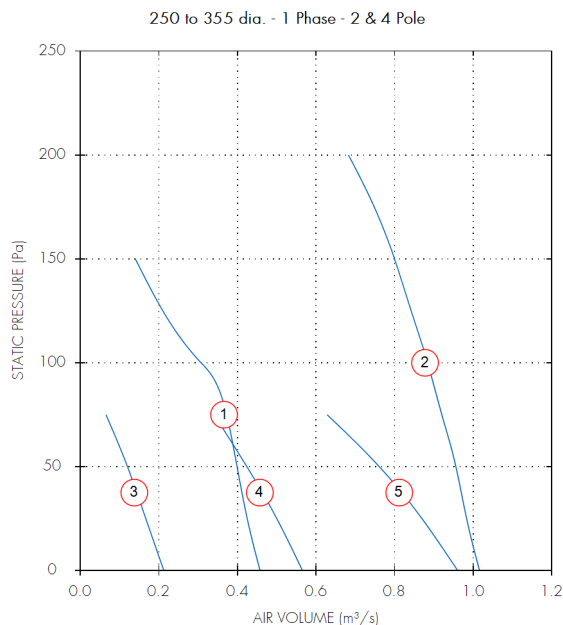


| Stock Ref | ∅A  | B  | ∅C  | ∅D  | ∅E | n  | Connection |
|-----------|-----|----|-----|-----|----|----|------------|
| CFZ315    | 313 | 40 | 356 | 382 | 10 | 8  | FCZ315     |
| CFZ355    | 353 | 40 | 395 | 421 | 10 | 8  | FCZ355     |
| CFZ400    | 398 | 45 | 438 | 466 | 10 | 12 | FCZ400     |
| CFZ450    | 448 | 45 | 487 | 515 | 10 | 12 | FCZ450     |
| CFZ500    | 498 | 45 | 541 | 567 | 10 | 12 | FCZ500     |
| CFZ560    | 558 | 45 | 605 | 635 | 12 | 16 | FCZ560     |
| CFZ630    | 628 | 45 | 674 | 707 | 12 | 16 | FCZ630     |
| CFZ710    | 708 | 50 | 751 | 785 | 12 | 16 | FCZ710     |
| CFZ800    | 798 | 50 | 837 | 871 | 12 | 24 | FCZ800     |



| Unit size | h   | i   | k† | m  | p∅ | q  |
|-----------|-----|-----|----|----|----|----|
| 315       | 200 | 265 | 27 | 54 | 7  | 40 |
| 355       | 225 | 300 | 27 | 54 | 7  | 40 |
| 400       | 250 | 220 | 27 | 54 | 7  | 45 |
| 450       | 275 | 240 | 27 | 54 | 7  | 45 |
| 500       | 315 | 280 | 27 | 54 | 7  | 45 |
| 560       | 355 | 320 | 27 | 54 | 7  | 45 |
| 630       | 400 | 360 | 27 | 54 | 7  | 45 |
| 710       | 450 | 415 | 27 | 54 | 7  | 50 |
| 800       | 518 | 420 | 27 | 54 | 7  | 50 |

## Performance Guide



| Dia. | Motor Phase | Stock Ref | Poles | r.p.m | IP Rating | Curve Ref. | m <sup>3</sup> /s @ Pa |      |      |      |      | Motor kW | S.C. Amps | F.L.C Amps | dB(A) @ 3m |
|------|-------------|-----------|-------|-------|-----------|------------|------------------------|------|------|------|------|----------|-----------|------------|------------|
|      |             |           |       |       |           |            | 0                      | 50   | 100  | 150  | 200  |          |           |            |            |
| 250  | 1           | ESC25012  | 2     | 2440  | IP44      | 1          | 0.46                   | 0.4  | 0.31 | 0.14 |      | 0.12     | 1.15      | 0.54       | 59         |
| 315  | 1           | ESC31512  | 2     | 2690  | IP54      | 2          | 1.02                   | 0.96 | 0.88 | 0.8  | 0.68 | 0.56     | 7.2       | 2.4        | 64         |
| 250  | 1           | ESC25014  | 4     | 1340  | IP44      | 3          | 0.21                   | 0.12 |      |      |      | 0.04     | 0.3       | 0.16       | 44         |
| 315  | 1           | ESC31514  | 4     | 1300  | IP54      | 4          | 0.57                   | 0.42 |      |      |      | 0.15     | 1.38      | 0.7        | 50         |
| 355  | 1           | ESC35514  | 4     | 1330  | IP54      | 5          | 0.96                   | 0.76 |      |      |      | 0.19     | 1.45      | 0.84       | 53         |

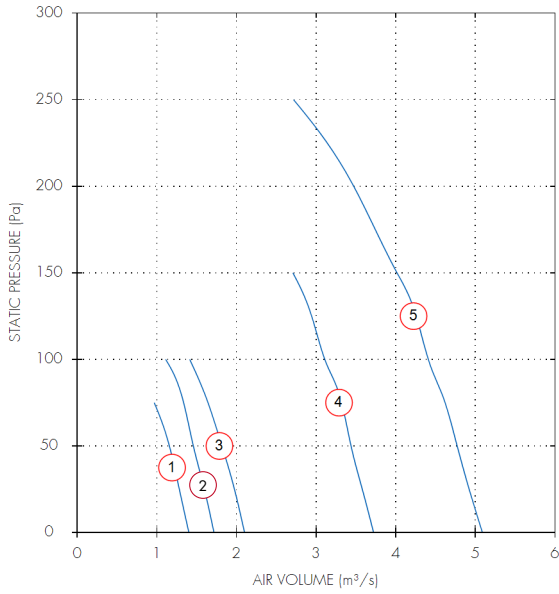
For Fans wired to reverse run, duty reduced by 30%  
 ESC25012, ESC31512 and ESC25014 not suitable for reverse airflow

## Sound Power Level Spectra dB (ref 10<sup>-12</sup> Watts)

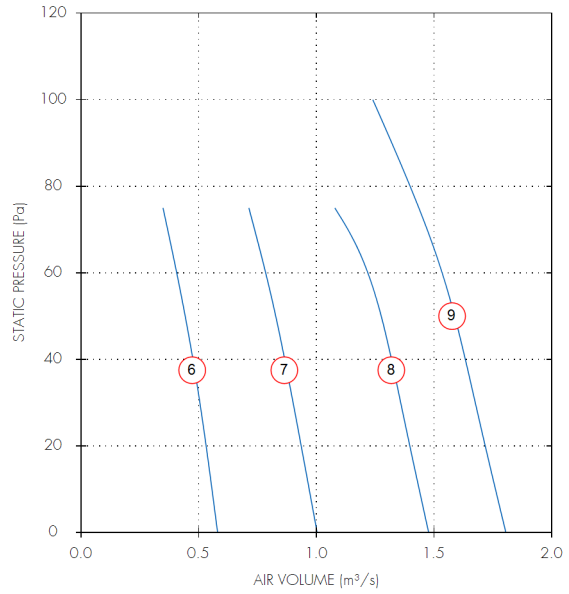
| Dia. | Motor Phase | Stock Ref | Poles | Spectrum | dB(A) @ 3m |     |     |     |    |    |    |    |    |
|------|-------------|-----------|-------|----------|------------|-----|-----|-----|----|----|----|----|----|
|      |             |           |       |          | 63         | 125 | 250 | 500 | 1k | 2k | 4k | 8k |    |
| 250  | 1           | ESC25012  | 2     | Inlet    | 69         | 70  | 76  | 76  | 70 | 70 | 67 | 59 | 57 |
| 250  | 1           | ESC25012  | 2     | Outlet   | 69         | 70  | 76  | 76  | 70 | 70 | 67 | 59 | 57 |
| 315  | 1           | ESC31512  | 2     | Inlet    | 69         | 73  | 79  | 74  | 74 | 76 | 73 | 66 | 61 |
| 315  | 1           | ESC31512  | 2     | Outlet   | 69         | 73  | 79  | 74  | 74 | 76 | 73 | 66 | 61 |
| 250  | 1           | ESC25014  | 4     | Inlet    | 70         | 72  | 63  | 58  | 54 | 52 | 45 | 35 | 41 |
| 250  | 1           | ESC25014  | 4     | Outlet   | 70         | 72  | 63  | 58  | 54 | 52 | 45 | 35 | 41 |
| 315  | 1           | ESC31514  | 4     | Inlet    | 70         | 68  | 66  | 61  | 60 | 62 | 58 | 51 | 47 |
| 315  | 1           | ESC31514  | 4     | Outlet   | 70         | 68  | 66  | 61  | 60 | 62 | 58 | 51 | 47 |
| 355  | 1           | ESC35514  | 4     | Inlet    | 65         | 70  | 67  | 65  | 64 | 64 | 62 | 55 | 50 |
| 355  | 1           | ESC35514  | 4     | Outlet   | 65         | 70  | 67  | 65  | 64 | 64 | 62 | 55 | 50 |

# Performance Guide

400 to 630 dia. - 1 Phase - 4 Pole



315 to 450 dia. - 3 Phase - 4 Pole



| Dia. | Motor Phase | Stock Ref | Poles | r.p.m | IP Rating | Curve Ref. | m³/s @ Pa |      |      |      |      | Motor kW | S.C. Amps | F.L.C Amps | dB(A) @ 3m |     |
|------|-------------|-----------|-------|-------|-----------|------------|-----------|------|------|------|------|----------|-----------|------------|------------|-----|
|      |             |           |       |       |           |            | 0         | 50   | 100  | 150  | 200  |          |           |            |            | 250 |
| 400  | 1           | ESC40014  | 4     | 1350  | IP54      | 1          | 1.4       | 1.16 |      |      |      |          | 0.29      | 2.4        | 1.45       | 56  |
| 450  | 1           | ESC45014  | 4     | 1370  | IP54      | 2          | 1.72      | 1.46 | 1.11 |      |      |          | 0.36      | 3.6        | 1.6        | 61  |
| 500  | 1           | ESC50014  | 4     | 1290  | IP54      | 3          | 2.1       | 1.82 | 1.41 |      |      |          | 0.51      | 4.3        | 2.3        | 55  |
| 560  | 1           | ESC56014  | 4     | 1320  | IP54      | 4          | 3.72      | 3.44 | 3.11 | 2.71 |      |          | 1.4       | 9.3        | 6          | 63  |
| 630  | 1           | ESC63014  | 4     | 1320  | IP54      | 5          | 5.09      | 4.77 | 4.41 | 4.02 | 3.47 | 2.72     | 2.2       | 28         | 9.9        | 70  |
| 315  | 3           | ESC31534  | 4     | 1390  | IP54      | 6          | 0.58      | 0.44 |      |      |      |          | 0.11      | 2.1        | 0.27       | 46  |
| 355  | 3           | ESC35534  | 4     | 1370  | IP54      | 7          | 1         | 0.83 |      |      |      |          | 0.17      | 1.35       | 0.37       | 49  |
| 400  | 3           | ESC40034  | 4     | 1350  | IP54      | 8          | 1.48      | 1.27 |      |      |      |          | 0.26      | 2.1        | 0.56       | 51  |
| 450  | 3           | ESC45034  | 4     | 1380  | IP54      | 9          | 1.8       | 1.59 | 1.24 |      |      |          | 0.36      | 2.6        | 0.8        | 56  |

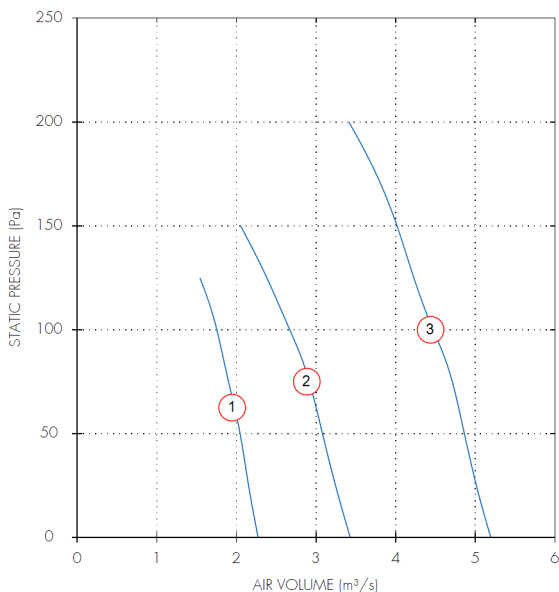
For Fans wired to reverse run, duty reduced by 30%

## Sound Power Level Spectra dB (ref 10<sup>-12</sup> Watts)

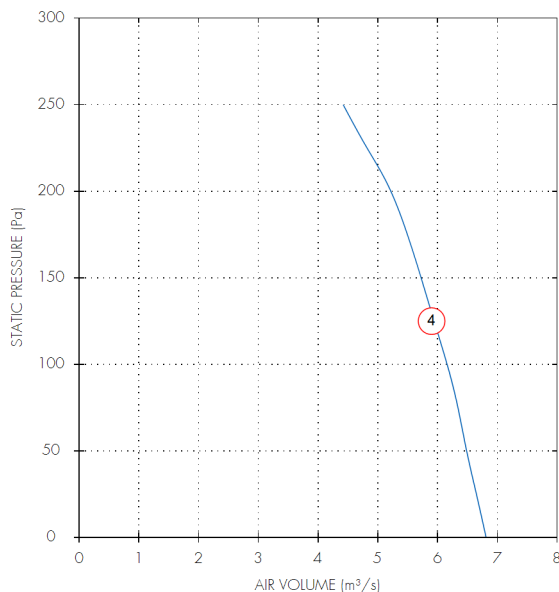
| Dia. | Motor Phase | Stock Ref | Poles | Spectrum | dB  |     |     |     |    |    |    |    | dB(A) @ 3m |
|------|-------------|-----------|-------|----------|-----|-----|-----|-----|----|----|----|----|------------|
|      |             |           |       |          | 63  | 125 | 250 | 500 | 1k | 2k | 4k | 8k |            |
| 400  | 1           | ESC40014  | 4     | Inlet    | 70  | 72  | 67  | 66  | 65 | 65 | 64 | 56 | 51         |
| 400  | 1           | ESC40014  | 4     | Outlet   | 70  | 72  | 67  | 66  | 65 | 65 | 64 | 56 | 51         |
| 450  | 1           | ESC45014  | 4     | Inlet    | 69  | 76  | 73  | 72  | 70 | 71 | 70 | 62 | 57         |
| 450  | 1           | ESC45014  | 4     | Outlet   | 69  | 76  | 73  | 72  | 70 | 71 | 70 | 62 | 57         |
| 500  | 1           | ESC50014  | 4     | Inlet    | 65  | 75  | 69  | 70  | 70 | 71 | 69 | 62 | 56         |
| 500  | 1           | ESC50014  | 4     | Outlet   | 65  | 75  | 69  | 70  | 70 | 71 | 69 | 62 | 56         |
| 560  | 1           | ESC56014  | 4     | Inlet    | 100 | 90  | 89  | 84  | 82 | 79 | 75 | 68 | 67         |
| 560  | 1           | ESC56014  | 4     | Outlet   | 100 | 90  | 89  | 84  | 82 | 79 | 75 | 68 | 67         |
| 630  | 1           | ESC63014  | 4     | Inlet    | 82  | 86  | 79  | 79  | 80 | 78 | 75 | 70 | 64         |
| 630  | 1           | ESC63014  | 4     | Outlet   | 82  | 86  | 79  | 79  | 80 | 78 | 75 | 70 | 64         |
| 315  | 3           | ESC31534  | 4     | Inlet    | 64  | 67  | 69  | 63  | 62 | 60 | 58 | 53 | 47         |
| 315  | 3           | ESC31534  | 4     | Outlet   | 64  | 67  | 69  | 63  | 62 | 60 | 58 | 53 | 47         |
| 355  | 3           | ESC35534  | 4     | Inlet    | 58  | 73  | 63  | 64  | 64 | 65 | 64 | 58 | 50         |
| 355  | 3           | ESC35534  | 4     | Outlet   | 58  | 73  | 63  | 64  | 64 | 65 | 64 | 58 | 50         |
| 400  | 3           | ESC40034  | 4     | Inlet    | 62  | 73  | 65  | 65  | 67 | 69 | 67 | 60 | 53         |
| 400  | 3           | ESC40034  | 4     | Outlet   | 62  | 73  | 65  | 65  | 67 | 69 | 67 | 60 | 53         |
| 450  | 3           | ESC45034  | 4     | Inlet    | 65  | 82  | 75  | 76  | 73 | 72 | 69 | 62 | 58         |
| 450  | 3           | ESC45034  | 4     | Outlet   | 65  | 82  | 75  | 76  | 73 | 72 | 69 | 62 | 58         |

# Performance Guide

500 to 630 dia. - 3 Phase - 4 Pole



710 dia. - 3 Phase - 4 Pole



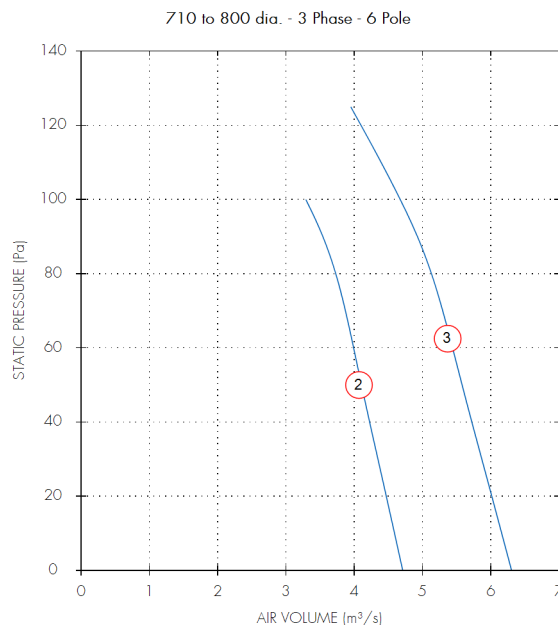
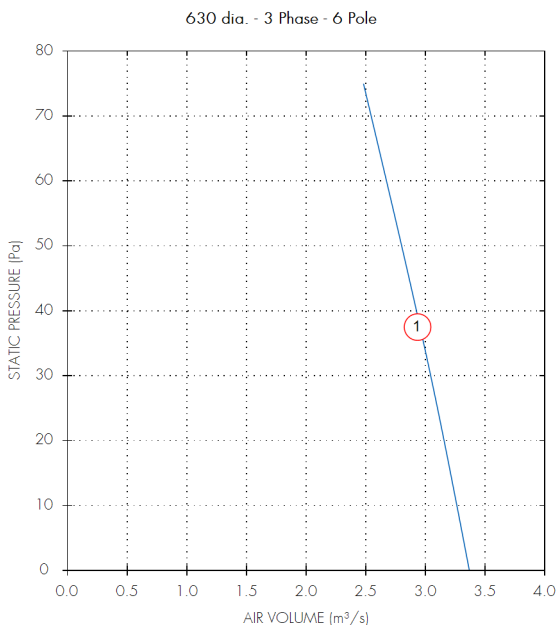
| Dia. | Motor Phase | Stock Ref | Poles | r.p.m | IP Rating | Curve Ref. | m³/s @ Pa |      |      |      |      | Motor kW | S.C. Amps | F.L.C Amps | dB(A) @ 3m |
|------|-------------|-----------|-------|-------|-----------|------------|-----------|------|------|------|------|----------|-----------|------------|------------|
|      |             |           |       |       |           |            | 0         | 50   | 100  | 150  | 200  |          |           |            |            |
| 500  | 3           | ESC50034  | 4     | 1380  | IP54      | 1          | 2.27      | 2.05 | 1.75 |      |      | 0.55     | 4.2       | 1.05       | 58         |
| 560  | 3           | ESC56034  | 4     | 1220  | IP54      | 2          | 3.43      | 3.08 | 2.67 | 2.05 |      | 1.25     | 7.7       | 2.2        | 70         |
| 630  | 3           | ESC63034  | 4     | 1360  | IP54      | 3          | 5.19      | 4.86 | 4.47 | 4.02 | 3.41 | 1.9      | 14        | 3.2        | 64         |
| 710  | 3           | ESC71034  | 4     | 1290  | IP54      | 4          | 6.81      | 6.49 | 6.16 | 5.72 | 5.22 | 2.9      | 19        | 5.3        | 72         |

For Fans wired to reverse run, duty reduced by 30%

## Sound Power Level Spectra dB (ref 10<sup>-12</sup> Watts)

| Dia. | Motor Phase | Stock Ref | Poles | Spectrum | dB(A) @ 3m |     |     |     |    |    |    |    |    |
|------|-------------|-----------|-------|----------|------------|-----|-----|-----|----|----|----|----|----|
|      |             |           |       |          | 63         | 125 | 250 | 500 | 1k | 2k | 4k | 8k |    |
| 500  | 3           | ESC50034  | 4     | Inlet    | 67         | 71  | 69  | 72  | 70 | 71 | 68 | 61 | 56 |
| 500  | 3           | ESC50034  | 4     | Outlet   | 67         | 71  | 69  | 72  | 70 | 71 | 68 | 61 | 56 |
| 560  | 3           | ESC56034  | 4     | Inlet    | 85         | 79  | 77  | 76  | 76 | 75 | 72 | 66 | 61 |
| 560  | 3           | ESC56034  | 4     | Outlet   | 85         | 79  | 77  | 76  | 76 | 75 | 72 | 66 | 61 |
| 630  | 3           | ESC63034  | 4     | Inlet    | 71         | 88  | 82  | 83  | 82 | 81 | 78 | 72 | 67 |
| 630  | 3           | ESC63034  | 4     | Outlet   | 71         | 88  | 82  | 83  | 82 | 81 | 78 | 72 | 67 |
| 710  | 3           | ESC71034  | 4     | Inlet    | 80         | 87  | 86  | 88  | 89 | 86 | 83 | 79 | 72 |
| 710  | 3           | ESC71034  | 4     | Outlet   | 80         | 87  | 86  | 88  | 89 | 86 | 83 | 79 | 72 |

# Performance Guide



| Dia. | Motor Phase | Stock Ref | Poles | r.p.m | IP Rating | Curve Ref. | m <sup>3</sup> /s @ Pa |      |      |      |      |      |     | Motor kW | S.C. Amps | F.L.C Amps | dB(A) @ 3m |
|------|-------------|-----------|-------|-------|-----------|------------|------------------------|------|------|------|------|------|-----|----------|-----------|------------|------------|
|      |             |           |       |       |           |            | 0                      | 25   | 50   | 75   | 100  | 125  |     |          |           |            |            |
| 630  | 3           | ESC63036  | 6     | 890   | IP54      | 1          | 3.37                   | 3.1  | 2.8  | 2.48 |      |      |     | 0.59     | 3.6       | 1.3        | 59         |
| 710  | 3           | ESC71036  | 6     | 860   | IP54      | 2          | 4.71                   | 4.41 | 4.11 | 3.8  | 3.29 |      | 1.1 | 7.7      | 2.2       | 62         |            |
| 800  | 3           | ESC80036  | 6     | 900   | IP54      | 3          | 6.3                    | 5.94 | 5.58 | 5.22 | 4.67 | 3.95 | 1.4 | 9.8      | 2.7       | 64         |            |

For Fans wired to reverse run, duty reduced by 30%

## Sound Power Level Spectra dB (ref 10<sup>-12</sup> Watts)

| Dia. | Motor Phase | Stock Ref | Poles | Spectrum | dB(A) @ 3m |     |     |     |    |    |    |    |    |
|------|-------------|-----------|-------|----------|------------|-----|-----|-----|----|----|----|----|----|
|      |             |           |       |          | 63         | 125 | 250 | 500 | 1k | 2k | 4k | 8k |    |
| 630  | 3           | ESC63036  | 6     | Inlet    | 67         | 78  | 76  | 74  | 73 | 72 | 77 | 59 | 60 |
| 630  | 3           | ESC63036  | 6     | Outlet   | 67         | 78  | 76  | 74  | 73 | 72 | 77 | 59 | 60 |
| 710  | 3           | ESC71036  | 6     | Inlet    | 80         | 77  | 78  | 75  | 76 | 75 | 70 | 64 | 60 |
| 710  | 3           | ESC71036  | 6     | Outlet   | 80         | 77  | 78  | 75  | 76 | 75 | 70 | 64 | 60 |
| 800  | 3           | ESC80036  | 6     | Inlet    | 75         | 75  | 73  | 71  | 72 | 70 | 64 | 57 | 56 |
| 800  | 3           | ESC80036  | 6     | Outlet   | 75         | 75  | 73  | 71  | 72 | 70 | 64 | 57 | 56 |

## Models & Accessories

| Fan<br>Stock Ref | Speed Controller        |                             |                      |                       | Fan<br>Stock Ref | Speed Controller            |  |
|------------------|-------------------------|-----------------------------|----------------------|-----------------------|------------------|-----------------------------|--|
|                  | Electronic<br>Stock Ref | Auto Transfor.<br>Stock Ref | Starter<br>Stock Ref | Overload<br>Stock Ref |                  | Auto Transfor.<br>Stock Ref |  |
| 1 Phase 2 Pole   |                         |                             |                      |                       | 3 Phase 4 Pole   |                             |  |
| ESC25012         | SC5001                  | SPM5020                     | 444744               | 444699                |                  |                             |  |
| ESC31512         | SC5030TK                | SPM5035                     | 444744               | 444701                | ESC31534         | RDTK10                      |  |
| 1 Phase 4 Pole   |                         |                             |                      |                       | ESC35534         | RDTK10                      |  |
| ESC25014         | SC5001                  | SPM5020                     | 444744               | 444696                | ESC40034         | RDTK10                      |  |
| ESC31514         | SC5001                  | SPM5020                     | 444744               | 444699                | ESC45034         | RDTK10                      |  |
| ESC35514         | SC5030TK                | SPM5020                     | 444744               | 444699                | ESC50034         | RDTK20                      |  |
| ESC40014         | SC5030TK                | SPM5020                     | 444744               | 444701                | ESC56034         | RDTK40                      |  |
| ESC45014         | SC5030TK                | SPM5035                     | 444744               | 444701                | ESC63034         | RDTK40                      |  |
| ESC50014         | SC5030TK                | SPM5035                     | 444744               | 444702                | ESC71034         | RDTK70                      |  |
| ESC56014         | SC5010TK                | SPM5075                     | 444744               | 444704                | 3 Phase 6 Pole   |                             |  |
| ESC63014         | -                       | -                           | 444744               | 444706                | ESC63036         | RDTK20                      |  |
|                  |                         |                             |                      |                       | ESC71036         | RDTK40                      |  |
|                  |                         |                             |                      |                       | ESC80036         | RDTK40                      |  |

\*Not suitable for voltage speed control. Inverter speed control with sine filters only.

| Size | 1D Long - No Pod | 1D Long - With Pod | 2D Long - No Pod | 2D Long - With Pod |
|------|------------------|--------------------|------------------|--------------------|
|      | Stock Ref        | Stock Ref          | Stock Ref        | Stock Ref          |
| 250  | ACZ2501D         | -                  | ACZ2502D         | -                  |
| 315  | ACZ3151D         | ACZ3151DP          | ACZ3152D         | ACZ3152DP          |
| 355  | ACZ3551D         | ACZ3551DP          | ACZ3552D         | ACZ3552DP          |
| 400  | ACZ4001D         | ACZ4001DP          | ACZ4002D         | ACZ4002DP          |
| 450  | ACZ4501D         | ACZ4501DP          | ACZ4502D         | ACZ4502DP          |
| 500  | ACZ5001D         | ACZ5001DP          | ACZ5002D         | ACZ5002DP          |
| 560  | ACZ5601D         | ACZ5601DP          | ACZ5602D         | ACZ5602DP          |
| 630  | ACZ6301D         | ACZ6301DP          | ACZ6302D         | ACZ6302DP          |
| 710  | ACZ7101D         | ACZ7101DP          | ACZ7102D         | ACZ7102DP          |
| 800  | ACZ8001D         | ACZ8001DP          | ACZ8002D         | ACZ8002DP          |

| Starter<br>Stock Ref | Overload<br>Stock Ref | Ancillary Packs<br>Stock Ref | Mounting Feet (pair)<br>Stock Ref | Matching Flanges (each)<br>Stock Ref | Wire Guards (each)<br>Stock Ref | Anti-Vibration Mounts<br>(set of 4)<br>Stock Ref |
|----------------------|-----------------------|------------------------------|-----------------------------------|--------------------------------------|---------------------------------|--|
| 444747               | 444699                | APZ250                       | MFZ250                            | CFZ250                               | WGZ250                          | 68MP033G   |
| 444747               | 444700                | APZ315                       | MFZ315                            | CFZ315                               | WGZ315                          | 68MP033G   |
|                      |                       | APZ250                       | MFZ250                            | CFZ250                               | WGZ250                          | 68MP033G   |
| 444747               | 444697                | APZ315                       | MFZ315                            | CFZ315                               | WGZ315                          | 68MP033G   |
| 444747               | 444698                | APZ355                       | MFZ355                            | CFZ355                               | WGZ355                          | 68MP033G   |
| 444747               | 444699                | APZ400                       | MFZ400                            | CFZ400                               | WGZ400                          | 68MP033G   |
| 444747               | 444699                | APZ450                       | MFZ450                            | CFZ450                               | WGZ450                          | 68MP033G   |
| 444747               | 444700                | APZ500                       | MFZ500                            | CFZ500                               | WGZ500                          | 68MP033G   |
| 444747               | 444701                | APZ560                       | MFZ560                            | CFZ560                               | WGZ560                          | 68MP033G   |
| 444747               | 444702                | APZ630                       | MFZ630                            | CFZ630                               | WGZ630                          | 68MP033G   |
| 444747               | 444703                | APZ710                       | MFZ710                            | CFZ710                               | WGZ710                          | 68MP033G   |

- Note:
- The Standard roof cowl colour is BS 00A 05 (Goose Wing Grey) for all special B.S. or RAL colours contact Vent-Axia.
  - When speed control is required a 5 step auto transformer speed controller is recommended, to ensure low noise levels.
  - All 3 phase models are suitable for frequency inverter speed control.
  - Vent-Axia only recommends using inverters with integral sine filters for reliable operation.