# VCAP

## Single inlet centrifugal fan, forward curved blades with direct drive, clean air

| | |
|---|---|
| **Product** | VCAP |
| **Construction** | Welded steel sheet |
| **Versions** | Bearing cooling fan (VE): TMAX= 100 °C.<br>ATEX version |

FAN

Single inlet centrifugal fan, forward curved blades with direct drive, suitable
for the extraction of clean air, vapours, and where large air volumes are moved at low pressures.
Operating range at high flow rates, low pressures.
Forward curved blade impellers in welded galvanized steel sheet.
Statically and dynamically balanced according to ISO standards, keep to minimum levels
noise and vibrations.
Orientations: VCAP series fans allow 16 orientation positions (8 clockwise RD and 8 counterclockwise LG) defined looking at the fan from the motor side.

FEATURES

Robust construction entirely in thick welded steel sheet, coated with epoxy powder paint in grey RAL 7032 and/or blue RAL 5015.
Intake air conditions T=15 °C, p=760 mm Hg.
Mounting intended on support base.
Possibility to request an additional pedestal fixed to the suction inlet to increase the machine's rigidity.

MOTOR

Three-phase asynchronous with squirrel cage rotor, class IE3, in 230/400 V execution (for power ratings up to 4 kW), 400/690 V (for power ratings above 4 kW), B3 frame, IP55 protection, according to UNELMEC standards. Installed with 2, 4 or 6 poles depending on the required pressure, or with dual polarity for two-speed versions.
The power ratings shown in the performance tables have been sized taking into account the machine efficiency and an additional safety margin to compensate for any system anomalies.
Minimum fluid temperature: -25 °C.
Maximum fluid temperature: +60 °C in standard version.

## APPLICATIONS

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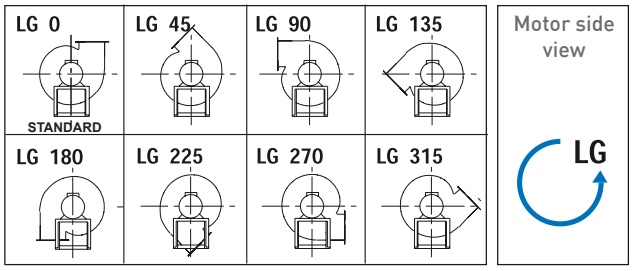
## TECHNICAL FEATURES - OPERATING RANGE

| | | |
|---|---|---|
| Operating range | Flow rate ($m^3/h$) | From 540 to 19,000 |
| | Pressure (Pa) | From 270 to 2,000 |
| Min. impeller diameter | mm | 200 |
| Max. impeller diameter | mm | 500 |
| Motor | Volt (±10%)/Hz | 230/50 M – 230-400/50 T – 400-690/50 T |
| | Poles | 4-6 |
| | IP | 55 |
| Fluid temp min. limit | °C | -25 |
| Fluid max. temp limit | °C | +60 |

## ORIENTATIONS

STANDARD orientation LG 0

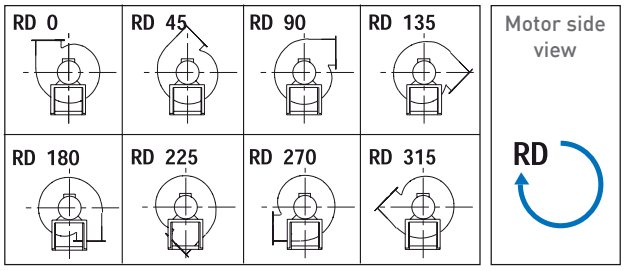



Dimensions

H = LG 0 - LG 45 - LG 90 - LG 135

H1 = LG 180 - LG 225

H2 = LG 270 - LG 315




Dimensions

H = RD 0 - RD 45 - RD 90 - RD 135

H1 = RD 180 - RD 225

H2 = RD 270 - RD 315

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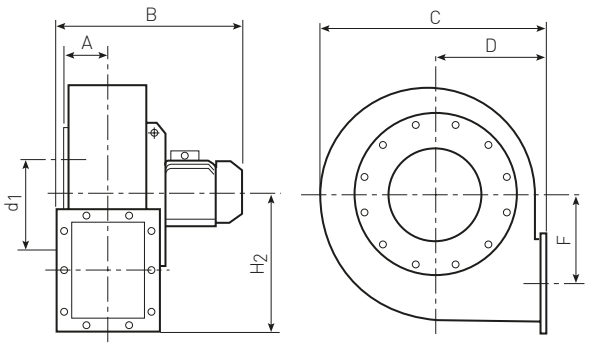
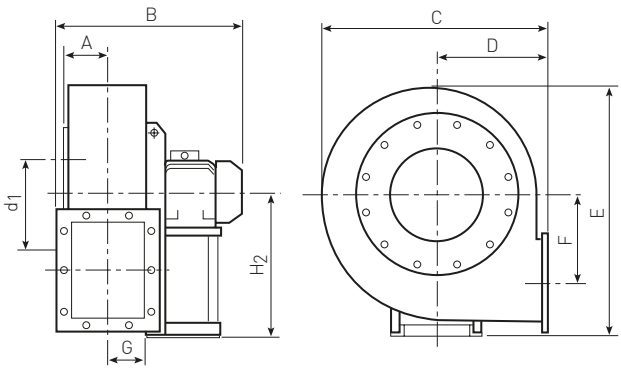
**Single inlet centrifugal fan,**
**forward curved blades with direct drive, clean air**

## DIMENSIONS

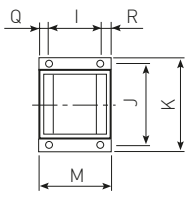
| Model | Motor | KG F | $PD^2$ KG F $m^2$ | Motor-driven fan | | | | | | | | | | Suction flange | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | A | B | C | D | E | F | G | H | $H_1$ | $H_2$ | d | $d_1$ | $d_2$ | N. | Ø |
| 200/2 | 80 B-2 | 30 | 0,11 | 77 | 413 | 368 | 165 | 440 | 120 | 76 | 265 | 165 | 265 | 205 | 241 | 275 | 8 | 8 |
| 200/2 | 90 L-2 | 37 | 0,11 | 77 | 453 | 368 | 165 | 440 | 120 | 76 | 265 | 165 | 265 | 205 | 241 | 275 | 8 | 8 |
| 250/2 | 100 LA-2 | 28 | 0,14 | 85 | 386 | 410 | 180 | 465 | 135 | 86 | 300 | 180 | 300 | 228 | 265 | 298 | 8 | 8 |
| 220/4 | 63 B-4 | 30 | 0,14 | 85 | 411 | 410 | 180 | 465 | 135 | 86 | 300 | 180 | 300 | 228 | 265 | 298 | 8 | 8 |
| 220/4 | 71 B-4 | 49 | 0,19 | 94 | 560 | 411 | 195 | 526 | 149 | 96 | 315 | 195 | 315 | 255 | 292 | 325 | 8 | 10 |
| 250/4 | 80 A-4 | 37 | 0,19 | 94 | 450 | 411 | 195 | 526 | 149 | 96 | 315 | 195 | 315 | 255 | 292 | 325 | 8 | 10 |
| 280/4 | 80 B-4 | 44 | 0,265 | 105 | 475 | 477 | 200 | 610 | 172 | 105 | 375 | 200 | 375 | 285 | 332 | 365 | 8 | 10 |
| 280/4 | 90 S-4 | 46 | 0,265 | 105 | 515 | 477 | 200 | 610 | 172 | 105 | 375 | 200 | 375 | 285 | 332 | 365 | 8 | 10 |
| 310/4 | 90 L-4 | 60 | 0,41 | 117 | 539 | 527 | 225 | 658 | 196 | 117 | 400 | 225 | 400 | 320 | 366 | 400 | 8 | 10 |
| 310/4 | 100 L-4 | 62 | 0,41 | 117 | 609 | 527 | 225 | 658 | 196 | 117 | 400 | 225 | 400 | 320 | 366 | 400 | 8 | 10 |
| 350/4 | 100 L-4 | 50 | 0,41 | 117 | 499 | 527 | 225 | 658 | 196 | 117 | 400 | 225 | 400 | 320 | 366 | 400 | 8 | 10 |
| 350/4 | 112 M-4 | 53 | 0,41 | 117 | 499 | 527 | 225 | 658 | 196 | 117 | 400 | 225 | 400 | 320 | 366 | 400 | 8 | 10 |
| 400/4 | 112 M-4 | 78 | 0,71 | 130 | 636 | 600 | 255 | 740 | 216 | 131 | 450 | 255 | 450 | 360 | 405 | 440 | 8 | 10 |
| 400/4 | 132 M-4 | 87 | 0,71 | 130 | 636 | 600 | 255 | 740 | 216 | 131 | 450 | 255 | 450 | 360 | 405 | 440 | 8 | 10 |
| 450/4 | 132 A-4 | 70 | 0,71 | 130 | 566 | 600 | 255 | 740 | 216 | 131 | 450 | 255 | 450 | 360 | 405 | 440 | 8 | 10 |
| 450/4 | 160 L-4 | 72 | 0,71 | 130 | 566 | 600 | 255 | 740 | 216 | 131 | 450 | 255 | 450 | 360 | 405 | 440 | 8 | 10 |
| 310/6 | 80 A-6 | 98 | 1,41 | 147 | 668 | 655 | 285 | 815 | 245 | 147 | 500 | 285 | 500 | 405 | 448 | 485 | 8 | 10 |
| 310/6 | 80 B-6 | 119 | 1,41 | 147 | 730 | 655 | 285 | 815 | 245 | 147 | 500 | 285 | 500 | 405 | 448 | 485 | 8 | 10 |
| 350/6 | 90 S-6 | 99 | 1,41 | 147 | 668 | 655 | 285 | 815 | 245 | 147 | 500 | 285 | 500 | 405 | 448 | 485 | 8 | 10 |
| 350/6 | 90 L-6 | 129 | 2,92 | 163 | 764 | 735 | 320 | 915 | 275 | 165 | 560 | 320 | 560 | 455 | 497 | 535 | 8 | 10 |
| 400/6 | 112 M-6 | 168 | 2,92 | 163 | 900 | 735 | 320 | 915 | 275 | 165 | 560 | 320 | 560 | 455 | 497 | 535 | 8 | 10 |
| 450/6 | 132 M-6 | 130 | 2,92 | 163 | 764 | 735 | 320 | 915 | 275 | 165 | 560 | 320 | 560 | 455 | 497 | 535 | 8 | 10 |
| 500/6 | 160 M-6 | 187 | 4,80 | 183 | 939 | 832 | 360 | 1000 | 303 | 185 | 600 | 360 | 600 | 505 | 551 | 585 | 8 | 10 |




Version without base, on request only (motor version **B5**)



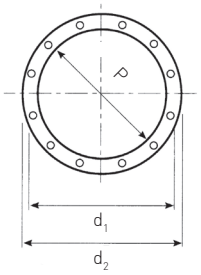

Standard version with base (motor version **B3**)



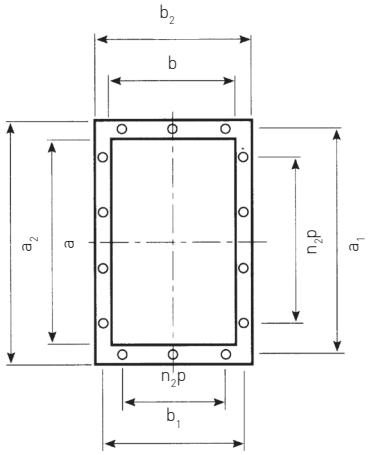

Mounting holes for electric motor support base

Motor side view

| Discharge flange | | | | | | | | | | Electric Motor Base | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| a | b | $a_1$ | $b_1$ | $a_2$ | $b_2$ | $n_1$xp | $n_2$xp | No. | Ø | I | J | K | M | Q | R | Ø |
| 207 | 148 | 241 | 182 | 277 | 218 | 1x112 | 1x112 | 8 | 12 | 121 | 203 | 225 | 180 | 45 | 14 | 10 |
| 207 | 148 | 241 | 182 | 277 | 218 | 1x112 | 1x112 | 8 | 12 | 133 | 234 | 260 | 205 | 55 | 17 | 10 |
| 231 | 166 | 265 | 200 | 301 | 236 | 1x112 | 1x112 | 8 | 12 | 86 | 184 | 206 | 145 | 45 | 14 | 10 |
| 231 | 166 | 265 | 200 | 301 | 236 | 1x112 | 1x112 | 8 | 12 | 121 | 203 | 225 | 180 | 45 | 14 | 10 |
| 258 | 185 | 292 | 219 | 328 | 255 | 1x112 | 2x112 | 10 | 12 | 197 | 289 | 324 | 250 | 30 | 23 | 12 |
| 258 | 185 | 292 | 219 | 328 | 255 | 1x112 | 2x112 | 10 | 12 | 121 | 203 | 225 | 180 | 45 | 14 | 10 |
| 288 | 205 | 332 | 249 | 368 | 285 | 1x125 | 2x125 | 10 | 12 | 121 | 203 | 225 | 180 | 45 | 14 | 10 |
| 288 | 205 | 332 | 249 | 368 | 285 | 1x125 | 2x125 | 10 | 12 | 133 | 234 | 260 | 205 | 55 | 17 | 10 |
| 322 | 229 | 366 | 273 | 402 | 309 | 1x125 | 2x125 | 10 | 12 | 133 | 234 | 260 | 205 | 55 | 17 | 10 |
| 322 | 229 | 366 | 273 | 402 | 309 | 1x125 | 2x125 | 10 | 12 | 197 | 289 | 324 | 250 | 30 | 23 | 12 |
| 322 | 229 | 366 | 273 | 402 | 309 | 1x125 | 2x125 | 10 | 12 | 121 | 203 | 225 | 180 | 45 | 14 | 10 |
| 322 | 229 | 366 | 273 | 402 | 309 | 1x125 | 2x125 | 10 | 12 | 121 | 203 | 225 | 180 | 45 | 14 | 10 |
| 361 | 256 | 405 | 300 | 441 | 336 | 1x125 | 2x125 | 10 | 12 | 197 | 289 | 324 | 250 | 30 | 23 | 12 |
| 361 | 256 | 405 | 300 | 441 | 336 | 1x125 | 2x125 | 10 | 12 | 197 | 289 | 324 | 250 | 30 | 23 | 12 |
| 361 | 256 | 405 | 300 | 441 | 336 | 1x125 | 2x125 | 10 | 12 | 133 | 234 | 260 | 205 | 55 | 17 | 10 |
| 361 | 256 | 405 | 300 | 441 | 336 | 1x125 | 2x125 | 10 | 12 | 133 | 234 | 260 | 205 | 55 | 17 | 10 |
| 404 | 288 | 448 | 332 | 484 | 368 | 2x125 | 3x125 | 14 | 12 | 197 | 289 | 324 | 250 | 30 | 23 | 12 |
| 404 | 288 | 448 | 332 | 484 | 368 | 2x125 | 3x125 | 14 | 12 | 237 | 337 | 372 | 300 | 40 | 23 | 12 |
| 404 | 288 | 448 | 332 | 484 | 368 | 2x125 | 3x125 | 14 | 12 | 197 | 289 | 324 | 250 | 30 | 23 | 12 |
| 453 | 322 | 497 | 366 | 533 | 402 | 2x125 | 3x125 | 14 | 12 | 237 | 337 | 372 | 300 | 40 | 23 | 12 |
| 453 | 322 | 497 | 366 | 533 | 402 | 2x125 | 3x125 | 14 | 12 | 337 | 395 | 440 | 415 | 50 | 28 | 14 |
| 453 | 322 | 497 | 366 | 533 | 402 | 2x125 | 3x125 | 14 | 12 | 237 | 337 | 372 | 300 | 40 | 23 | 12 |
| 507 | 361 | 551 | 405 | 587 | 441 | 2x125 | 3x125 | 14 | 12 | 337 | 395 | 440 | 415 | 50 | 28 | 14 |




Suction flange




Discharge flange

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## QUICK SELECTION TABLE

| Model | Motor | Power Installed kW | RPM | dB(A) | Total pressure PT = Pa<br>Flow rate v = m³/h | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 540 | 612 | 684 | 756 | 828 | 930 | 1080 | 1190 | 1330 | 1500 | 1700 | 1900 |
| 200/2 | 80 B-2 | 1,10 | 2840 | 78 | - | - | - | 1140 | 1140 | 1140 | 1150 | 1160 | 1190 | 1210 | 1240 | - |
| 200/2 | 90 L-2 | 2,20 | 2860 | 79 | - | - | - | 1150 | 1150 | 1150 | 1160 | 1170 | 1200 | 1220 | 1250 | 1270 |
| 250/2 | 100 LA-2 | 3,00 | 2900 | 87 | - | - | - | - | - | - | - | - | - | 1770 | 1770 | 1770 |
| 220/4 | 63 B-4 | 0,18 | 1320 | 63 | - | 300 | 300 | 310 | 320 | 330 | 340 | - | - | - | - | - |
| 220/4 | 71 B-4 | 0,37 | 1360 | 63 | - | 320 | 320 | 330 | 340 | 350 | 360 | 370 | 370 | 360 | 350 | 320 |
| 250/4 | 80 A-4 | 0,55 | 1380 | 66 | - | - | - | 410 | 410 | 410 | 420 | 430 | 440 | 450 | 460 | 460 |
| 280/4 | 80 B-4 | 0,75 | 1380 | 70 | - | - | - | - | - | - | 510 | 510 | 510 | 520 | 530 | 550 |
| 280/4 | 90 S-4 | 1,10 | 1390 | 70 | - | - | - | - | - | - | 520 | 520 | 520 | 530 | 540 | 560 |
| 310/4 | 90 L-4 | 1,50 | 1390 | 74 | - | - | - | - | - | - | - | - | - | 700 | 700 | 700 |
| 310/4 | 100 L-4 | 2,20 | 1410 | 74 | - | - | - | - | - | - | - | - | - | 710 | 710 | 710 |
| 350/4 | 100 L-4 | 3,00 | 1420 | 77 | - | - | - | - | - | - | - | - | - | - | - | - |
| 350/4 | 112 M-4 | 4,00 | 1420 | 78 | - | - | - | - | - | - | - | - | - | - | - | - |
| 400/4 | 112 M-4 | 5,50 | 1430 | 82 | - | - | - | - | - | - | - | - | - | - | - | - |
| 400/4 | 132 M-4 | 7,50 | 1450 | 82 | - | - | - | - | - | - | - | - | - | - | - | - |
| 450/4 | 132 A-4 | 9,00 | 1460 | 83 | - | - | - | - | - | - | - | - | - | - | - | - |
| 450/4 | 160 L-4 | 15,00 | 1460 | 85 | - | - | - | - | - | - | - | - | - | - | - | - |
| 310/6 | 80 B-6 | 0,37 | 930 | 63 | - | - | - | - | - | 290 | 290 | 300 | 300 | 310 | 320 | 330 |
| 310/6 | 80 B-6 | 0,55 | 930 | 64 | - | - | - | - | - | 290 | 290 | 300 | 300 | 310 | 320 | 330 |
| 350/6 | 90 S-6 | 0,75 | 935 | 66 | - | - | - | - | - | - | - | - | 370 | 370 | 370 | 380 |
| 350/6 | 90 L-6 | 1,10 | 935 | 68 | - | - | - | - | - | - | - | - | 370 | 370 | 370 | 380 |
| 400/6 | 112 M-6 | 2,20 | 950 | 71 | - | - | - | - | - | - | - | - | - | - | - | 490 |
| 450/6 | 132 M-6 | 4,00 | 965 | 74 | - | - | - | - | - | - | - | - | - | - | - | - |
| 500/6 | 160 M-6 | 7,50 | 965 | 80 | - | - | - | - | - | - | - | - | - | - | - | - |

Performance data was measured with suitable instruments in our laboratories.
Air performance at 15 °C temperature with a pressure of 760 mm$H_2O$.
The indicated flow rate and pressure performances refer to the installation of the fan unit with ducted discharge.
The reported noise is expressed as sound pressure, measured at a distance of 1.5 m in free field.
The power values indicated refer to the actual installed power of the fan unit.
Refer to the performance curves for the correct model selection.

| Total pressure PT = Pa<br>Flow rate v = m³/h | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2150 | 2400 | 2700 | 3050 | 3450 | 3850 | 4250 | 4750 | 5400 | 6150 | 6850 | 7650 | 8500 | 9500 | 10800 | 12000 | 13500 | 15300 | 17000 | 19000 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1270 | 1250 | 1180 | 1090 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1780 | 1810 | 1900 | 1950 | 1960 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 450 | 430 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 570 | 590 | 600 | 680 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 580 | 590 | 600 | 580 | 550 | 510 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 710 | 720 | 750 | 770 | 790 | 790 | 780 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 720 | 730 | 760 | 780 | 790 | 790 | 780 | 770 | 720 | 640 | - | - | - | - | - | - | - | - | - | - |
| 900 | 900 | 900 | 910 | 920 | 950 | 960 | 1010 | 1030 | 1020 | - | - | - | - | - | - | - | - | - | - |
| 910 | 910 | 910 | 920 | 930 | 960 | 970 | 1020 | 1030 | 1020 | 970 | 950 | 870 | - | - | - | - | - | - | - |
| - | - | - | - | 1150 | 1150 | 1160 | 1170 | 1220 | 1240 | 1260 | 1280 | 1310 | 1300 | - | - | - | - | - | - |
| - | - | - | - | 1170 | 1170 | 1180 | 1190 | 1240 | 1260 | 1280 | 1300 | 1310 | 1300 | - | 1150 | - | - | - | - |
| - | - | - | - | - | - | 1460 | 1460 | 1460 | 1480 | 1510 | 1550 | 1570 | 1600 | - | 1630 | - | - | - | - |
| - | - | - | - | - | - | 1460 | 1460 | 1460 | 1480 | 1510 | 1550 | 1570 | 1600 | - | 1630 | 1600 | 1560 | 1410 | 1210 |
| 330 | 330 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 330 | 330 | 330 | 320 | 300 | 270 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 380 | 390 | 400 | 410 | 420 | 420 | 400 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 380 | 390 | 400 | 410 | 420 | 420 | 400 | 390 | 360 | - | - | - | - | - | - | - | - | - | - | - |
| 490 | 490 | 500 | 510 | 520 | 530 | 540 | 560 | 570 | 550 | 520 | 490 | 440 | - | - | - | - | - | - | - |
| - | - | 640 | 640 | 640 | 650 | 670 | 690 | 710 | 720 | 730 | 730 | 720 | 690 | 640 | 580 | - | - | - | - |
| - | - | - | - | - | 790 | 790 | 790 | 800 | 810 | 830 | 850 | 870 | 890 | 900 | 880 | 840 | 780 | 690 | - |

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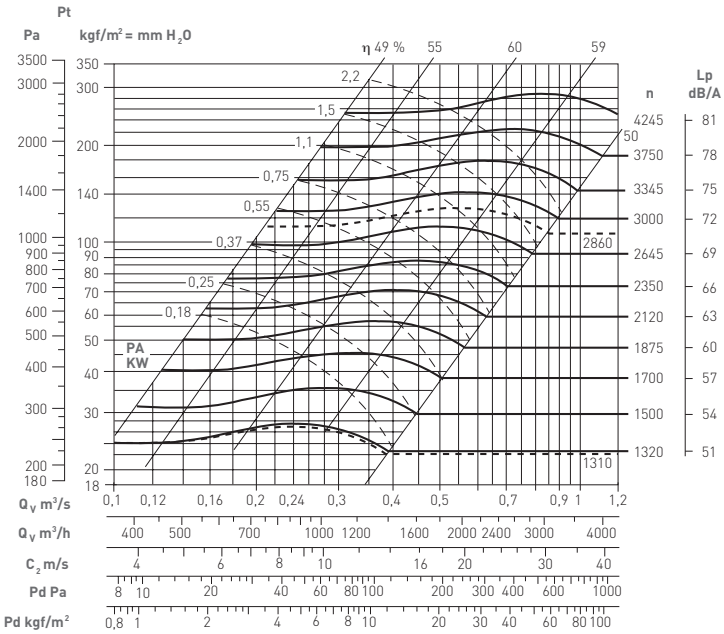
## CHARACTERISTIC CURVES

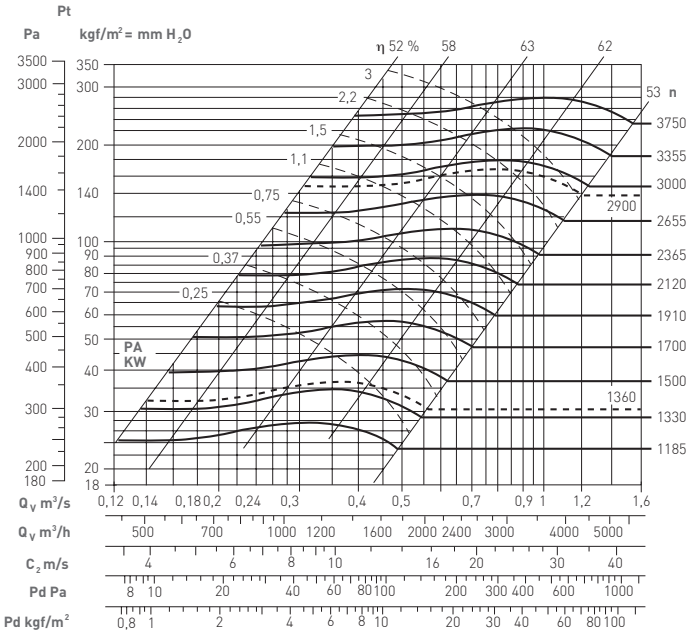
Q= Flow rate expressed in $m^3/h$, $m^3/s$ and cfm
Pe= Static pressure expressed in $mmH_2O$, e Pa

### VCAP 200




Fan weight 23 Kgf
PD² e GD² = 0,11 Kgf²m
Maximum rotation speed
<100 °C = 3950
100 ÷ 200 °C= 3500
200 ÷ 300 °C= 3100
Tolerance on noise level + 3 dB
Tolerance on absorbed power ± 3%

### VCAP 220




Fan weight 27 Kgf
PD² e GD² = 0,14 Kgf²m
Maximum rotation speed
<100 °C = 3500
100 ÷ 200 °C= 3120
200 ÷ 300 °C= 2800
Tolerance on noise level + 3 dB
Tolerance on absorbed power ± 3%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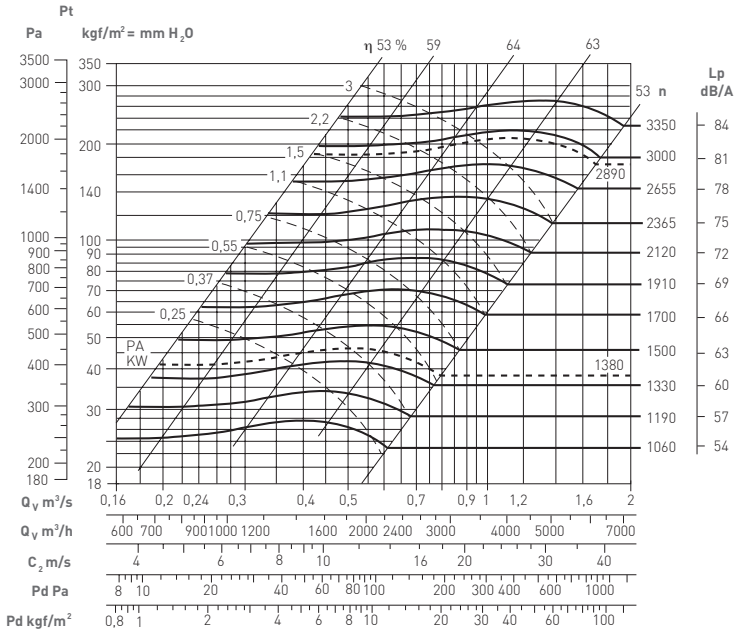
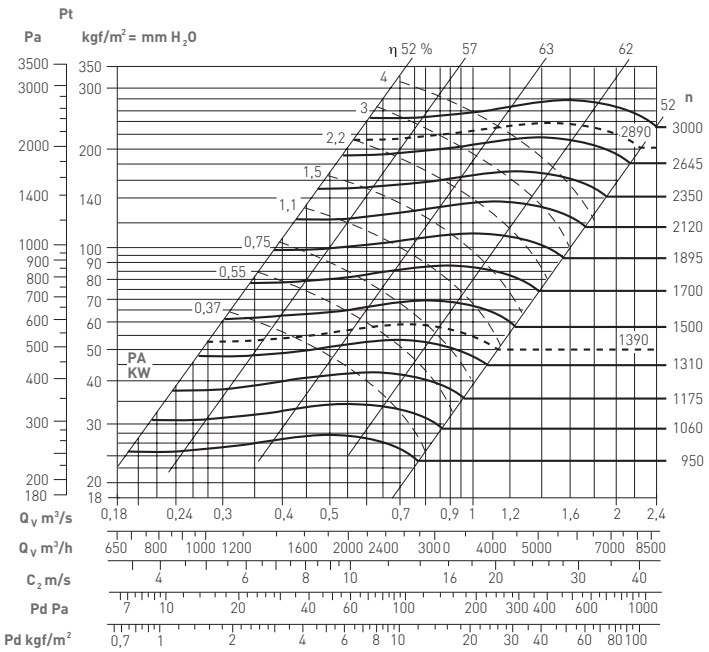
Q= Flow rate expressed in $m^3/h$, $m^3/s$ and cfm
Pe= Static pressure expressed in $mmH_2O$, e Pa

## VCAP 250




Fan weight 31 Kgf
PD² e GD² = 0,19 Kgf²m
Maximum rotation speed
<100 °C = 3100
100 ÷ 200 °C= 2800
200 ÷ 300 °C= 2500
Tolerance on noise level + 3 dB
Tolerance on absorbed power ± 3%

## VCAP 280




Fan weight 41 Kgf
PD² e GD² = 0,265 Kgf²m
Maximum rotation speed
<100 °C = 2800
100 ÷ 200 °C= 2500
200 ÷ 300 °C= 2200
Tolerance on noise level + 3 dB
Tolerance on absorbed power ± 3%

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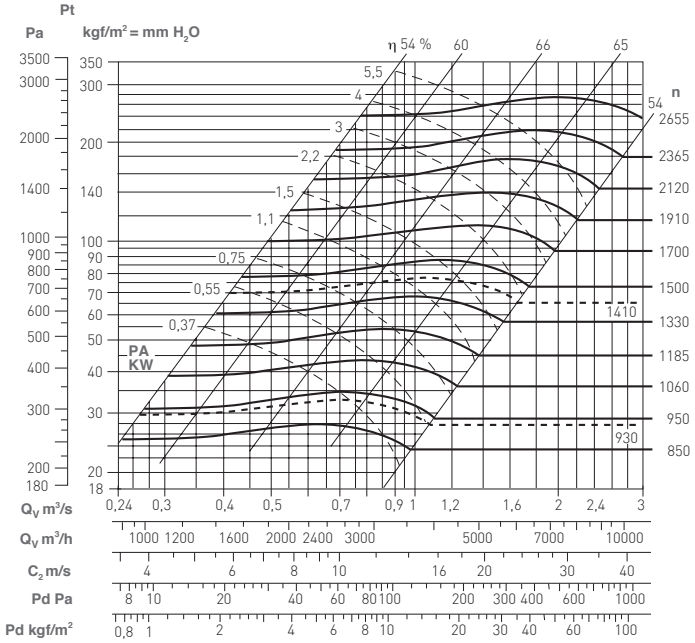
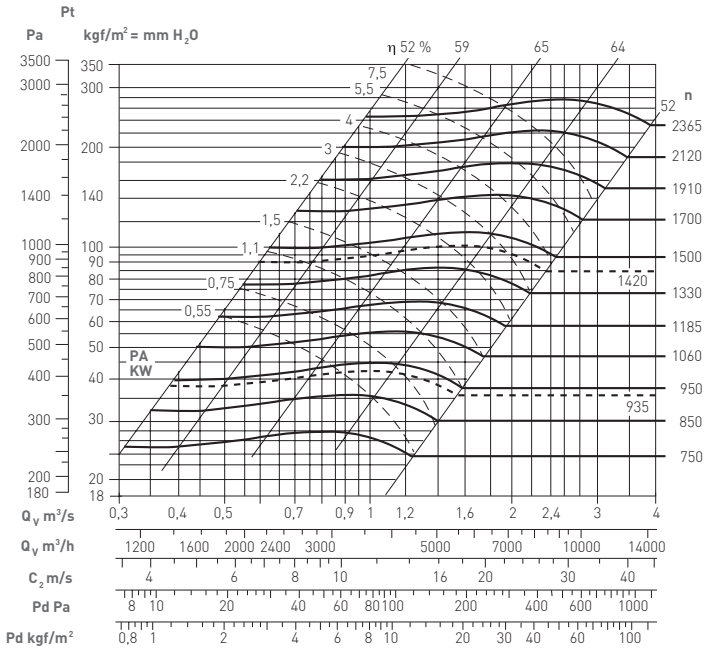
Q= Flow rate expressed in $m^3/h$, $m^3/s$ and cfm
Pe= Static pressure expressed in $mmH_2O$, e Pa

## VCAP 310




Fan weight 47 Kgf
$PD^2$ e $GD^2$ = 0,41 $Kgf^2m$
Maximum rotation speed
<100 °C = 2500
100 ÷ 200 °C= 2230
200 ÷ 300 °C= 2000
Tolerance on noise level + 3 dB
Tolerance on absorbed power ± 3%

## VCAP 350




Fan weight 73 Kgf
$PD^2$ e $GD^2$ = 0,71 $Kgf^2m$
Maximum rotation speed
<100 °C = 2230
100 ÷ 200 °C= 2000
200 ÷ 300 °C= 1800
Tolerance on noise level + 3 dB
Tolerance on absorbed power ± 3%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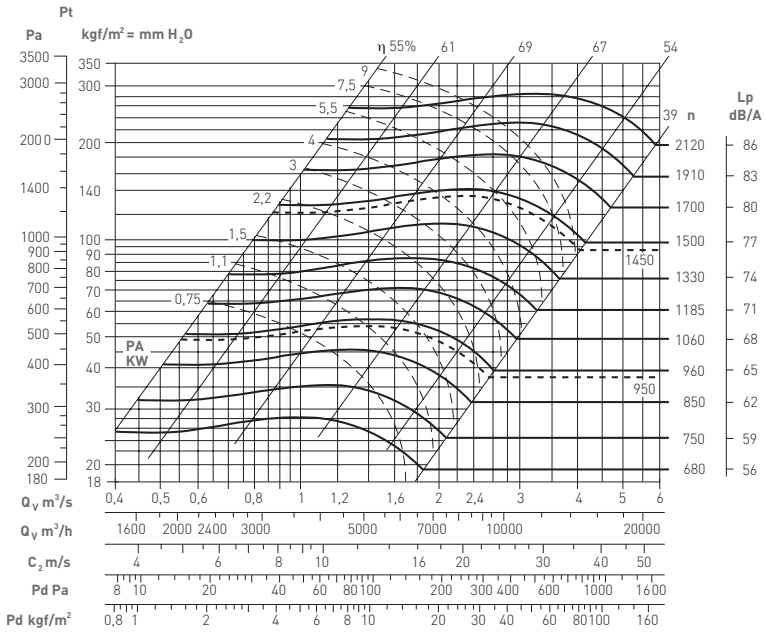
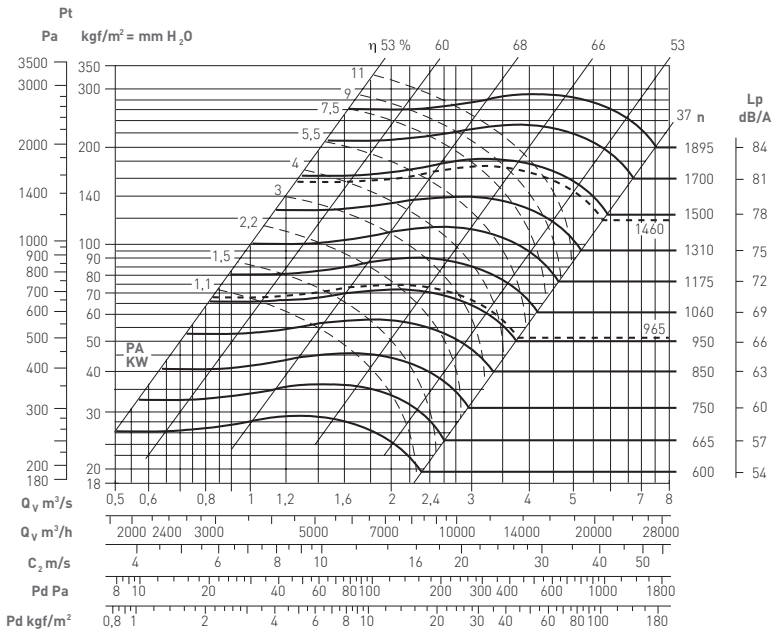
Q= Flow rate expressed in $m^3/h$, $m^3/s$ and cfm
Pe= Static pressure expressed in $mmH_2O$, e Pa

## VCAP 400




Fan weight 88 Kgf
$PD^2$ e $GD^2$ = 1,41 $Kgf^2m$
Maximum rotation speed
<100 °C = 2800
100 ÷ 200 °C= 1800
200 ÷ 300 °C= 1600
Tolerance on noise level + 3 dB
Tolerance on absorbed power ± 3%

## VCAP 450



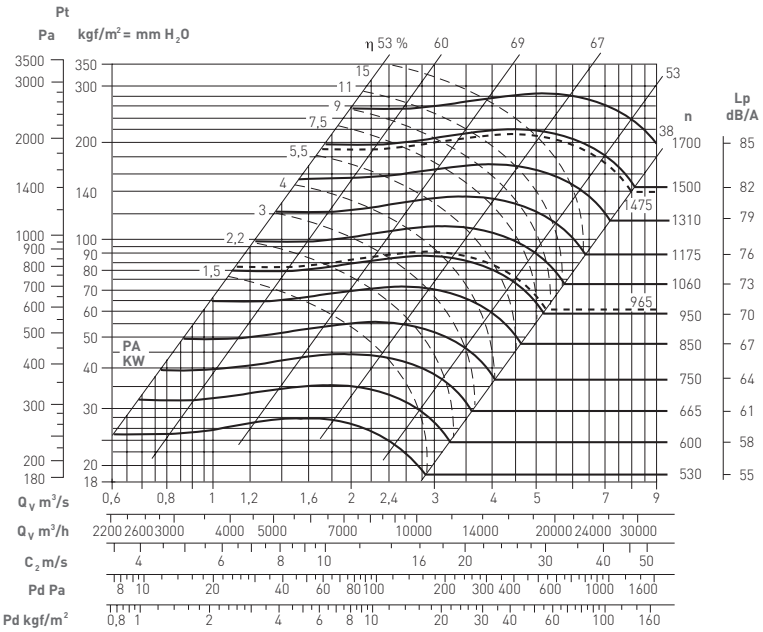

Fan weight 103 Kgf
$PD^2$ e $GD^2$ = 2,92 $Kgf^2m$
Maximum rotation speed
<100 °C = 1810
100 ÷ 200 °C= 1600
200 ÷ 300 °C= 1400
Tolerance on noise level + 3 dB
Tolerance on absorbed power ± 3%

# VCAP

**Single inlet centrifugal fan,**
**forward curved blades with direct drive, clean air**

Q= Flow rate expressed in $m^3/h$, $m^3/s$ and cfm
Pe= Static pressure expressed in $mmH_2O$, e Pa

## VCAP 500




Fan weight 143 Kgf
$PD^2$ e $GD^2$ = 4,8 $Kgf^2m$
Maximum rotation speed
<100 °C = 1600
100 ÷ 200 °C= 1400
200 ÷ 300 °C= 1240
Tolerance on noise level + 3 dB
Tolerance on absorbed power ± 3%

## ACCESSORIES


Torque counter flanges


Nozzle anti-spark


Anti-vibration joint for centrifugal fan unit


Protection grille for centrifugal fan unit on suction side


Damper for regulation manual


Safety switch ON/OFF


Soft starter for three-phase motor


Silencers


Square-to-round adapter for centrifugal fan unit discharge

All images are only indicative of the product type and may differ from the actual article.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## AVAILABLE MODELS

| Model | Motor | Installed Power kW | RPM |
|---|---|---|---|
| 200/2 | 80 B-2 | 1,10 | 2840 |
| 200/2 | 90 L-2 | 2,20 | 2860 |
| 250/2 | 100 LA-2 | 3,0 | 2900 |
| 220/4 | 63 B-4 | 0,18 | 1320 |
| 220/4 | 71 B-4 | 0,37 | 1360 |
| 250/4 | 80 A-4 | 0,55 | 1380 |
| 280/4 | 80 B-4 | 0,75 | 1380 |
| 280/4 | 90 S-4 | 1,10 | 1390 |
| 310/4 | 90 L-4 | 1,50 | 1390 |
| 310/4 | 100 L-4 | 2,20 | 1410 |
| 350/4 | 100 L-4 | 3,00 | 1420 |
| 350/4 | 112 M-4 | 4,00 | 1420 |
| 400/4 | 112 M-4 | 5,50 | 1430 |
| 400/4 | 132 M-4 | 7,50 | 1450 |
| 450/4 | 132 A-4 | 7,50 | 1460 |
| 450/4 | 160 L-4 | 15,00 | 1460 |
| 310/6 | 80 B-6 | 0,37 | 930 |
| 310/6 | 80 B-6 | 0,55 | 930 |
| 350/6 | 90 S-6 | 0,75 | 935 |
| 350/6 | 90 L-6 | 1,10 | 935 |
| 400/6 | 112 M-6 | 2,20 | 950 |
| 450/6 | 132 M-6 | 3,00 | 965 |
| 500/6 | 160 M-6 | 5,50 | 965 |

* For RD and LG 180 and 225 orientations, contact the sales office