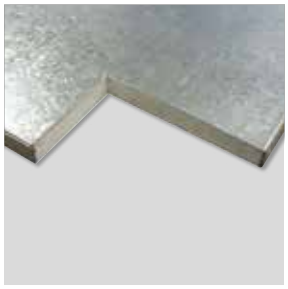
Range of direct drive backward curved centrifugal cabinet fans designed for ventilation of commercial kitchens and industrial applications.
Cabinet fan manufactured from aluminium profiles and double thickness side panels internally lined with 25 mm thickness of fireproof fiberglass acoustic insulation.
Circular duct connection flange on the inlet and outlet. CVAB-N/CVAT-N incorporates direct drive backward curved centrifugal impeller,manufactured from aluminium (CVAB-N) or steel (CVAT-N) sheet, with motor fitted inside the air stream.

**Backward curved centrifugal impellers**
To prevent accumulation of dirtiness. Dynamically balanced.



**Low noise level**
Double thickness side panels lined with 25 mm thickness of fireproof fiberglass acoustic insulation.

**Robustness**
Quality finished aluminium profiles and plastic corners providing a great robustness.

**IP55 external terminal box**
To ease electrical connection. Only available for CVAB single-phase models.
For three-phase models, connection to the motor terminal box.

## Motors

CVAB-N
Single-phase external rotor motors 230V 50Hz, IP55, class F, with thermal protection, speed controllable by tension.
Working temperature from -40ºC to 60ºC.

CVAT-N
Three-phase 4 and 6 pole motors 230/400V 50Hz, IP55, class F, with thermal protection (PTC), speed controllable by inverter.
Working temperature from -20ºC to 40ºC.

## ATEX versions

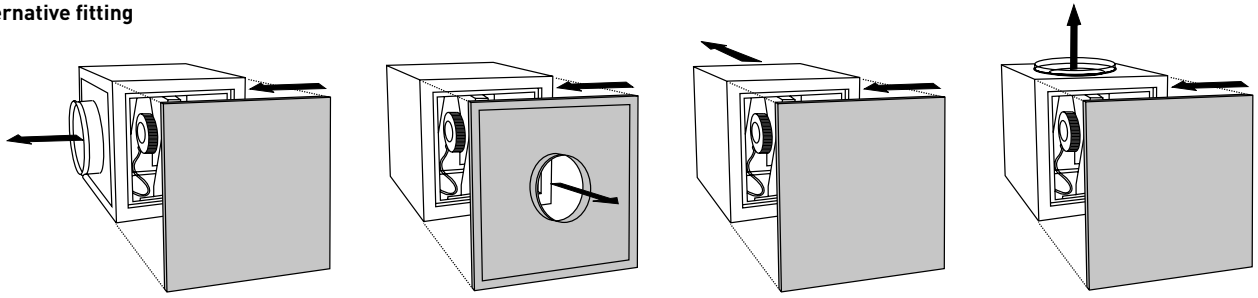
On request, explosion proof versions in accordance to ATEX Directive, for three phase models.
Working temperature from -20ºC to +40ºC.
- ATEX Flameproof - Gas
  - II 2G Exd IIB T4
  - II 2G Exd IIB+H2 T4 (with motor Exd IIC T4)
- ATEX Increased safety - Gas
  - II 2G Exe IIC T3

To select CVAT-N ATEX refer to performance curves, or Easyvent.
Note electrical data may vary for ATEX motors.

**Specific applications**

Versions

**Alternative fitting**



## TECHNICAL CHARACTERISTICS

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

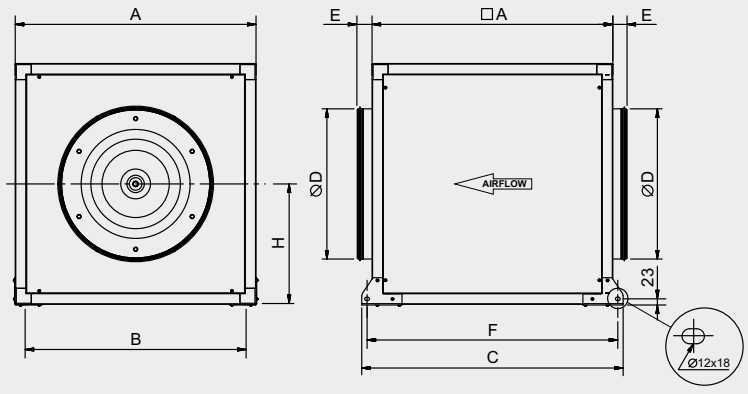
| Model | Speed (rpm) | Maximum absorbed power (W) | Maximum absorbed current (A) | Maximum airflow ($m^3/h$) | Sound pressure level* (dB(A)) | | | Weight (kg) | Speed control | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Inlet | Radiated | Outlet | | REB | RMB |
| SINGLE-PHASE 4 POLES | | | | | | | | | | |
| CVAB/4-1400/250N D | 1300 | 107 | 0,5 | 1280 | 49 | 44 | 50 | 13,0 | REB-1 | RMB-1,5 |
| CVAB/4-2000/315N D | 1390 | 169 | 0,7 | 1820 | 53 | 47 | 54 | 13,0 | REB-1 | RMB-1,5 |
| CVAB/4-3000/355N D | 1370 | 312 | 1,3 | 2800 | 58 | 51 | 58 | 30,0 | REB-2,5 | RMB-1,5 |
| CVAB/4-4000/400N D | 1390 | 557 | 2,3 | 4210 | 62 | 54 | 60 | 32,0 | REB-2,5 | RMB-3,5 |
| CVAB/4-6000/450N D | 1380 | 930 | 4,0 | 6140 | 64 | 57 | 63 | 46,0 | REB-5 | RMB-5 |
| CVAB/4-9000/500N D | 1390 | 1289 | 5,5 | 7580 | 68 | 61 | 66 | 58,0 | REB-10 | RMB-8 |

| Model | Speed (rpm) | Maximum absorbed power (W) | Maximum absorbed current (A) | | Maximum airflow ($m^3/h$) | Sound pressure level* (dB(A)) | | | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| | | | 230V | 400V | | Inlet | Radiated | Outlet | |
| THREE-PHASE 4 POLES | | | | | | | | | |
| CVAT/4-1400/250N D 0,18 | 1480 | 116 | 0,9 | 0,5 | 1.230 | 50 | 37 | 48 | 13,0 |
| CVAT/4-2000/315N D 0,18 | 1460 | 169 | 0,9 | 0,5 | 1.830 | 54 | 41 | 53 | 13,0 |
| CVAT/4-3000/355N D 0,18 | 1430 | 251 | 0,9 | 0,5 | 2.660 | 56 | 43 | 56 | 30,0 |
| CVAT/4-4000/400N D 0,37 | 1445 | 438 | 1,6 | 0,9 | 3.850 | 60 | 47 | 60 | 32,0 |
| CVAT/4-6000/450N D 0,75 | 1465 | 747 | 3,0 | 1,7 | 5.620 | 63 | 50 | 64 | 46,0 |
| CVAT/4-9000/500N D 1,1 | 1480 | 1347 | 4,4 | 2,5 | 7.900 | 67 | 53 | 68 | 58,0 |
| CVAT/4-12000/560N D 2,2 | 1470 | 2093 | 7,3 | 4,2 | 11.100 | 69 | 56 | 71 | 82,0 |
| CVAT/4-16000/630N D 3 | 1460 | 3234 | 10,3 | 5,9 | 14.640 | 72 | 60 | 75 | 113,0 |
| THREE-PHASE 6 POLES | | | | | | | | | |
| CVAT/6-15000/710N D 1,5 | 970 | 1828 | 6,3 | 3,6 | 14.320 | 72 | 60 | 74 | 149,0 |

* Sound pressure level measured in free field condition at 1.5m, at the medium working point on the performance curve, shown 2, 5, 8 and 11.

| Model | VFTM | | VFKB | |
|---|---|---|---|---|
| | 1-PHASE SUPPLY | 3-PHASE SUPPLY | 1-PHASE SUPPLY | 3-PHASE SUPPLY |
| CVAT/4-1400/250N D 0,18 | VFTM MONO 0,18 | VFTM TRI 0,37 | VFKB-24 | VFKB-45 |
| CVAT/4-2000/315N D 0,18 | VFTM MONO 0,18 | VFTM TRI 0,37 | VFKB-24 | VFKB-45 |
| CVAT/4-3000/355N D 0,18 | VFTM MONO 0,18 | VFTM TRI 0,37 | VFKB-24 | VFKB-45 |
| CVAT/4-4000/400N D 0,37 | VFTM MONO 0,37 | VFTM TRI 0,37 | VFKB-24 | VFKB-45 |
| CVAT/4-6000/450N D 0,75 | VFTM MONO 0,37 | VFTM TRI 0,75 | VFKB-24 | VFKB-45 |
| CVAT/4-9000/500N D 1,1 | VFTM MONO 0,75 | VFTM TRI 1,1 | VFKB-24 | VFKB-45 |
| CVAT/4-12000/560N D 2,2 | VFTM MONO 1,5 | VFTM TRI 2,2 | VFKB-27 | VFKB-48 |
| CVAT/4-16000/630N D 3 | VFTM MONO 2,2 | VFTM TRI 3 | VFKB-27 | VFKB-48 |
| CVAT/6-15000/710N D 1,5 | VFTM MONO 1,1 | VFTM TRI 1,5 | VFKB-27 | VFKB-48 |

## DIMENSIONS (mm)

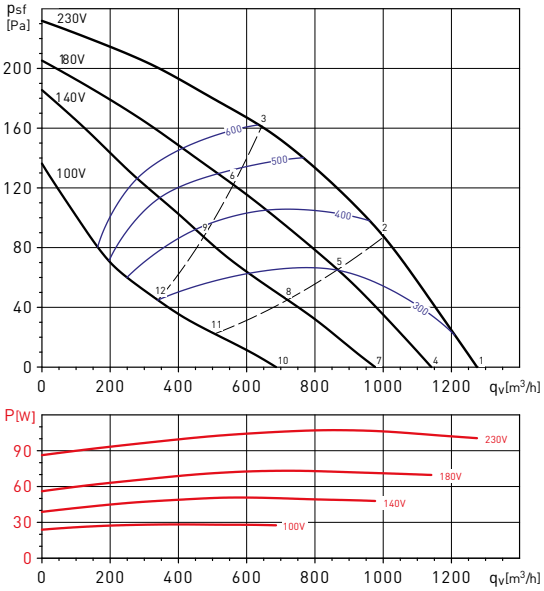



| Model CVAB - CVAT | A | B | C | D | E | F | H |
|---|---|---|---|---|---|---|---|
| 1400/250N D | 500 | 457 | 574 | 250 | 58 | 534 | 250 |
| 2000/315N D | 500 | 457 | 574 | 315 | 58 | 534 | 250 |
| 3000/355N D | 650 | 607 | 724 | 355 | 58 | 684 | 325 |
| 4000/400N D | 650 | 607 | 724 | 400 | 58 | 684 | 325 |
| 6000/450N D | 750 | 707 | 824 | 450 | 58 | 784 | 375 |
| 9000/500N D | 800 | 757 | 874 | 500 | 58 | 834 | 400 |
| 12000/560N D | 900 | 826 | 977 | 560 | 58 | 937 | 450 |
| 16000/630N D | 1000 | 959 | 1077 | 630 | 58 | 1037 | 500 |
| 15000/710N D | 1100 | 1059 | 1177 | 710 | 58 | 1137 | 550 |

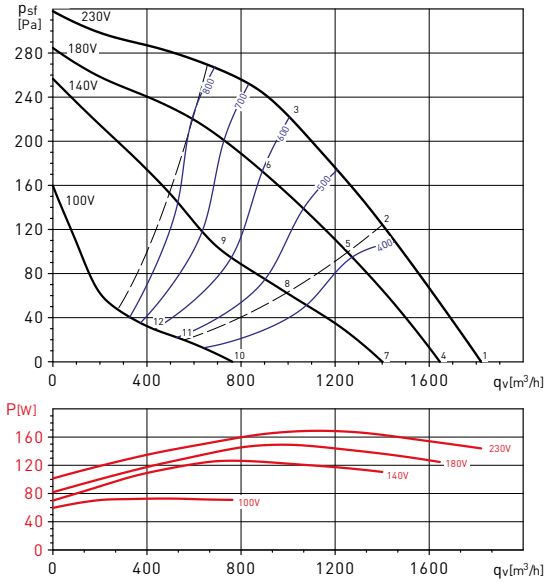
## PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- $q_v$: Airflow in $m^3/h$.
- $p_{sf}$: Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB/4-1400/250N D




CVAB/4-2000/315N D



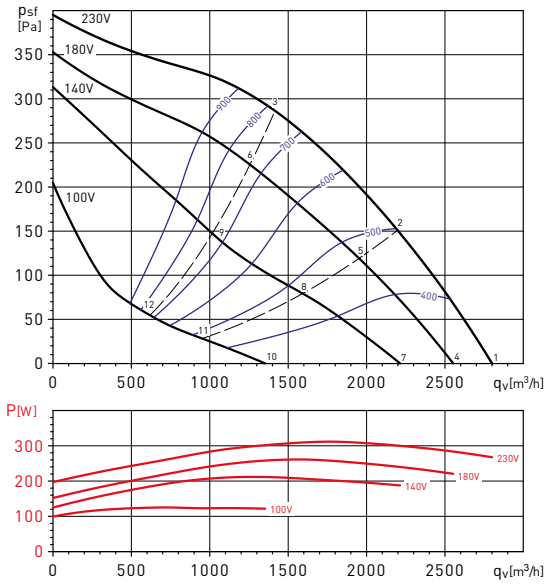

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 32 | 50 | 58 | 59 | 61 | 57 | 56 | 37 | 66 |
| | Outlet | 35 | 49 | 57 | 59 | 60 | 56 | 49 | 35 | 65 |
| | Break-Out | 26 | 43 | 46 | 49 | 55 | 56 | 51 | 28 | 60 |
| 2 | Inlet | 28 | 48 | 56 | 57 | 59 | 57 | 53 | 36 | 64 |
| | Outlet | 29 | 47 | 55 | 57 | 61 | 58 | 47 | 35 | 64 |
| | Break-Out | 22 | 41 | 44 | 48 | 54 | 56 | 48 | 27 | 59 |
| 3 | Inlet | 26 | 47 | 53 | 56 | 60 | 58 | 44 | 52 | 64 |
| | Outlet | 27 | 44 | 52 | 57 | 62 | 61 | 51 | 41 | 66 |
| | Break-Out | 21 | 41 | 42 | 47 | 54 | 57 | 47 | 35 | 60 |
| 4 | Inlet | 32 | 32 | 57 | 57 | 59 | 57 | 56 | 35 | 64 |
| | Outlet | 33 | 31 | 55 | 57 | 55 | 58 | 48 | 32 | 63 |
| | Break-Out | 26 | 28 | 42 | 47 | 54 | 56 | 51 | 27 | 60 |
| 5 | Inlet | 26 | 30 | 54 | 55 | 57 | 56 | 49 | 33 | 62 |
| | Outlet | 27 | 30 | 52 | 55 | 55 | 58 | 44 | 31 | 62 |
| | Break-Out | 21 | 25 | 39 | 46 | 53 | 55 | 45 | 25 | 58 |
| 6 | Inlet | 26 | 29 | 53 | 55 | 58 | 56 | 48 | 38 | 62 |
| | Outlet | 26 | 31 | 50 | 55 | 60 | 60 | 46 | 38 | 64 |
| | Break-Out | 20 | 25 | 38 | 46 | 54 | 55 | 44 | 31 | 58 |
| 7 | Inlet | 30 | 44 | 55 | 55 | 56 | 56 | 48 | 31 | 62 |
| | Outlet | 30 | 44 | 53 | 54 | 56 | 53 | 43 | 31 | 61 |
| | Break-Out | 23 | 38 | 40 | 45 | 51 | 54 | 42 | 22 | 56 |
| 8 | Inlet | 25 | 41 | 54 | 53 | 55 | 55 | 39 | 31 | 60 |
| | Outlet | 25 | 40 | 50 | 53 | 57 | 52 | 36 | 29 | 60 |
| | Break-Out | 18 | 35 | 39 | 43 | 50 | 53 | 33 | 21 | 55 |
| 9 | Inlet | 23 | 37 | 49 | 51 | 54 | 50 | 41 | 33 | 58 |
| | Outlet | 24 | 39 | 48 | 52 | 58 | 54 | 41 | 32 | 60 |
| | Break-Out | 17 | 31 | 34 | 41 | 49 | 48 | 35 | 24 | 52 |
| 10 | Inlet | 27 | 35 | 48 | 49 | 52 | 49 | 33 | 26 | 56 |
| | Outlet | 28 | 39 | 47 | 50 | 51 | 48 | 32 | 26 | 55 |
| | Break-Out | 22 | 30 | 34 | 50 | 47 | 42 | 26 | 17 | 52 |
| 11 | Inlet | 23 | 34 | 45 | 48 | 50 | 41 | 30 | 26 | 53 |
| | Outlet | 26 | 36 | 43 | 47 | 49 | 39 | 28 | 25 | 52 |
| | Break-Out | 18 | 29 | 31 | 41 | 48 | 38 | 23 | 17 | 49 |
| 12 | Inlet | 23 | 34 | 43 | 47 | 47 | 36 | 28 | 32 | 51 |
| | Outlet | 23 | 35 | 40 | 45 | 50 | 38 | 30 | 27 | 52 |
| | Break-Out | 17 | 29 | 30 | 40 | 45 | 34 | 25 | 19 | 47 |

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 37 | 55 | 63 | 64 | 65 | 62 | 60 | 45 | 70 |
| | Outlet | 40 | 55 | 61 | 64 | 65 | 60 | 54 | 42 | 69 |
| | Break-Out | 32 | 50 | 52 | 55 | 58 | 58 | 53 | 35 | 63 |
| 2 | Inlet | 32 | 53 | 60 | 62 | 63 | 60 | 56 | 42 | 68 |
| | Outlet | 35 | 52 | 59 | 61 | 65 | 61 | 51 | 40 | 68 |
| | Break-Out | 27 | 48 | 50 | 53 | 57 | 57 | 49 | 33 | 61 |
| 3 | Inlet | 32 | 52 | 58 | 61 | 63 | 61 | 47 | 55 | 67 |
| | Outlet | 32 | 49 | 56 | 60 | 64 | 62 | 53 | 44 | 68 |
| | Break-Out | 26 | 46 | 47 | 51 | 57 | 57 | 49 | 38 | 61 |
| 4 | Inlet | 37 | 37 | 62 | 63 | 63 | 62 | 59 | 43 | 69 |
| | Outlet | 39 | 35 | 60 | 62 | 59 | 64 | 53 | 40 | 68 |
| | Break-Out | 32 | 31 | 49 | 53 | 58 | 58 | 53 | 34 | 62 |
| 5 | Inlet | 31 | 34 | 59 | 60 | 61 | 59 | 53 | 40 | 66 |
| | Outlet | 33 | 33 | 57 | 59 | 58 | 62 | 48 | 37 | 66 |
| | Break-Out | 26 | 29 | 46 | 51 | 55 | 56 | 47 | 31 | 60 |
| 6 | Inlet | 31 | 33 | 56 | 58 | 60 | 58 | 52 | 42 | 65 |
| | Outlet | 31 | 33 | 54 | 58 | 60 | 62 | 49 | 41 | 66 |
| | Break-Out | 25 | 27 | 43 | 49 | 55 | 55 | 46 | 35 | 59 |
| 7 | Inlet | 35 | 50 | 59 | 60 | 60 | 60 | 53 | 39 | 66 |
| | Outlet | 36 | 50 | 57 | 59 | 60 | 57 | 48 | 37 | 65 |
| | Break-Out | 30 | 45 | 46 | 50 | 55 | 56 | 47 | 29 | 60 |
| 8 | Inlet | 29 | 46 | 56 | 56 | 57 | 56 | 44 | 35 | 63 |
| | Outlet | 30 | 45 | 53 | 55 | 59 | 54 | 41 | 32 | 62 |
| | Break-Out | 24 | 41 | 43 | 47 | 52 | 53 | 38 | 25 | 56 |
| 9 | Inlet | 27 | 41 | 51 | 53 | 55 | 52 | 44 | 36 | 59 |
| | Outlet | 28 | 44 | 49 | 53 | 58 | 54 | 42 | 34 | 61 |
| | Break-Out | 22 | 36 | 38 | 43 | 50 | 48 | 37 | 27 | 53 |
| 10 | Inlet | 29 | 40 | 49 | 51 | 53 | 51 | 36 | 29 | 57 |
| | Outlet | 30 | 42 | 47 | 50 | 52 | 48 | 34 | 28 | 56 |
| | Break-Out | 26 | 35 | 38 | 50 | 48 | 45 | 30 | 21 | 53 |
| 11 | Inlet | 24 | 38 | 46 | 48 | 49 | 43 | 32 | 27 | 53 |
| | Outlet | 27 | 39 | 44 | 47 | 50 | 41 | 31 | 26 | 53 |
| | Break-Out | 21 | 34 | 35 | 42 | 47 | 40 | 26 | 20 | 49 |
| 12 | Inlet | 22 | 36 | 43 | 45 | 46 | 38 | 28 | 33 | 50 |
| | Outlet | 24 | 37 | 41 | 45 | 50 | 40 | 31 | 27 | 52 |
| | Break-Out | 19 | 31 | 31 | 39 | 43 | 35 | 26 | 20 | 45 |

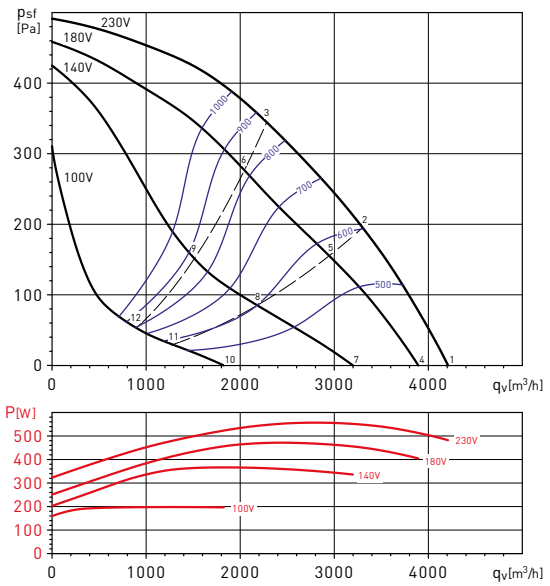
## PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- $q_v$: Airflow in $m^3/h$.
- $p_{sf}$: Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB/4-3000/355N D




CVAB/4-4000/400N D



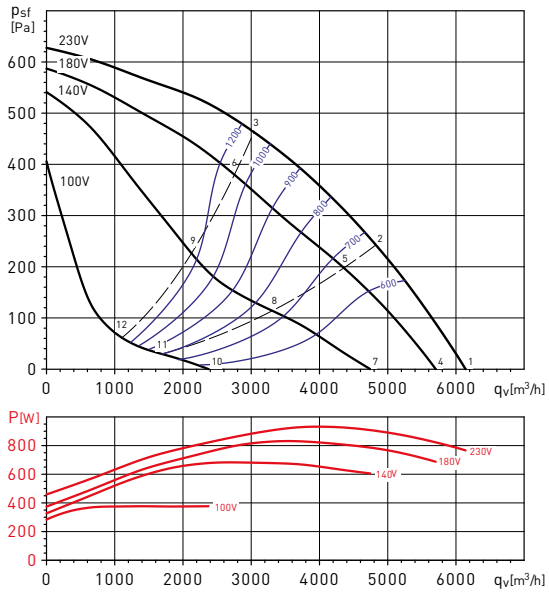

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 32 | 50 | 58 | 59 | 61 | 57 | 56 | 37 | 66 |
| | Outlet | 35 | 49 | 57 | 59 | 60 | 56 | 49 | 35 | 65 |
| | Break-Out | 26 | 43 | 46 | 49 | 55 | 56 | 51 | 28 | 60 |
| 2 | Inlet | 28 | 48 | 56 | 57 | 59 | 57 | 53 | 36 | 64 |
| | Outlet | 29 | 47 | 55 | 57 | 61 | 58 | 47 | 35 | 64 |
| | Break-Out | 22 | 41 | 44 | 48 | 54 | 56 | 48 | 27 | 59 |
| 3 | Inlet | 26 | 47 | 53 | 56 | 60 | 58 | 44 | 52 | 64 |
| | Outlet | 27 | 44 | 52 | 57 | 62 | 61 | 51 | 41 | 66 |
| | Break-Out | 21 | 41 | 42 | 47 | 54 | 57 | 47 | 35 | 60 |
| 4 | Inlet | 32 | 32 | 57 | 57 | 59 | 57 | 56 | 35 | 64 |
| | Outlet | 33 | 31 | 55 | 57 | 55 | 58 | 48 | 32 | 63 |
| | Break-Out | 26 | 28 | 42 | 47 | 54 | 56 | 51 | 27 | 60 |
| 5 | Inlet | 26 | 30 | 54 | 55 | 57 | 56 | 49 | 33 | 62 |
| | Outlet | 27 | 30 | 52 | 55 | 55 | 58 | 44 | 31 | 62 |
| | Break-Out | 21 | 25 | 39 | 46 | 53 | 55 | 45 | 25 | 58 |
| 6 | Inlet | 26 | 29 | 53 | 55 | 58 | 56 | 48 | 38 | 62 |
| | Outlet | 26 | 31 | 50 | 55 | 60 | 60 | 46 | 38 | 64 |
| | Break-Out | 20 | 25 | 38 | 46 | 54 | 55 | 44 | 31 | 58 |
| 7 | Inlet | 30 | 44 | 55 | 55 | 56 | 56 | 48 | 31 | 62 |
| | Outlet | 30 | 44 | 53 | 54 | 56 | 53 | 43 | 31 | 61 |
| | Break-Out | 23 | 38 | 40 | 45 | 51 | 54 | 42 | 22 | 56 |
| 8 | Inlet | 25 | 41 | 54 | 53 | 55 | 55 | 39 | 31 | 60 |
| | Outlet | 25 | 40 | 50 | 53 | 57 | 52 | 36 | 29 | 60 |
| | Break-Out | 18 | 35 | 39 | 43 | 50 | 53 | 33 | 21 | 55 |
| 9 | Inlet | 23 | 37 | 49 | 51 | 54 | 50 | 41 | 33 | 58 |
| | Outlet | 24 | 39 | 48 | 52 | 58 | 54 | 41 | 32 | 60 |
| | Break-Out | 17 | 31 | 34 | 41 | 49 | 48 | 35 | 24 | 52 |
| 10 | Inlet | 27 | 35 | 48 | 49 | 52 | 49 | 33 | 26 | 56 |
| | Outlet | 28 | 39 | 47 | 50 | 51 | 48 | 32 | 26 | 55 |
| | Break-Out | 22 | 30 | 34 | 50 | 47 | 42 | 26 | 17 | 52 |
| 11 | Inlet | 23 | 34 | 45 | 48 | 50 | 41 | 30 | 26 | 53 |
| | Outlet | 26 | 36 | 43 | 47 | 49 | 39 | 28 | 25 | 52 |
| | Break-Out | 18 | 29 | 31 | 41 | 48 | 38 | 23 | 17 | 49 |
| 12 | Inlet | 23 | 34 | 43 | 47 | 47 | 36 | 28 | 32 | 51 |
| | Outlet | 23 | 35 | 40 | 45 | 50 | 38 | 30 | 27 | 52 |
| | Break-Out | 17 | 29 | 30 | 40 | 45 | 34 | 25 | 19 | 47 |

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 37 | 55 | 63 | 64 | 65 | 62 | 60 | 45 | 70 |
| | Outlet | 40 | 55 | 61 | 64 | 65 | 60 | 54 | 42 | 69 |
| | Break-Out | 32 | 50 | 52 | 55 | 58 | 58 | 53 | 35 | 63 |
| 2 | Inlet | 32 | 53 | 60 | 62 | 63 | 60 | 56 | 42 | 68 |
| | Outlet | 35 | 52 | 59 | 61 | 65 | 61 | 51 | 40 | 68 |
| | Break-Out | 27 | 48 | 50 | 53 | 57 | 57 | 49 | 33 | 61 |
| 3 | Inlet | 32 | 52 | 58 | 61 | 63 | 61 | 47 | 55 | 67 |
| | Outlet | 32 | 49 | 56 | 60 | 64 | 62 | 53 | 44 | 68 |
| | Break-Out | 26 | 46 | 47 | 51 | 57 | 57 | 49 | 38 | 61 |
| 4 | Inlet | 37 | 37 | 62 | 63 | 63 | 62 | 59 | 43 | 69 |
| | Outlet | 39 | 35 | 60 | 62 | 59 | 64 | 53 | 40 | 68 |
| | Break-Out | 32 | 31 | 49 | 53 | 58 | 58 | 53 | 34 | 62 |
| 5 | Inlet | 31 | 34 | 59 | 60 | 61 | 59 | 53 | 40 | 66 |
| | Outlet | 33 | 33 | 57 | 59 | 58 | 62 | 48 | 37 | 66 |
| | Break-Out | 26 | 29 | 46 | 51 | 55 | 56 | 47 | 31 | 60 |
| 6 | Inlet | 31 | 33 | 56 | 58 | 60 | 58 | 52 | 42 | 65 |
| | Outlet | 31 | 33 | 54 | 58 | 60 | 62 | 49 | 41 | 66 |
| | Break-Out | 25 | 27 | 43 | 49 | 55 | 55 | 46 | 35 | 59 |
| 7 | Inlet | 35 | 50 | 59 | 60 | 60 | 60 | 53 | 39 | 66 |
| | Outlet | 36 | 50 | 57 | 59 | 60 | 57 | 48 | 37 | 65 |
| | Break-Out | 30 | 45 | 46 | 50 | 55 | 56 | 47 | 29 | 60 |
| 8 | Inlet | 29 | 46 | 56 | 56 | 57 | 56 | 44 | 35 | 63 |
| | Outlet | 30 | 45 | 53 | 55 | 59 | 54 | 41 | 32 | 62 |
| | Break-Out | 24 | 41 | 43 | 47 | 52 | 53 | 38 | 25 | 56 |
| 9 | Inlet | 27 | 41 | 51 | 53 | 55 | 52 | 44 | 36 | 59 |
| | Outlet | 28 | 44 | 49 | 53 | 58 | 54 | 42 | 34 | 61 |
| | Break-Out | 22 | 36 | 38 | 43 | 50 | 48 | 37 | 27 | 53 |
| 10 | Inlet | 29 | 40 | 49 | 51 | 53 | 51 | 36 | 29 | 57 |
| | Outlet | 30 | 42 | 47 | 50 | 52 | 48 | 34 | 28 | 56 |
| | Break-Out | 26 | 35 | 38 | 50 | 48 | 45 | 30 | 21 | 53 |
| 11 | Inlet | 24 | 38 | 46 | 48 | 49 | 43 | 32 | 27 | 53 |
| | Outlet | 27 | 39 | 44 | 47 | 50 | 41 | 31 | 26 | 53 |
| | Break-Out | 21 | 34 | 35 | 42 | 47 | 40 | 26 | 20 | 49 |
| 12 | Inlet | 22 | 36 | 43 | 45 | 46 | 38 | 28 | 33 | 50 |
| | Outlet | 24 | 37 | 41 | 45 | 50 | 40 | 31 | 27 | 52 |
| | Break-Out | 19 | 31 | 31 | 39 | 43 | 35 | 26 | 20 | 45 |

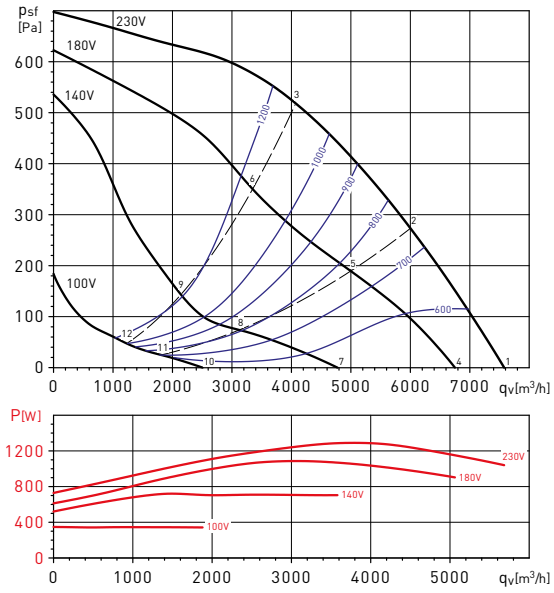
## PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- $q_v$: Airflow in $m^3/h$.
- $p_{sf}$: Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAB/4-6000/450N D




CVAB/4-9000/500N D



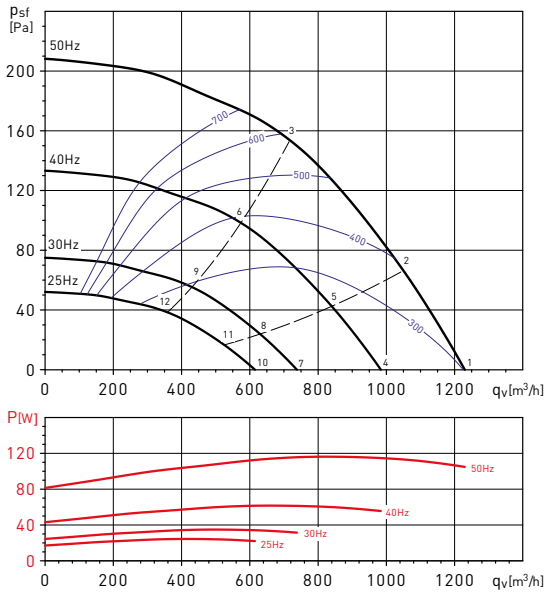

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 41 | 60 | 66 | 68 | 67 | 65 | 62 | 51 | 73 |
| | Outlet | 45 | 59 | 65 | 67 | 68 | 63 | 57 | 47 | 73 |
| | Break-Out | 36 | 55 | 57 | 59 | 61 | 59 | 54 | 41 | 66 |
| 2 | Inlet | 38 | 60 | 66 | 67 | 67 | 64 | 59 | 50 | 73 |
| | Outlet | 40 | 58 | 63 | 66 | 69 | 64 | 55 | 46 | 72 |
| | Break-Out | 33 | 55 | 57 | 58 | 60 | 58 | 52 | 40 | 65 |
| 3 | Inlet | 38 | 58 | 63 | 66 | 67 | 64 | 52 | 59 | 72 |
| | Outlet | 38 | 54 | 60 | 64 | 67 | 64 | 56 | 48 | 71 |
| | Break-Out | 33 | 53 | 54 | 56 | 60 | 58 | 51 | 42 | 64 |
| 4 | Inlet | 40 | 40 | 65 | 67 | 66 | 64 | 61 | 49 | 72 |
| | Outlet | 43 | 38 | 63 | 65 | 62 | 67 | 56 | 45 | 71 |
| | Break-Out | 35 | 34 | 55 | 57 | 59 | 58 | 53 | 39 | 64 |
| 5 | Inlet | 37 | 38 | 63 | 65 | 65 | 63 | 57 | 47 | 70 |
| | Outlet | 39 | 37 | 61 | 63 | 61 | 66 | 52 | 43 | 69 |
| | Break-Out | 32 | 32 | 53 | 55 | 58 | 56 | 49 | 37 | 62 |
| 6 | Inlet | 36 | 36 | 60 | 62 | 63 | 61 | 55 | 46 | 68 |
| | Outlet | 36 | 36 | 58 | 61 | 61 | 64 | 53 | 44 | 68 |
| | Break-Out | 31 | 30 | 49 | 53 | 57 | 55 | 48 | 38 | 61 |
| 7 | Inlet | 38 | 55 | 62 | 63 | 62 | 61 | 57 | 44 | 69 |
| | Outlet | 41 | 54 | 60 | 61 | 63 | 59 | 52 | 40 | 68 |
| | Break-Out | 35 | 49 | 52 | 54 | 57 | 56 | 50 | 35 | 62 |
| 8 | Inlet | 33 | 52 | 58 | 59 | 59 | 58 | 50 | 39 | 65 |
| | Outlet | 35 | 51 | 56 | 58 | 61 | 56 | 46 | 36 | 64 |
| | Break-Out | 30 | 46 | 48 | 50 | 53 | 52 | 43 | 30 | 58 |
| 9 | Inlet | 31 | 47 | 53 | 55 | 57 | 54 | 48 | 40 | 62 |
| | Outlet | 32 | 49 | 51 | 55 | 59 | 55 | 45 | 36 | 62 |
| | Break-Out | 27 | 41 | 43 | 47 | 51 | 48 | 41 | 30 | 55 |
| 10 | Inlet | 31 | 45 | 51 | 53 | 53 | 53 | 40 | 31 | 59 |
| | Outlet | 33 | 46 | 48 | 50 | 54 | 48 | 37 | 30 | 57 |
| | Break-Out | 29 | 40 | 41 | 49 | 47 | 46 | 32 | 23 | 53 |
| 11 | Inlet | 26 | 43 | 48 | 50 | 50 | 47 | 36 | 30 | 56 |
| | Outlet | 29 | 44 | 46 | 48 | 52 | 44 | 35 | 29 | 55 |
| | Break-Out | 24 | 38 | 38 | 43 | 45 | 41 | 28 | 22 | 49 |
| 12 | Inlet | 24 | 41 | 45 | 47 | 47 | 43 | 31 | 36 | 52 |
| | Outlet | 26 | 42 | 44 | 47 | 51 | 44 | 34 | 29 | 54 |
| | Break-Out | 23 | 36 | 35 | 40 | 43 | 37 | 28 | 23 | 46 |

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 46 | 65 | 71 | 73 | 71 | 69 | 66 | 58 | 78 |
| | Outlet | 50 | 65 | 69 | 71 | 73 | 68 | 62 | 54 | 77 |
| | Break-Out | 42 | 61 | 63 | 64 | 64 | 61 | 57 | 48 | 70 |
| 2 | Inlet | 42 | 65 | 69 | 71 | 70 | 67 | 61 | 56 | 76 |
| | Outlet | 45 | 62 | 66 | 69 | 71 | 65 | 58 | 51 | 75 |
| | Break-Out | 37 | 60 | 62 | 62 | 63 | 58 | 52 | 46 | 68 |
| 3 | Inlet | 43 | 63 | 68 | 70 | 70 | 67 | 56 | 62 | 76 |
| | Outlet | 43 | 59 | 64 | 67 | 70 | 65 | 59 | 51 | 73 |
| | Break-Out | 39 | 58 | 60 | 61 | 63 | 59 | 53 | 46 | 68 |
| 4 | Inlet | 45 | 45 | 71 | 73 | 70 | 69 | 65 | 58 | 77 |
| | Outlet | 50 | 44 | 69 | 70 | 67 | 73 | 61 | 53 | 76 |
| | Break-Out | 41 | 38 | 62 | 63 | 63 | 60 | 56 | 47 | 68 |
| 5 | Inlet | 41 | 41 | 67 | 69 | 67 | 65 | 60 | 53 | 74 |
| | Outlet | 43 | 40 | 64 | 66 | 63 | 69 | 55 | 48 | 72 |
| | Break-Out | 36 | 34 | 58 | 59 | 59 | 56 | 50 | 42 | 65 |
| 6 | Inlet | 41 | 39 | 64 | 66 | 66 | 64 | 59 | 51 | 72 |
| | Outlet | 42 | 39 | 61 | 63 | 62 | 67 | 56 | 48 | 70 |
| | Break-Out | 36 | 32 | 55 | 56 | 59 | 54 | 49 | 41 | 63 |
| 7 | Inlet | 43 | 61 | 66 | 68 | 66 | 65 | 62 | 51 | 73 |
| | Outlet | 47 | 60 | 63 | 65 | 67 | 62 | 57 | 45 | 72 |
| | Break-Out | 41 | 55 | 58 | 60 | 60 | 57 | 54 | 42 | 66 |
| 8 | Inlet | 36 | 55 | 59 | 61 | 59 | 58 | 54 | 41 | 66 |
| | Outlet | 38 | 55 | 57 | 59 | 61 | 56 | 48 | 38 | 65 |
| | Break-Out | 34 | 50 | 51 | 52 | 53 | 50 | 46 | 32 | 59 |
| 9 | Inlet | 34 | 51 | 55 | 57 | 58 | 56 | 51 | 42 | 63 |
| | Outlet | 36 | 53 | 52 | 56 | 59 | 55 | 47 | 38 | 63 |
| | Break-Out | 32 | 46 | 48 | 49 | 52 | 48 | 44 | 34 | 56 |
| 10 | Inlet | 33 | 50 | 53 | 56 | 54 | 56 | 44 | 35 | 61 |
| | Outlet | 36 | 50 | 50 | 51 | 56 | 49 | 40 | 33 | 59 |
| | Break-Out | 33 | 45 | 45 | 49 | 48 | 49 | 36 | 26 | 54 |
| 11 | Inlet | 26 | 46 | 48 | 50 | 49 | 49 | 38 | 31 | 56 |
| | Outlet | 30 | 47 | 47 | 48 | 52 | 45 | 36 | 29 | 55 |
| | Break-Out | 25 | 41 | 40 | 43 | 43 | 41 | 30 | 23 | 49 |
| 12 | Inlet | 25 | 45 | 45 | 47 | 47 | 47 | 33 | 38 | 53 |
| | Outlet | 28 | 45 | 45 | 48 | 52 | 46 | 37 | 30 | 55 |
| | Break-Out | 25 | 40 | 37 | 40 | 41 | 39 | 30 | 25 | 47 |

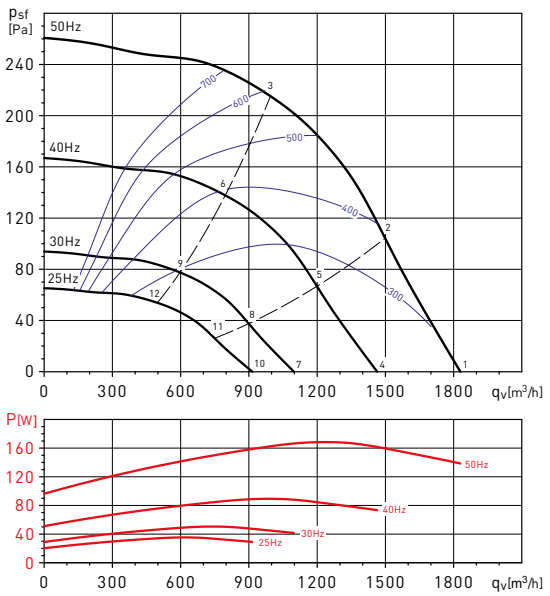
## PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- $q_v$: Airflow in $m^3/h$.
- $p_{sf}$: Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAT/4-1400/250N D 0,18kW




CVAT/4-2000/315N D 0,18kW



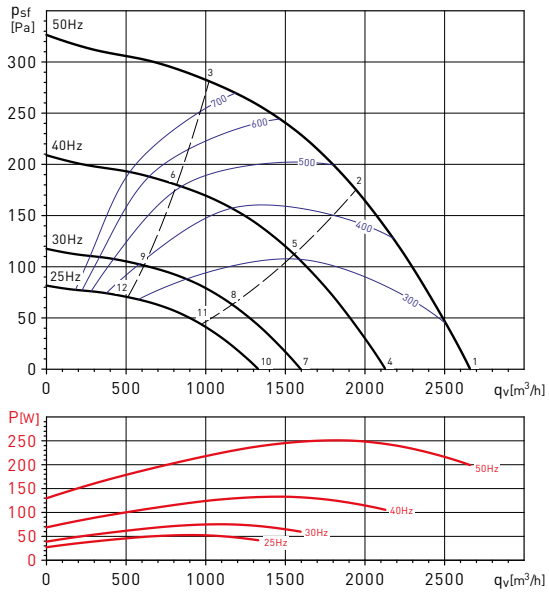

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 32 | 55 | 59 | 62 | 58 | 57 | 54 | 51 | 66 |
| | Outlet | 34 | 50 | 56 | 56 | 59 | 57 | 47 | 42 | 64 |
| | Break-Out | 28 | 44 | 45 | 48 | 47 | 45 | 36 | 30 | 53 |
| 2 | Inlet | 34 | 54 | 57 | 61 | 58 | 54 | 52 | 47 | 65 |
| | Outlet | 34 | 49 | 55 | 55 | 60 | 54 | 46 | 37 | 63 |
| | Break-Out | 29 | 42 | 43 | 47 | 47 | 42 | 34 | 24 | 52 |
| 3 | Inlet | 37 | 53 | 58 | 62 | 59 | 54 | 52 | 46 | 65 |
| | Outlet | 39 | 49 | 56 | 57 | 56 | 54 | 49 | 40 | 63 |
| | Break-Out | 31 | 41 | 43 | 48 | 48 | 44 | 35 | 25 | 53 |
| 4 | Inlet | 27 | 50 | 54 | 57 | 53 | 52 | 49 | 46 | 61 |
| | Outlet | 29 | 46 | 51 | 51 | 54 | 52 | 42 | 38 | 59 |
| | Break-Out | 23 | 39 | 40 | 43 | 43 | 40 | 31 | 25 | 48 |
| 5 | Inlet | 29 | 49 | 52 | 56 | 53 | 49 | 47 | 42 | 60 |
| | Outlet | 29 | 44 | 50 | 50 | 55 | 49 | 41 | 32 | 58 |
| | Break-Out | 24 | 38 | 38 | 42 | 42 | 37 | 30 | 19 | 47 |
| 6 | Inlet | 32 | 49 | 53 | 57 | 54 | 49 | 47 | 41 | 61 |
| | Outlet | 34 | 44 | 51 | 53 | 51 | 50 | 45 | 36 | 58 |
| | Break-Out | 26 | 37 | 38 | 43 | 43 | 39 | 30 | 20 | 48 |
| 7 | Inlet | 21 | 44 | 48 | 51 | 47 | 46 | 43 | 40 | 55 |
| | Outlet | 23 | 39 | 45 | 45 | 48 | 46 | 36 | 31 | 52 |
| | Break-Out | 17 | 33 | 33 | 37 | 36 | 34 | 25 | 18 | 42 |
| 8 | Inlet | 23 | 43 | 46 | 50 | 47 | 43 | 41 | 36 | 54 |
| | Outlet | 23 | 38 | 44 | 44 | 49 | 43 | 35 | 26 | 52 |
| | Break-Out | 18 | 31 | 32 | 36 | 35 | 31 | 23 | 13 | 41 |
| 9 | Inlet | 26 | 42 | 46 | 51 | 48 | 43 | 41 | 35 | 54 |
| | Outlet | 27 | 38 | 45 | 46 | 45 | 43 | 38 | 29 | 51 |
| | Break-Out | 20 | 30 | 31 | 37 | 37 | 33 | 24 | 14 | 41 |
| 10 | Inlet | 17 | 40 | 44 | 47 | 43 | 42 | 39 | 36 | 51 |
| | Outlet | 19 | 35 | 41 | 41 | 44 | 42 | 32 | 27 | 48 |
| | Break-Out | 13 | 29 | 30 | 33 | 32 | 30 | 21 | 15 | 38 |
| 11 | Inlet | 19 | 39 | 42 | 46 | 43 | 39 | 37 | 32 | 50 |
| | Outlet | 19 | 34 | 40 | 40 | 45 | 39 | 31 | 22 | 48 |
| | Break-Out | 14 | 27 | 28 | 32 | 32 | 27 | 19 | 9 | 37 |
| 12 | Inlet | 22 | 38 | 42 | 47 | 44 | 39 | 37 | 31 | 50 |
| | Outlet | 23 | 34 | 41 | 42 | 41 | 39 | 34 | 25 | 47 |
| | Break-Out | 16 | 26 | 27 | 33 | 33 | 29 | 20 | 10 | 38 |

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 37 | 60 | 63 | 66 | 63 | 62 | 58 | 54 | 71 |
| | Outlet | 40 | 56 | 61 | 61 | 64 | 62 | 52 | 47 | 69 |
| | Break-Out | 33 | 48 | 49 | 52 | 51 | 49 | 40 | 33 | 57 |
| 2 | Inlet | 38 | 59 | 62 | 64 | 62 | 58 | 56 | 51 | 69 |
| | Outlet | 39 | 54 | 60 | 59 | 64 | 58 | 50 | 41 | 67 |
| | Break-Out | 33 | 47 | 48 | 50 | 50 | 45 | 38 | 28 | 55 |
| 3 | Inlet | 40 | 57 | 61 | 64 | 61 | 57 | 55 | 49 | 68 |
| | Outlet | 42 | 53 | 59 | 61 | 59 | 57 | 52 | 43 | 66 |
| | Break-Out | 35 | 45 | 46 | 50 | 50 | 46 | 37 | 28 | 55 |
| 4 | Inlet | 32 | 55 | 58 | 61 | 58 | 58 | 53 | 50 | 66 |
| | Outlet | 35 | 51 | 56 | 56 | 59 | 57 | 47 | 42 | 64 |
| | Break-Out | 28 | 43 | 45 | 47 | 46 | 44 | 35 | 29 | 52 |
| 5 | Inlet | 33 | 54 | 57 | 60 | 57 | 53 | 51 | 46 | 64 |
| | Outlet | 34 | 49 | 55 | 54 | 59 | 53 | 46 | 37 | 63 |
| | Break-Out | 28 | 42 | 43 | 45 | 45 | 40 | 33 | 23 | 51 |
| 6 | Inlet | 35 | 52 | 56 | 59 | 57 | 52 | 50 | 44 | 63 |
| | Outlet | 37 | 49 | 54 | 56 | 54 | 52 | 47 | 39 | 61 |
| | Break-Out | 30 | 40 | 42 | 45 | 45 | 41 | 32 | 23 | 50 |
| 7 | Inlet | 26 | 49 | 52 | 55 | 51 | 51 | 47 | 43 | 59 |
| | Outlet | 29 | 45 | 50 | 50 | 53 | 50 | 41 | 36 | 57 |
| | Break-Out | 22 | 37 | 38 | 41 | 40 | 38 | 29 | 22 | 46 |
| 8 | Inlet | 27 | 48 | 51 | 53 | 50 | 47 | 45 | 40 | 58 |
| | Outlet | 28 | 43 | 49 | 48 | 53 | 47 | 39 | 30 | 56 |
| | Break-Out | 22 | 36 | 37 | 39 | 39 | 34 | 27 | 17 | 44 |
| 9 | Inlet | 29 | 46 | 50 | 53 | 50 | 46 | 44 | 38 | 57 |
| | Outlet | 31 | 42 | 48 | 50 | 48 | 46 | 41 | 32 | 55 |
| | Break-Out | 24 | 34 | 35 | 39 | 39 | 35 | 26 | 17 | 44 |
| 10 | Inlet | 22 | 45 | 48 | 51 | 47 | 47 | 43 | 39 | 56 |
| | Outlet | 25 | 41 | 46 | 46 | 49 | 47 | 37 | 32 | 54 |
| | Break-Out | 18 | 33 | 34 | 37 | 36 | 34 | 25 | 18 | 42 |
| 11 | Inlet | 23 | 44 | 47 | 49 | 47 | 43 | 41 | 36 | 54 |
| | Outlet | 24 | 39 | 45 | 44 | 49 | 43 | 35 | 26 | 52 |
| | Break-Out | 18 | 32 | 33 | 35 | 35 | 30 | 23 | 13 | 40 |
| 12 | Inlet | 25 | 42 | 46 | 49 | 46 | 42 | 40 | 34 | 53 |
| | Outlet | 27 | 38 | 44 | 46 | 44 | 42 | 37 | 28 | 51 |
| | Break-Out | 20 | 30 | 31 | 35 | 35 | 31 | 22 | 13 | 40 |

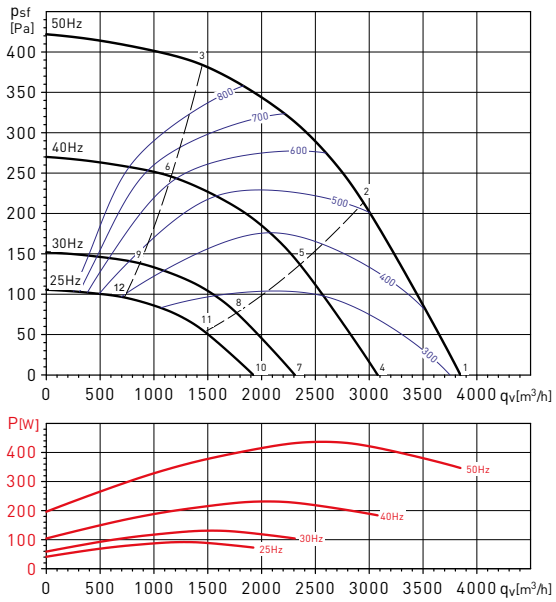
## PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- $q_v$: Airflow in $m^3/h$.
- $p_{sf}$: Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAT/4-3000/355N D 0,18kW




CVAT/4-4000/400N D 0,37kW



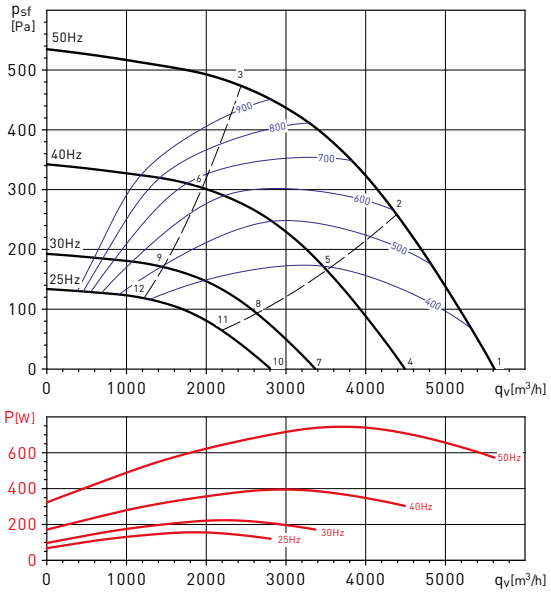

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 41 | 64 | 67 | 69 | 66 | 67 | 61 | 57 | 74 |
| | Outlet | 45 | 61 | 65 | 66 | 68 | 66 | 57 | 50 | 73 |
| | Break-Out | 37 | 52 | 54 | 55 | 54 | 53 | 43 | 37 | 61 |
| 2 | Inlet | 40 | 61 | 64 | 66 | 64 | 61 | 57 | 52 | 71 |
| | Outlet | 42 | 58 | 63 | 62 | 67 | 60 | 53 | 44 | 70 |
| | Break-Out | 35 | 50 | 51 | 52 | 52 | 47 | 40 | 31 | 58 |
| 3 | Inlet | 41 | 58 | 61 | 63 | 61 | 57 | 55 | 49 | 68 |
| | Outlet | 43 | 55 | 59 | 61 | 59 | 57 | 51 | 44 | 66 |
| | Break-Out | 36 | 47 | 48 | 50 | 50 | 46 | 38 | 29 | 56 |
| 4 | Inlet | 37 | 59 | 62 | 64 | 61 | 62 | 56 | 53 | 69 |
| | Outlet | 40 | 56 | 61 | 61 | 63 | 61 | 52 | 45 | 68 |
| | Break-Out | 32 | 47 | 49 | 50 | 49 | 48 | 39 | 32 | 56 |
| 5 | Inlet | 35 | 57 | 59 | 61 | 59 | 56 | 53 | 48 | 66 |
| | Outlet | 38 | 53 | 58 | 57 | 62 | 55 | 48 | 39 | 65 |
| | Break-Out | 30 | 45 | 46 | 47 | 47 | 42 | 35 | 26 | 53 |
| 6 | Inlet | 36 | 53 | 56 | 58 | 56 | 53 | 50 | 44 | 63 |
| | Outlet | 38 | 50 | 54 | 56 | 54 | 52 | 47 | 39 | 61 |
| | Break-Out | 31 | 42 | 43 | 45 | 45 | 41 | 33 | 24 | 51 |
| 7 | Inlet | 30 | 53 | 56 | 58 | 55 | 56 | 50 | 46 | 63 |
| | Outlet | 34 | 50 | 54 | 55 | 57 | 55 | 46 | 39 | 62 |
| | Break-Out | 26 | 41 | 43 | 44 | 43 | 42 | 32 | 25 | 50 |
| 8 | Inlet | 29 | 50 | 53 | 55 | 53 | 50 | 46 | 41 | 60 |
| | Outlet | 31 | 47 | 52 | 51 | 56 | 49 | 42 | 33 | 59 |
| | Break-Out | 24 | 39 | 40 | 41 | 40 | 36 | 29 | 20 | 47 |
| 9 | Inlet | 30 | 47 | 50 | 52 | 50 | 46 | 43 | 38 | 57 |
| | Outlet | 32 | 44 | 48 | 50 | 48 | 46 | 40 | 32 | 55 |
| | Break-Out | 25 | 36 | 37 | 39 | 39 | 35 | 27 | 18 | 45 |
| 10 | Inlet | 26 | 49 | 52 | 54 | 51 | 52 | 46 | 42 | 59 |
| | Outlet | 30 | 46 | 50 | 51 | 53 | 51 | 42 | 35 | 58 |
| | Break-Out | 22 | 37 | 39 | 40 | 39 | 38 | 28 | 22 | 46 |
| 11 | Inlet | 25 | 46 | 49 | 51 | 49 | 46 | 42 | 37 | 56 |
| | Outlet | 27 | 43 | 48 | 47 | 52 | 45 | 38 | 29 | 55 |
| | Break-Out | 20 | 35 | 36 | 37 | 37 | 32 | 25 | 16 | 43 |
| 12 | Inlet | 26 | 43 | 46 | 48 | 46 | 42 | 39 | 34 | 53 |
| | Outlet | 28 | 40 | 44 | 46 | 44 | 42 | 36 | 28 | 51 |
| | Break-Out | 21 | 32 | 33 | 35 | 35 | 31 | 23 | 14 | 41 |

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 45 | 67 | 70 | 71 | 68 | 70 | 64 | 59 | 77 |
| | Outlet | 50 | 65 | 68 | 69 | 71 | 69 | 60 | 52 | 76 |
| | Break-Out | 40 | 55 | 57 | 57 | 56 | 55 | 46 | 39 | 63 |
| 2 | Inlet | 43 | 65 | 68 | 69 | 67 | 65 | 61 | 56 | 74 |
| | Outlet | 47 | 63 | 68 | 66 | 71 | 64 | 57 | 49 | 74 |
| | Break-Out | 38 | 54 | 55 | 55 | 54 | 50 | 43 | 34 | 61 |
| 3 | Inlet | 44 | 62 | 65 | 66 | 64 | 61 | 57 | 52 | 71 |
| | Outlet | 47 | 59 | 62 | 65 | 62 | 60 | 54 | 47 | 69 |
| | Break-Out | 40 | 51 | 52 | 52 | 52 | 48 | 40 | 32 | 59 |
| 4 | Inlet | 40 | 62 | 65 | 66 | 64 | 65 | 59 | 55 | 72 |
| | Outlet | 45 | 61 | 64 | 65 | 66 | 64 | 55 | 48 | 71 |
| | Break-Out | 35 | 50 | 52 | 52 | 51 | 50 | 41 | 34 | 58 |
| 5 | Inlet | 38 | 61 | 63 | 64 | 62 | 60 | 56 | 51 | 70 |
| | Outlet | 42 | 58 | 63 | 61 | 66 | 59 | 52 | 44 | 69 |
| | Break-Out | 33 | 49 | 51 | 50 | 49 | 45 | 38 | 29 | 56 |
| 6 | Inlet | 39 | 57 | 60 | 61 | 59 | 56 | 52 | 47 | 66 |
| | Outlet | 42 | 54 | 57 | 60 | 57 | 55 | 49 | 42 | 64 |
| | Break-Out | 35 | 46 | 48 | 48 | 47 | 43 | 36 | 28 | 54 |
| 7 | Inlet | 33 | 56 | 59 | 60 | 57 | 59 | 53 | 48 | 66 |
| | Outlet | 39 | 54 | 57 | 58 | 60 | 58 | 49 | 41 | 65 |
| | Break-Out | 29 | 44 | 46 | 46 | 45 | 44 | 35 | 28 | 52 |
| 8 | Inlet | 32 | 54 | 57 | 58 | 56 | 54 | 49 | 44 | 63 |
| | Outlet | 36 | 52 | 57 | 55 | 60 | 53 | 46 | 37 | 63 |
| | Break-Out | 27 | 43 | 44 | 44 | 43 | 39 | 32 | 23 | 50 |
| 9 | Inlet | 33 | 51 | 53 | 55 | 53 | 50 | 46 | 41 | 60 |
| | Outlet | 36 | 48 | 51 | 54 | 51 | 49 | 43 | 36 | 58 |
| | Break-Out | 28 | 40 | 41 | 41 | 41 | 37 | 29 | 21 | 48 |
| 10 | Inlet | 29 | 52 | 55 | 56 | 53 | 55 | 49 | 44 | 62 |
| | Outlet | 35 | 50 | 53 | 54 | 56 | 54 | 45 | 37 | 61 |
| | Break-Out | 25 | 40 | 42 | 42 | 41 | 40 | 31 | 24 | 48 |
| 11 | Inlet | 28 | 50 | 53 | 54 | 52 | 50 | 46 | 41 | 59 |
| | Outlet | 32 | 48 | 53 | 51 | 56 | 49 | 42 | 34 | 59 |
| | Break-Out | 23 | 39 | 40 | 40 | 39 | 35 | 28 | 19 | 46 |
| 12 | Inlet | 29 | 47 | 50 | 51 | 49 | 46 | 42 | 37 | 56 |
| | Outlet | 32 | 44 | 47 | 50 | 47 | 45 | 39 | 32 | 54 |
| | Break-Out | 25 | 36 | 37 | 37 | 37 | 33 | 25 | 17 | 44 |

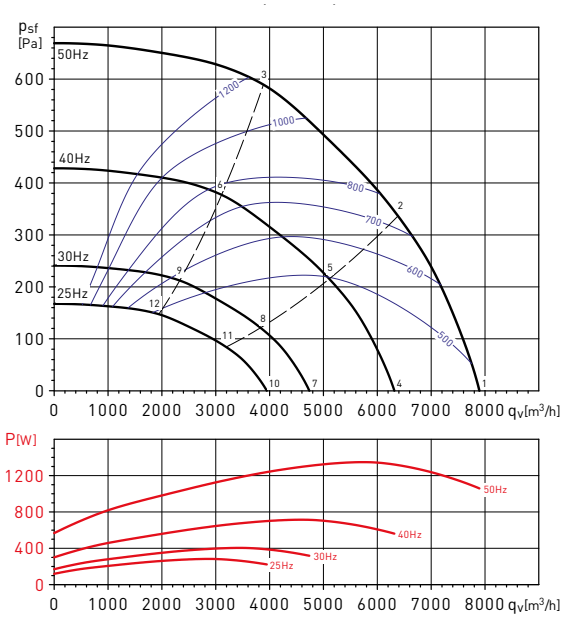
## PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- $q_v$: Airflow in $m^3/h$.
- $p_{sf}$: Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAT/4-6000/450N D 0,75kW




CVAT/4-9000/500N D 1,1kW



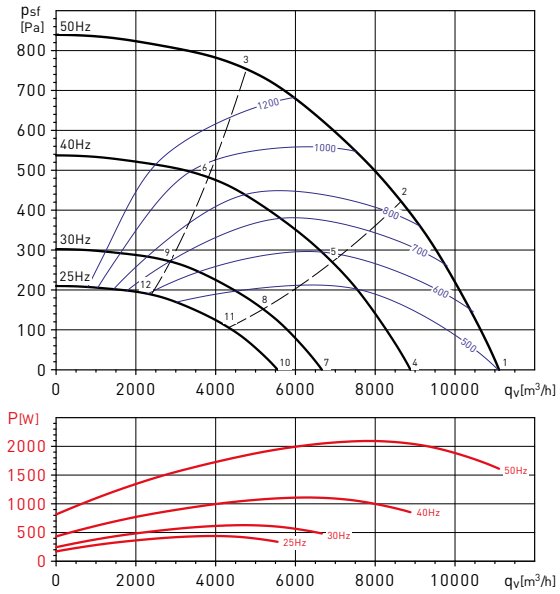

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 48 | 71 | 73 | 74 | 71 | 74 | 67 | 62 | 80 |
| | Outlet | 55 | 70 | 72 | 74 | 75 | 72 | 64 | 55 | 80 |
| | Break-Out | 43 | 59 | 61 | 59 | 58 | 58 | 49 | 41 | 66 |
| 2 | Inlet | 46 | 69 | 72 | 72 | 70 | 69 | 64 | 59 | 78 |
| | Outlet | 52 | 68 | 72 | 70 | 75 | 67 | 60 | 53 | 78 |
| | Break-Out | 41 | 58 | 60 | 58 | 57 | 53 | 46 | 38 | 65 |
| 3 | Inlet | 49 | 68 | 69 | 70 | 68 | 66 | 61 | 57 | 75 |
| | Outlet | 52 | 65 | 67 | 70 | 67 | 64 | 59 | 52 | 75 |
| | Break-Out | 44 | 57 | 58 | 56 | 55 | 51 | 44 | 37 | 63 |
| 4 | Inlet | 43 | 66 | 69 | 69 | 67 | 69 | 62 | 57 | 75 |
| | Outlet | 50 | 65 | 67 | 69 | 70 | 68 | 59 | 51 | 75 |
| | Break-Out | 38 | 54 | 56 | 55 | 54 | 54 | 44 | 37 | 62 |
| 5 | Inlet | 41 | 64 | 67 | 67 | 65 | 64 | 59 | 54 | 73 |
| | Outlet | 47 | 63 | 67 | 65 | 70 | 62 | 56 | 48 | 74 |
| | Break-Out | 36 | 53 | 55 | 53 | 52 | 48 | 41 | 33 | 60 |
| 6 | Inlet | 44 | 63 | 65 | 65 | 63 | 61 | 57 | 52 | 71 |
| | Outlet | 48 | 61 | 62 | 66 | 62 | 60 | 54 | 47 | 70 |
| | Break-Out | 40 | 52 | 53 | 51 | 51 | 46 | 39 | 32 | 58 |
| 7 | Inlet | 37 | 60 | 62 | 63 | 60 | 63 | 56 | 51 | 69 |
| | Outlet | 44 | 59 | 61 | 62 | 64 | 61 | 53 | 44 | 69 |
| | Break-Out | 32 | 48 | 50 | 48 | 47 | 47 | 38 | 30 | 55 |
| 8 | Inlet | 35 | 58 | 61 | 61 | 59 | 57 | 52 | 47 | 67 |
| | Outlet | 41 | 57 | 61 | 59 | 64 | 56 | 49 | 42 | 67 |
| | Break-Out | 30 | 46 | 49 | 47 | 46 | 42 | 35 | 27 | 53 |
| 9 | Inlet | 38 | 57 | 58 | 58 | 57 | 54 | 50 | 46 | 64 |
| | Outlet | 41 | 54 | 56 | 59 | 56 | 53 | 47 | 41 | 64 |
| | Break-Out | 33 | 46 | 47 | 45 | 44 | 40 | 33 | 26 | 52 |
| 10 | Inlet | 33 | 56 | 58 | 59 | 56 | 59 | 52 | 47 | 65 |
| | Outlet | 40 | 55 | 57 | 58 | 60 | 57 | 49 | 40 | 65 |
| | Break-Out | 28 | 44 | 46 | 44 | 43 | 43 | 34 | 26 | 51 |
| 11 | Inlet | 31 | 54 | 57 | 57 | 55 | 54 | 48 | 43 | 63 |
| | Outlet | 37 | 53 | 57 | 55 | 60 | 52 | 45 | 38 | 63 |
| | Break-Out | 26 | 43 | 45 | 43 | 42 | 38 | 31 | 23 | 50 |
| 12 | Inlet | 34 | 53 | 54 | 54 | 53 | 50 | 46 | 42 | 60 |
| | Outlet | 37 | 50 | 52 | 55 | 52 | 49 | 43 | 37 | 60 |
| | Break-Out | 29 | 42 | 43 | 41 | 40 | 36 | 29 | 22 | 48 |

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 51 | 73 | 75 | 75 | 73 | 77 | 68 | 63 | 82 |
| | Outlet | 58 | 73 | 74 | 76 | 77 | 75 | 67 | 57 | 83 |
| | Break-out | 46 | 61 | 63 | 61 | 60 | 60 | 50 | 43 | 68 |
| 2 | Inlet | 48 | 73 | 75 | 75 | 73 | 72 | 66 | 61 | 81 |
| | Outlet | 56 | 72 | 77 | 74 | 78 | 71 | 64 | 57 | 82 |
| | Break-out | 43 | 61 | 64 | 61 | 59 | 56 | 49 | 41 | 68 |
| 3 | Inlet | 54 | 73 | 74 | 73 | 72 | 70 | 65 | 61 | 80 |
| | Outlet | 58 | 71 | 72 | 75 | 72 | 69 | 62 | 56 | 79 |
| | Break-out | 49 | 62 | 63 | 59 | 58 | 54 | 48 | 41 | 67 |
| 4 | Inlet | 46 | 68 | 71 | 70 | 68 | 72 | 64 | 58 | 77 |
| | Outlet | 53 | 68 | 70 | 71 | 72 | 70 | 62 | 52 | 78 |
| | Break-out | 41 | 56 | 59 | 56 | 55 | 55 | 45 | 38 | 63 |
| 5 | Inlet | 44 | 68 | 71 | 70 | 68 | 67 | 61 | 56 | 76 |
| | Outlet | 52 | 67 | 72 | 69 | 74 | 66 | 59 | 52 | 77 |
| | Break-out | 39 | 56 | 59 | 56 | 55 | 51 | 44 | 36 | 63 |
| 6 | Inlet | 49 | 68 | 69 | 68 | 67 | 65 | 60 | 56 | 75 |
| | Outlet | 53 | 66 | 67 | 70 | 67 | 64 | 58 | 51 | 74 |
| | Break-out | 44 | 57 | 58 | 54 | 54 | 49 | 43 | 36 | 62 |
| 7 | Inlet | 40 | 62 | 64 | 64 | 62 | 66 | 57 | 52 | 71 |
| | Outlet | 47 | 62 | 63 | 65 | 66 | 64 | 56 | 46 | 71 |
| | Break-out | 35 | 50 | 52 | 50 | 49 | 49 | 39 | 32 | 57 |
| 8 | Inlet | 37 | 62 | 64 | 64 | 62 | 61 | 55 | 50 | 70 |
| | Outlet | 45 | 61 | 65 | 63 | 67 | 60 | 53 | 46 | 71 |
| | Break-out | 32 | 50 | 53 | 50 | 48 | 44 | 37 | 30 | 57 |
| 9 | Inlet | 42 | 61 | 63 | 62 | 60 | 59 | 54 | 50 | 68 |
| | Outlet | 46 | 60 | 61 | 64 | 61 | 57 | 51 | 45 | 68 |
| | Break-out | 38 | 50 | 52 | 48 | 47 | 43 | 37 | 30 | 56 |
| 10 | Inlet | 36 | 58 | 60 | 60 | 58 | 62 | 53 | 48 | 67 |
| | Outlet | 43 | 58 | 59 | 61 | 62 | 60 | 52 | 42 | 68 |
| | Break-out | 31 | 46 | 48 | 46 | 45 | 45 | 35 | 28 | 53 |
| 11 | Inlet | 33 | 58 | 60 | 60 | 58 | 57 | 51 | 46 | 66 |
| | Outlet | 41 | 57 | 62 | 59 | 63 | 56 | 49 | 42 | 67 |
| | Break-out | 28 | 46 | 49 | 46 | 44 | 40 | 33 | 26 | 53 |
| 12 | Inlet | 39 | 57 | 59 | 58 | 56 | 55 | 50 | 46 | 64 |
| | Outlet | 42 | 56 | 57 | 60 | 57 | 53 | 47 | 41 | 64 |
| | Break-out | 34 | 47 | 48 | 44 | 43 | 39 | 33 | 26 | 52 |

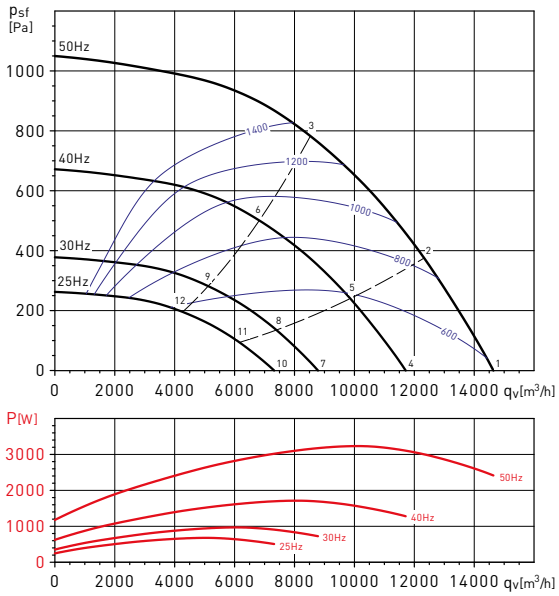
## PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- $q_v$: Airflow in $m^3/h$.
- $p_{sf}$: Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAT/4-12000/560N D 2,2kW




CVAT/4-16000/630N D 3kW



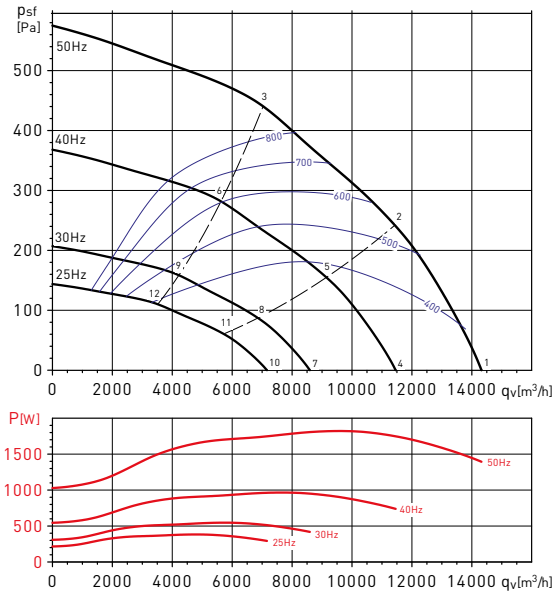

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 55 | 77 | 79 | 78 | 76 | 81 | 72 | 66 | 86 |
| | Outlet | 63 | 78 | 78 | 81 | 81 | 78 | 71 | 60 | 87 |
| | Break-Out | 49 | 64 | 67 | 64 | 62 | 63 | 53 | 46 | 72 |
| 2 | Inlet | 51 | 76 | 78 | 77 | 76 | 75 | 69 | 64 | 84 |
| | Outlet | 60 | 76 | 80 | 77 | 81 | 73 | 67 | 60 | 85 |
| | Break-Out | 46 | 64 | 67 | 63 | 61 | 58 | 51 | 44 | 71 |
| 3 | Inlet | 56 | 75 | 76 | 74 | 73 | 72 | 67 | 63 | 81 |
| | Outlet | 60 | 74 | 74 | 78 | 74 | 70 | 64 | 58 | 81 |
| | Break-Out | 51 | 65 | 66 | 61 | 60 | 55 | 49 | 43 | 70 |
| 4 | Inlet | 50 | 72 | 74 | 73 | 71 | 76 | 67 | 61 | 81 |
| | Outlet | 58 | 73 | 73 | 76 | 76 | 74 | 66 | 55 | 82 |
| | Break-Out | 44 | 60 | 63 | 59 | 58 | 59 | 49 | 41 | 67 |
| 5 | Inlet | 46 | 71 | 73 | 72 | 71 | 70 | 64 | 59 | 79 |
| | Outlet | 55 | 71 | 75 | 72 | 76 | 68 | 62 | 55 | 81 |
| | Break-Out | 41 | 59 | 62 | 58 | 57 | 53 | 46 | 39 | 66 |
| 6 | Inlet | 51 | 70 | 71 | 69 | 68 | 67 | 62 | 58 | 77 |
| | Outlet | 55 | 69 | 69 | 73 | 69 | 65 | 59 | 53 | 77 |
| | Break-Out | 46 | 60 | 61 | 56 | 55 | 50 | 45 | 39 | 65 |
| 7 | Inlet | 44 | 66 | 68 | 67 | 65 | 70 | 61 | 55 | 75 |
| | Outlet | 52 | 67 | 67 | 69 | 70 | 67 | 60 | 49 | 76 |
| | Break-Out | 38 | 53 | 56 | 52 | 51 | 52 | 42 | 35 | 61 |
| 8 | Inlet | 39 | 65 | 67 | 66 | 64 | 64 | 57 | 52 | 73 |
| | Outlet | 49 | 65 | 69 | 66 | 70 | 62 | 56 | 49 | 74 |
| | Break-Out | 34 | 53 | 56 | 52 | 50 | 47 | 40 | 33 | 60 |
| 9 | Inlet | 45 | 64 | 65 | 63 | 62 | 61 | 56 | 52 | 70 |
| | Outlet | 49 | 63 | 62 | 66 | 62 | 59 | 53 | 47 | 70 |
| | Break-Out | 40 | 53 | 55 | 49 | 49 | 44 | 38 | 32 | 59 |
| 10 | Inlet | 40 | 62 | 64 | 63 | 61 | 66 | 57 | 51 | 71 |
| | Outlet | 48 | 63 | 63 | 65 | 66 | 63 | 56 | 45 | 72 |
| | Break-Out | 34 | 49 | 52 | 49 | 47 | 48 | 38 | 31 | 57 |
| 11 | Inlet | 36 | 61 | 63 | 62 | 61 | 60 | 53 | 48 | 69 |
| | Outlet | 45 | 61 | 65 | 62 | 66 | 58 | 52 | 45 | 70 |
| | Break-Out | 31 | 49 | 52 | 48 | 46 | 43 | 36 | 29 | 56 |
| 12 | Inlet | 41 | 60 | 61 | 59 | 58 | 57 | 52 | 48 | 66 |
| | Outlet | 45 | 59 | 59 | 62 | 59 | 55 | 49 | 43 | 66 |
| | Break-Out | 36 | 49 | 51 | 45 | 45 | 40 | 34 | 28 | 55 |

| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 57 | 79 | 81 | 80 | 78 | 84 | 74 | 68 | 88 |
| | Outlet | 67 | 82 | 81 | 84 | 84 | 81 | 74 | 62 | 90 |
| | Break-Out | 52 | 67 | 70 | 65 | 64 | 66 | 56 | 48 | 74 |
| 2 | Inlet | 53 | 79 | 82 | 80 | 78 | 78 | 71 | 66 | 87 |
| | Outlet | 64 | 81 | 84 | 81 | 85 | 76 | 70 | 64 | 89 |
| | Break-Out | 48 | 68 | 71 | 66 | 64 | 60 | 53 | 47 | 74 |
| 3 | Inlet | 61 | 81 | 81 | 78 | 78 | 77 | 71 | 68 | 87 |
| | Outlet | 66 | 81 | 79 | 84 | 79 | 75 | 69 | 64 | 88 |
| | Break-Out | 56 | 70 | 71 | 65 | 64 | 59 | 54 | 48 | 75 |
| 4 | Inlet | 53 | 75 | 77 | 75 | 74 | 79 | 69 | 63 | 83 |
| | Outlet | 62 | 77 | 76 | 79 | 79 | 76 | 69 | 57 | 85 |
| | Break-Out | 47 | 62 | 66 | 61 | 59 | 61 | 51 | 43 | 69 |
| 5 | Inlet | 48 | 75 | 77 | 75 | 74 | 74 | 66 | 61 | 82 |
| | Outlet | 60 | 76 | 79 | 76 | 80 | 72 | 65 | 59 | 84 |
| | Break-Out | 43 | 63 | 66 | 61 | 59 | 55 | 48 | 42 | 69 |
| 6 | Inlet | 56 | 76 | 77 | 74 | 73 | 72 | 67 | 63 | 82 |
| | Outlet | 61 | 76 | 74 | 79 | 74 | 71 | 64 | 59 | 83 |
| | Break-Out | 52 | 65 | 67 | 60 | 59 | 54 | 49 | 44 | 70 |
| 7 | Inlet | 46 | 68 | 70 | 69 | 67 | 73 | 63 | 57 | 77 |
| | Outlet | 56 | 70 | 70 | 73 | 73 | 70 | 63 | 51 | 78 |
| | Break-Out | 41 | 56 | 59 | 54 | 53 | 55 | 45 | 37 | 63 |
| 8 | Inlet | 42 | 68 | 71 | 69 | 67 | 67 | 60 | 55 | 76 |
| | Outlet | 53 | 69 | 73 | 69 | 74 | 65 | 59 | 53 | 78 |
| | Break-Out | 37 | 57 | 60 | 54 | 53 | 49 | 42 | 36 | 63 |
| 9 | Inlet | 50 | 70 | 70 | 67 | 67 | 66 | 60 | 57 | 76 |
| | Outlet | 55 | 70 | 68 | 72 | 68 | 64 | 58 | 53 | 76 |
| | Break-Out | 45 | 59 | 60 | 53 | 53 | 48 | 43 | 37 | 64 |
| 10 | Inlet | 42 | 64 | 66 | 65 | 63 | 69 | 59 | 53 | 73 |
| | Outlet | 52 | 67 | 66 | 69 | 69 | 66 | 59 | 47 | 74 |
| | Break-Out | 37 | 52 | 55 | 50 | 49 | 51 | 41 | 33 | 59 |
| 11 | Inlet | 38 | 64 | 67 | 65 | 63 | 63 | 56 | 51 | 72 |
| | Outlet | 49 | 65 | 69 | 65 | 70 | 61 | 55 | 49 | 74 |
| | Break-Out | 33 | 53 | 56 | 50 | 49 | 45 | 38 | 32 | 59 |
| 12 | Inlet | 46 | 66 | 66 | 63 | 63 | 62 | 56 | 53 | 72 |
| | Outlet | 51 | 66 | 64 | 69 | 64 | 60 | 54 | 49 | 72 |
| | Break-Out | 41 | 55 | 56 | 49 | 49 | 44 | 39 | 33 | 60 |

## PERFORMANCE CURVES - ACOUSTIC CHARACTERISTICS

- $q_v$: Airflow in $m^3/h$.
- $p_{sf}$: Static pressure in Pa.
- P: Input power in W.
- SFP: Specific fan power in $W/m^3/s$ (blue curves).
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CVAT/6-15000/710N D 1,5kW




| Working point | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Inlet | 58 | 80 | 82 | 80 | 78 | 85 | 74 | 67 | 89 |
| | Outlet | 68 | 83 | 81 | 84 | 84 | 81 | 74 | 62 | 90 |
| | Break-Out | 53 | 69 | 72 | 66 | 65 | 67 | 56 | 48 | 75 |
| 2 | Inlet | 52 | 79 | 81 | 79 | 78 | 78 | 70 | 65 | 86 |
| | Outlet | 64 | 81 | 84 | 80 | 84 | 75 | 69 | 63 | 89 |
| | Break-Out | 48 | 68 | 72 | 65 | 63 | 60 | 53 | 47 | 75 |
| 3 | Inlet | 60 | 80 | 80 | 76 | 76 | 76 | 70 | 67 | 85 |
| | Outlet | 65 | 80 | 77 | 82 | 77 | 73 | 66 | 62 | 86 |
| | Break-Out | 56 | 71 | 72 | 63 | 62 | 57 | 53 | 48 | 75 |
| 4 | Inlet | 53 | 75 | 77 | 75 | 74 | 80 | 69 | 63 | 84 |
| | Outlet | 64 | 78 | 76 | 79 | 79 | 76 | 69 | 57 | 85 |
| | Break-Out | 48 | 64 | 67 | 61 | 60 | 62 | 51 | 43 | 71 |
| 5 | Inlet | 47 | 74 | 76 | 74 | 73 | 73 | 65 | 60 | 81 |
| | Outlet | 59 | 76 | 79 | 75 | 79 | 70 | 64 | 58 | 84 |
| | Break-Out | 43 | 63 | 67 | 60 | 58 | 55 | 48 | 43 | 70 |
| 6 | Inlet | 55 | 76 | 75 | 71 | 71 | 71 | 65 | 62 | 80 |
| | Outlet | 60 | 75 | 72 | 77 | 72 | 68 | 61 | 57 | 81 |
| | Break-Out | 51 | 66 | 67 | 58 | 57 | 52 | 48 | 43 | 70 |
| 7 | Inlet | 47 | 69 | 71 | 69 | 67 | 74 | 63 | 56 | 78 |
| | Outlet | 57 | 72 | 70 | 73 | 73 | 70 | 63 | 50 | 79 |
| | Break-Out | 42 | 57 | 61 | 55 | 53 | 56 | 45 | 37 | 64 |
| 8 | Inlet | 41 | 68 | 70 | 67 | 67 | 67 | 59 | 54 | 75 |
| | Outlet | 53 | 69 | 73 | 69 | 73 | 64 | 58 | 52 | 78 |
| | Break-Out | 37 | 57 | 61 | 54 | 52 | 49 | 42 | 36 | 64 |
| 9 | Inlet | 49 | 69 | 69 | 65 | 64 | 65 | 58 | 56 | 74 |
| | Outlet | 54 | 69 | 66 | 71 | 66 | 62 | 55 | 51 | 75 |
| | Break-Out | 45 | 60 | 61 | 52 | 51 | 46 | 42 | 37 | 64 |
| 10 | Inlet | 43 | 65 | 67 | 65 | 63 | 70 | 59 | 52 | 74 |
| | Outlet | 53 | 68 | 66 | 69 | 69 | 66 | 59 | 47 | 75 |
| | Break-Out | 38 | 53 | 57 | 51 | 50 | 52 | 41 | 33 | 60 |
| 11 | Inlet | 37 | 64 | 66 | 64 | 63 | 63 | 55 | 50 | 71 |
| | Outlet | 49 | 66 | 69 | 65 | 69 | 60 | 54 | 48 | 74 |
| | Break-Out | 33 | 53 | 57 | 50 | 48 | 45 | 38 | 32 | 60 |
| 12 | Inlet | 45 | 65 | 65 | 61 | 61 | 61 | 54 | 52 | 70 |
| | Outlet | 50 | 65 | 62 | 67 | 62 | 58 | 51 | 47 | 71 |
| | Break-Out | 41 | 56 | 57 | 48 | 47 | 42 | 38 | 33 | 60 |

## MOUNTING ACCESSORIES

**MBE**
Electric heaters.

**MBW**
Hot water coil.

**MFL-G4**
Filtration boxes.

**SIL**
Sound attenuators.

**ACOPEL F400 N**
Circular flexible connector.

**CRC**
Circular reducers.

**CTI CVA-N**
**Outdoor cover**
For outdoor installations.

**APC**
Discharge protection guards for direct connection to the inlet-outlet flange (for more information see Mounting accessories).

**KSE**
Anti-vibration mounts.

| CVAB-N / CVAT-N model | APC model | CTI CVA-N model |
|---|---|---|
| 1400/250N D | APC-250 | CTI CVA-N 250/315 |
| 2000/315N D | APC-315 | CTI CVA-N 250/315 |
| 3000/355N D | APC-355 | CTI CVA-N 355/400 CHAT-400/450 |
| 4000/400N D | APC-400 | CTI CVA-N 355/400 CHAT-400/450 |
| 6000/450N D | APC-450 | CTI CVA-N 450 |
| 9000/500N D | APC-500 | CTI CVA-N 500 CHAT-500 |
| 12000/560N D | APC-560 | CTI CVA-N 560 |
| 16000/630N D | APC-630 | CTI CVA-N 630 |
| 15000/710N D | APC-710 | CTI CVA-N 710 |

## ELECTRICAL ACCESSORIES

**REB**
Single-phase electronic speed controller

**RMB**
Single-phase auto-transformer speed controller

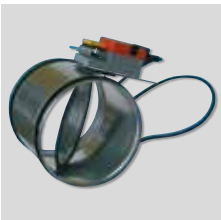
**AJUSTABLE FREQUENCY DRIVE VFKB**
Die cast aluminium IP65 case.
Simple to operate.
Speed selection with potentiometer.

**AJUSTABLE FREQUENCY DRIVE VFTM**
IP21 o IP54 models.
External display to adjust parameters.

**SCO2-A**
$CO_2$ and temperature sensor.
**SCO2-AD**
$CO_2$ and temperature sensor, with display.
**SCHT-AD**
$CO_2$, temperature and relative humidity sensor with display.

**CPFL-S / CPFL-E**
Presence detector.

**TDP-S/TDP-D/TDP-PI**
Presure sensor.



**REMP**
Motorised damper.