

Tower-H

Roof centrifugal fans

Use

- Extract ventilation systems installed in various premises.
- Roof mounting.
- For any types of roofs or vertical ventilation shafts.



Air flow:
up to 17 010 m³/h
4725 l/s



Power:
from 48 W



Noise level:
from 45 dBA



Design

- Steel casing with a special polymer atmospheric resistant coating.
- Horizontal air exhaust.
- The fan is equipped with a terminal block for connection to power mains.
- The fan is rated for continuous operation.
- Impeller with a protecting insect screen.
- The upper cover is equipped with two eye bolts for easy fan lifting on the roof with hoisting mechanism.
- A connecting plate with an intake opening is designed to facilitate mounting to the roof surface.

Motor

- Two-, four- or six-pole asynchronous motor with external rotor and centrifugal impeller with backward curved blades.
- Single-phase (E) or three-phase (D) motor modifications.
- Dynamically balanced impeller.
- Equipped with ball bearings for longer service life.
- Overheating protection by built-in thermal switches with leaded outside terminals for connection to external protecting controls.
- The thermal switch terminal leads are designed for connection to respective circuit of the overload relay or respective terminals of the auto-transformer or thyristor speed controller.

Speed control

- Smooth or step speed control with a thyristor or transformer speed controller (available upon order).

Mounting

- Roof mounting directly above a ventilation shaft or air duct.
- The fan is connected to the air duct with the intake flange that is fixed to the fan base.
- The fan base has holes for fixing bolts that attach the fan to the stable level surface or a roof frame.
- Roof frame and intake flange available on separate order.
- Power is supplied through an external terminal box.

Designation key

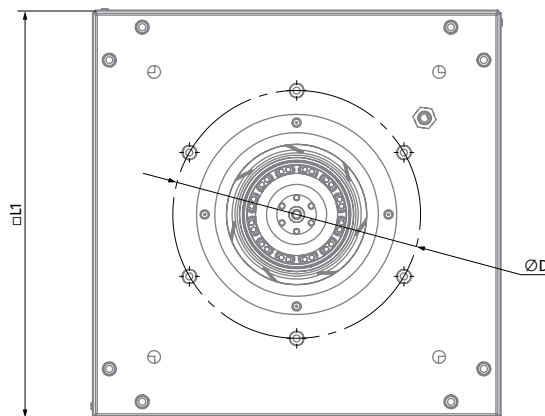
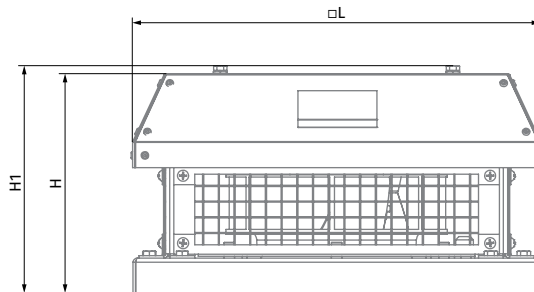
| Series | Impeller standard size | Motor Number of poles | Phase | Casing material |
|---------|---|--------------------------|-----------------------------------|--|
| Tower-H | 220; 225; 250; 280; 310; 355; 400; 450; 500 | 2; 4; 6 | E: single-phase D: three-phase | _: steel with polymeric coating A: aluminum |

Accessories

| Flexible connectors for roof fans | Counterflanges | Mounting frames | Silencers | Backdraft air dampers | Air dampers | Speed controllers |
|--|--|---|---|--|---|---|
|  VDL |  FDL |  MRDL / MRIDL |  SD |  VRV |  VK / VKA |  CDT E1.8 |

Overall dimensions [mm]

| Type | ∅D | H | H1 | L | L1 | Weight [kg] |
|----------------|-----|-----|-----|------|------|-------------|
| Tower-H 190 2E | 213 | 189 | 195 | 351 | 350 | 8.2 |
| Tower-H 220 2E | 213 | 180 | 186 | 337 | 338 | 7 |
| Tower-H 225 2E | 210 | 210 | 217 | 351 | 350 | 9.2 |
| Tower-H 225 4E | 210 | 233 | 240 | 351 | 350 | 8.8 |
| Tower-H 250 2E | 285 | 237 | 244 | 451 | 450 | 12.7 |
| Tower-H 250 4E | 285 | 237 | 244 | 451 | 450 | 12.1 |
| Tower-H 280 4E | 291 | 265 | 272 | 451 | 450 | 13.5 |
| Tower-H 310 2E | 291 | 251 | 258 | 451 | 450 | 13.2 |
| Tower-H 310 4E | 285 | 287 | 294 | 451 | 450 | 14.2 |
| Tower-H 310 4D | 285 | 287 | 294 | 451 | 450 | 14.2 |
| Tower-H 355 4E | 438 | 322 | 361 | 625 | 620 | 28.3 |
| Tower-H 355 4D | 438 | 347 | 386 | 625 | 620 | 30.3 |
| Tower-H 400 4E | 438 | 376 | 415 | 625 | 620 | 35 |
| Tower-H 400 6E | 438 | 376 | 415 | 625 | 620 | 32.7 |
| Tower-H 400 4D | 438 | 376 | 415 | 625 | 620 | 35 |
| Tower-H 450 4E | 438 | 420 | 459 | 710 | 700 | 46.6 |
| Tower-H 450 6E | 438 | 420 | 459 | 710 | 700 | 45.6 |
| Tower-H 450 4D | 438 | 420 | 459 | 710 | 700 | 45.5 |
| Tower-H 500 6E | 445 | 461 | 501 | 710 | 700 | 52.8 |
| Tower-H 500 4D | 430 | 490 | 530 | 710 | 700 | 46.6 |
| Tower-H 500 6D | 445 | 461 | 501 | 710 | 700 | 52.7 |
| Tower-H 560 6E | 605 | 489 | 528 | 900 | 895 | 76.4 |
| Tower-H 560 4D | 605 | 489 | 528 | 900 | 895 | 81.4 |
| Tower-H 560 6D | 605 | 489 | 528 | 900 | 895 | 76.4 |
| Tower-H 630 6D | 600 | 520 | 560 | 1000 | 990 | 96.3 |
| Tower-H 710 6D | 674 | 570 | 619 | 1060 | 1050 | 134 |

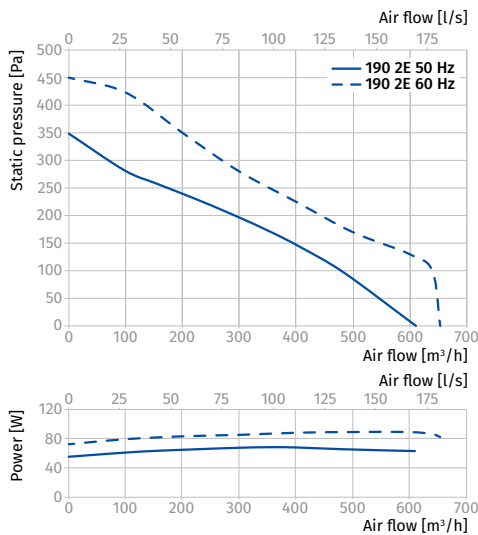


Technical data

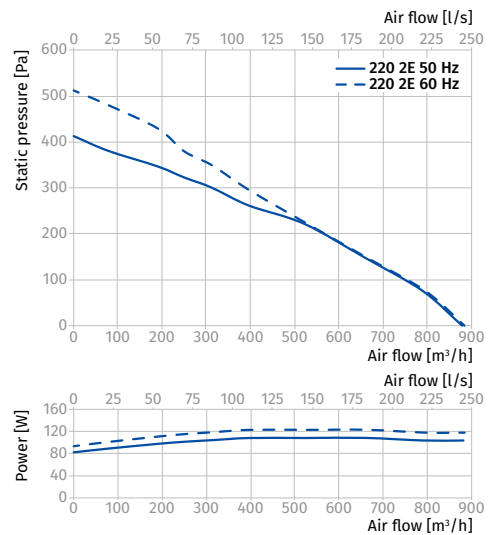
| Parameters | Tower-H 190 2E | | Tower-H 220 2E | | Tower-H 225 2E | | Tower-H 225 4E | |
|--|----------------|-----------|----------------|-----------|----------------|------------|----------------|--|
| Voltage [V] | 1~230 | | 1~230 | | 1~230 | | 1~230 | |
| Frequency [Hz] | 50 | 60 | 50 | 60 | 50 | 60 | 50 | |
| Power [W] | 69 | 89 | 108 | 118 | 123 | 169 | 49 | |
| Current [A] | 0.30 | 0.40 | 0.49 | 0.54 | 0.54 | 0.70 | 0.22 | |
| Maximum air flow [m ³ /h (l/s)] | 610 (169) | 654 (182) | 880 (244) | 883 (245) | 915 (254) | 1010 (281) | 738 (205) | |
| RPM [min ⁻¹] | 2680 | 2980 | 2580 | 2840 | 2790 | 2820 | 1400 | |
| Sound pressure at 3 m [dBA] | 48 | 49 | 50 | 51 | 51 | 52 | 45 | |
| Max. transported air temperature [°C] | -25...+50 | | -25...+50 | | -25...+50 | | -25...+50 | |
| SEC class | C | - | C | - | C | - | C | |
| IP rating | IPX4 | | IPX4 | | IPX4 | | IPX4 | |
| Motor IP rating | IP44 | | IP44 | | IP44 | | IP44 | |
| ErP | 2018 | - | 2018 | - | 2018 | - | 2018 | |

TOWER-H 190 2E

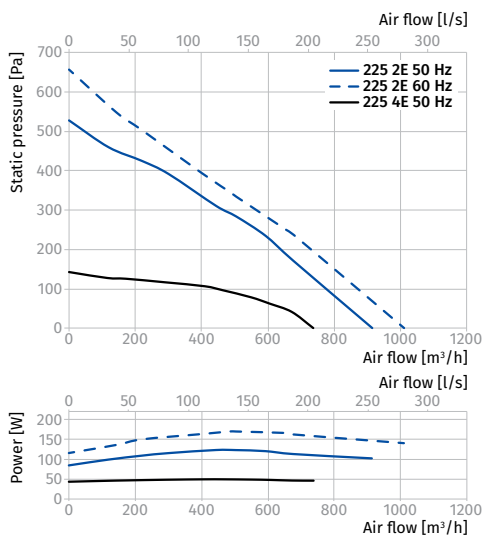
| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| LWA to inlet [dBA] | 68 | 39 | 65 | 63 | 54 | 52 | 49 | 49 | 39 | 47 | 57 |
| LWA to environment [dBA] | 69 | 28 | 50 | 61 | 64 | 63 | 62 | 54 | 41 | 48 | 58 |


TOWER-H 220 2E

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| LWA to inlet [dBA] | 70 | 59 | 65 | 65 | 61 | 55 | 55 | 54 | 47 | 49 | 59 |
| LWA to environment [dBA] | 71 | 46 | 58 | 66 | 65 | 66 | 56 | 51 | 41 | 50 | 60 |


TOWER-H 225 2E

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| LWA to inlet [dBA] | 71 | 61 | 66 | 66 | 62 | 57 | 57 | 55 | 48 | 51 | 61 |
| LWA to environment [dBA] | 72 | 47 | 59 | 67 | 66 | 67 | 57 | 52 | 42 | 51 | 61 |



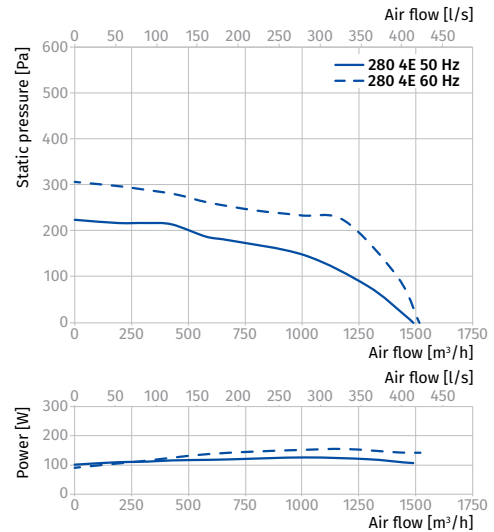
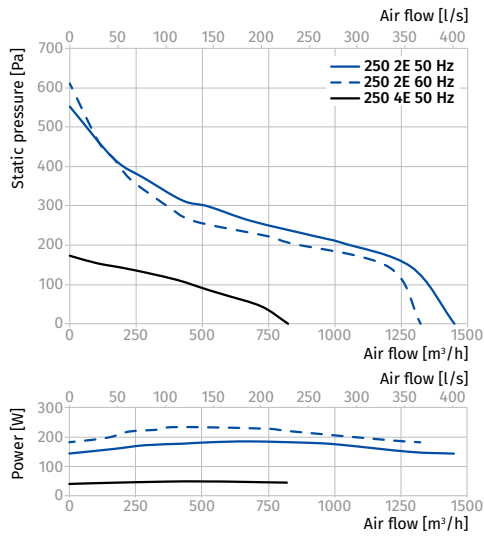
| Parameters | Tower-H 250 2E | | Tower-H 250 4E | Tower-H 280 4E | |
|---------------------------------------|----------------|------------|----------------|----------------|------------|
| Voltage [V] | 1~230 | | 1~230 | 1~230 | |
| Frequency [Hz] | 50 | 60 | 50 | 50 | 60 |
| Power [W] | 184 | 232 | 48 | 125 | 155 |
| Current [A] | 0.81 | 0.90 | 0.23 | 0.61 | 0.99 |
| Maximum air flow [m³/h (l/s)] | 1450 (403) | 1320 (367) | 820 (228) | 1490 (414) | 1520 (422) |
| RPM [min⁻¹] | 2480 | 2320 | 1440 | 1446 | 1710 |
| Sound pressure at 3 m [dBA] | 54 | 53 | 46 | 46 | 46 |
| Max. transported air temperature [°C] | -25...+50 | | -25...+50 | -25...+50 | |
| SEC class | - | | - | - | |
| IP rating | IPX4 | | IPX4 | IPX4 | |
| Motor IP rating | IP44 | | IP44 | IP44 | |
| ErP | 2018 | - | 2018 | 2018 | - |

TOWER-H 250 2E, TOWER-H 250 4E

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| Tower-H 250 2E | | | | | | | | | | | |
| LWA to inlet [dBA] | 75 | 50 | 63 | 70 | 68 | 69 | 66 | 63 | 53 | 54 | 64 |
| LWA to environment [dBA] | 75 | 51 | 64 | 71 | 67 | 67 | 66 | 62 | 56 | 54 | 64 |
| Tower-H 250 4E | | | | | | | | | | | |
| LWA to inlet [dBA] | 68 | 51 | 57 | 60 | 52 | 63 | 62 | 57 | 52 | 47 | 57 |
| LWA to environment [dBA] | 67 | 29 | 48 | 57 | 60 | 63 | 59 | 51 | 37 | 46 | 56 |

TOWER-H 280 4E

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| LWA to inlet [dBA] | 66 | 46 | 55 | 53 | 59 | 60 | 59 | 55 | 45 | 45 | 55 |
| LWA to environment [dBA] | 67 | 29 | 48 | 57 | 60 | 63 | 59 | 51 | 37 | 46 | 56 |



ROOF FANS

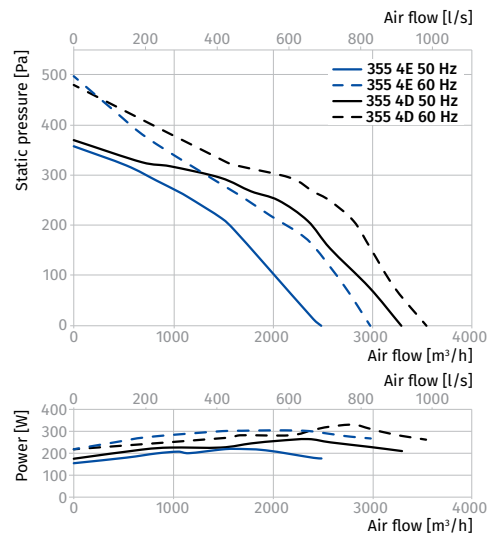
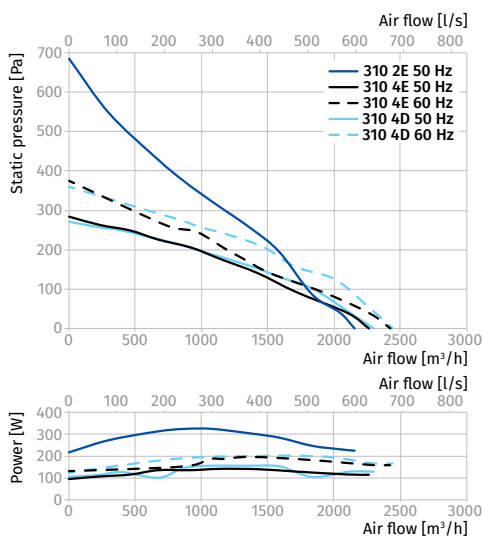
| Parameters | Tower-H 310 2E | Tower-H 310 4E | | Tower-H 310 4D | | Tower-H 355 4E | | Tower-H 355 4D | |
|---------------------------------------|----------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|
| Voltage [V] | 1~230 | 1~230 | | 3~400 | | 1~230 | | 3~400 | |
| Frequency [Hz] | 50 | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 |
| Power [W] | 324 | 141 | 195 | 155 | 202 | 219 | 304 | 264 | 330 |
| Current [A] | 1.42 | 0.64 | 0.87 | 0.29 | 0.32 | 0.96 | 1.33 | 0.58 | 0.64 |
| Maximum air flow [m³/h (l/s)] | 2150 (597) | 2265 (629) | 2425 (674) | 2300 (639) | 2442 (678) | 2480 (689) | 2976 (827) | 3290 (914) | 3540 (983) |
| RPM [min ⁻¹] | 2620 | 1420 | 1740 | 1410 | 1550 | 1420 | 1580 | 1430 | 1650 |
| Sound pressure at 3 m [dBA] | 58 | 47 | 49 | 47 | 48 | 51 | 52 | 52 | 53 |
| Max. transported air temperature [°C] | -25...+50 | -25...+50 | | -25...+50 | | -25...+50 | | -30...+60 | |
| IP rating | IPX4 | IPX4 | | IPX4 | | IPX4 | | IPX4 | |
| Motor IP rating | IP44 | IP54 | | IP54 | | IP54 | | IP54 | |
| ErP | 2018 | 2018 | - | 2018 | - | 2018 | - | 2018 | - |

TOWER-H 310 2E, TOWER-H 310 4E, TOWER-H 310 4D

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| Tower-H 310 2E | | | | | | | | | | | |
| LWA to inlet [dBA] | 76 | 47 | 48 | 56 | 69 | 71 | 71 | 69 | 59 | 56 | 66 |
| LWA to environment [dBA] | 79 | 40 | 48 | 62 | 73 | 74 | 74 | 66 | 49 | 58 | 68 |
| Tower-H 310 4E | | | | | | | | | | | |
| LWA to inlet [dBA] | 67 | 47 | 56 | 54 | 61 | 62 | 61 | 57 | 47 | 47 | 57 |
| LWA to environment [dBA] | 68 | 30 | 49 | 58 | 61 | 65 | 60 | 52 | 38 | 47 | 57 |
| Tower-H 310 4D | | | | | | | | | | | |
| LWA to inlet [dBA] | 67 | 46 | 53 | 56 | 62 | 63 | 58 | 55 | 43 | 47 | 57 |
| LWA to environment [dBA] | 67 | 55 | 59 | 56 | 58 | 63 | 58 | 58 | 39 | 47 | 57 |

TOWER-H 355 4E, TOWER-H 355 4D

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| Tower-H 355 4E | | | | | | | | | | | |
| LWA to inlet [dBA] | 69 | 42 | 43 | 50 | 62 | 64 | 64 | 62 | 53 | 49 | 59 |
| LWA to environment [dBA] | 72 | 36 | 43 | 56 | 66 | 67 | 67 | 60 | 44 | 51 | 61 |
| Tower-H 355 4D | | | | | | | | | | | |
| LWA to inlet [dBA] | 71 | 43 | 44 | 52 | 63 | 66 | 66 | 64 | 54 | 50 | 60 |
| LWA to environment [dBA] | 73 | 36 | 44 | 57 | 67 | 68 | 68 | 60 | 45 | 52 | 62 |



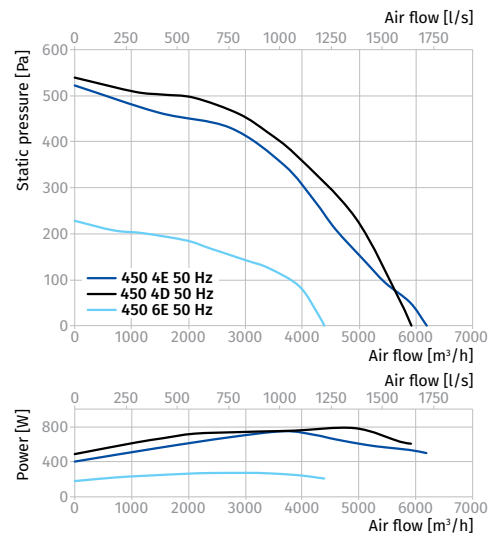
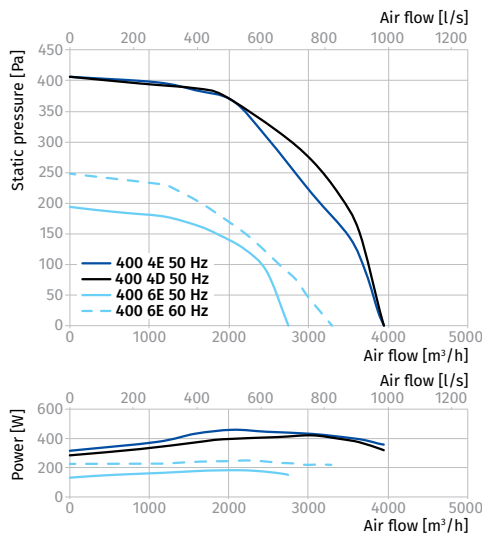
| Parameters | Tower-H 400 4E | Tower-H 400 6E | | Tower-H 400 4D | Tower-H 450 4E | Tower-H 450 6E | Tower-H 450 4D |
|---------------------------------------|----------------|----------------|------------|----------------|----------------|----------------|----------------|
| Voltage [V] | 1~230 | 1~230 | | 3~400 | 1~230 | 1~230 | 3~400 |
| Frequency [Hz] | 50 | 50 | 60 | 50 | 50 | 50 | 50 |
| Power [W] | 457 | 184 | 249 | 420 | 749 | 268 | 755 |
| Current [A] | 2.00 | 0.89 | 1.10 | 0.99 | 3.35 | 1.25 | 1.50 |
| Maximum air flow [m³/h (l/s)] | 3950 (1097) | 2740 (761) | 3289 (914) | 3950 (1097) | 6180 (1717) | 4380 (1217) | 5920 (1644) |
| RPM [min⁻¹] | 1440 | 945 | 1071 | 1440 | 1400 | 940 | 1440 |
| Sound pressure at 3 m [dBA] | 55 | 47 | 49 | 55 | 58 | 50 | 57 |
| Max. transported air temperature [°C] | -30...+60 | -30...+60 | | -30...+60 | -30...+60 | -30...+60 | -30...+50 |
| IP rating | IPX4 | IPX4 | | IPX4 | IPX4 | IPX4 | IPX4 |
| Motor IP rating | IP54 | IP54 | | IP54 | IP54 | IP54 | IP54 |
| ErP | 2018 | 2018 | - | 2018 | 2018 | 2018 | 2018 |

TOWER-H 400 4E, TOWER-H 400 4D, TOWER-H 400 6E

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| Tower-H 400 4E | | | | | | | | | | | |
| LWA to inlet [dBA] | 75 | 46 | 47 | 55 | 67 | 70 | 70 | 68 | 57 | 54 | 64 |
| LWA to environment [dBA] | 76 | 38 | 46 | 59 | 70 | 71 | 71 | 63 | 47 | 55 | 65 |
| Tower-H 400 4D | | | | | | | | | | | |
| LWA to inlet [dBA] | 75 | 44 | 73 | 70 | 60 | 58 | 55 | 54 | 43 | 54 | 64 |
| LWA to environment [dBA] | 76 | 30 | 56 | 68 | 71 | 70 | 69 | 60 | 46 | 55 | 65 |
| Tower-H 400 6E | | | | | | | | | | | |
| LWA to inlet [dBA] | 65 | 44 | 51 | 54 | 60 | 61 | 56 | 52 | 41 | 45 | 55 |
| LWA to environment [dBA] | 67 | 55 | 59 | 56 | 58 | 63 | 58 | 58 | 39 | 47 | 57 |

TOWER-H 450 4E, TOWER-H 450 4D, TOWER-H 450 6E

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| Tower-H 450 4E | | | | | | | | | | | |
| LWA to inlet [dBA] | 78 | 45 | 75 | 73 | 62 | 60 | 57 | 56 | 45 | 57 | 67 |
| LWA to environment [dBA] | 78 | 31 | 58 | 70 | 74 | 73 | 71 | 62 | 47 | 58 | 68 |
| Tower-H 450 4D | | | | | | | | | | | |
| LWA to inlet [dBA] | 77 | 45 | 74 | 72 | 61 | 60 | 56 | 55 | 45 | 56 | 66 |
| LWA to environment [dBA] | 77 | 31 | 57 | 69 | 73 | 71 | 70 | 61 | 46 | 57 | 67 |
| Tower-H 450 6E | | | | | | | | | | | |
| LWA to inlet [dBA] | 68 | 46 | 54 | 57 | 63 | 64 | 59 | 55 | 43 | 48 | 58 |
| LWA to environment [dBA] | 70 | 58 | 62 | 59 | 61 | 66 | 60 | 61 | 41 | 50 | 60 |



ROOF FANS

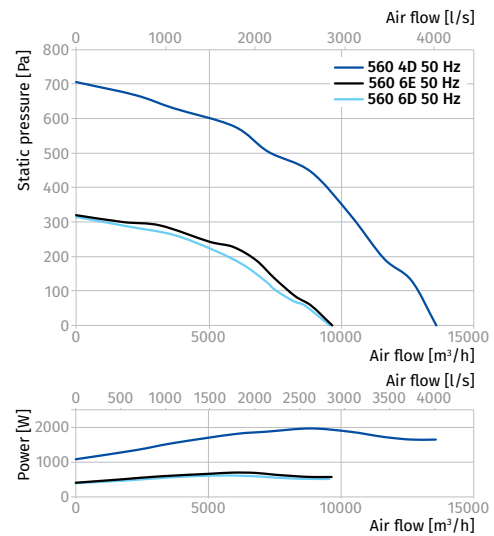
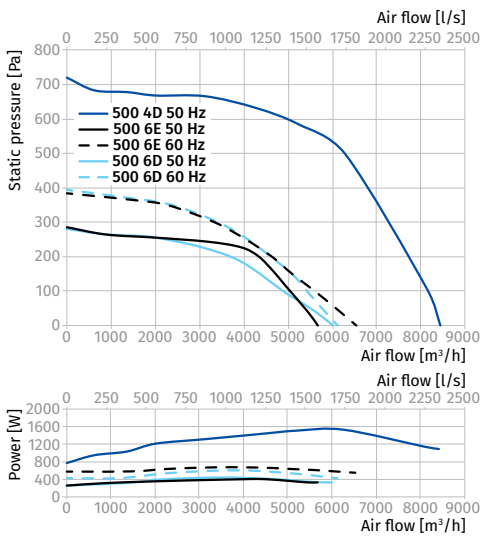
| Parameters | Tower-H 500 4D | Tower-H 500 6E | | Tower-H 500 6D | | Tower-H 560 4D | Tower-H 560 6E | Tower-H 560 6D |
|---------------------------------------|----------------|----------------|-------------|----------------|-------------|----------------|----------------|----------------|
| Voltage [V] | 3~400 | 1~230 | | 3~400 | | 3~400 | 1~230 | 3~400 |
| Frequency [Hz] | 50 | 50 | 60 | 50 | 60 | 50 | 50 | 50 |
| Power [W] | 1527 | 407 | 673 | 440 | 599 | 1970 | 613 | 696 |
| Current [A] | 2.64 | 1.81 | 3.05 | 1.23 | 1.32 | 3.36 | 2.70 | 1.44 |
| Maximum air flow [m³/h (l/s)] | 8435 (2343) | 5680 (1578) | 6532 (1814) | 6000 (1667) | 6122 (1701) | 13 560 (3767) | 9560 (2656) | 9630 (2675) |
| RPM [min ⁻¹] | 1460 | 970 | 1120 | 978 | 1125 | 1400 | 930 | 970 |
| Sound pressure at 3 m [dBA] | 62 | 52 | 54 | 52 | 54 | 66 | 58 | 58 |
| Max. transported air temperature [°C] | -30...+50 | -25...+60 | | -25...+60 | | -25...+50 | -25...+50 | -25...+50 |
| IP rating | IPX4 | IPX4 | | IPX4 | | IPX4 | IPX4 | IPX4 |
| Motor IP rating | IP54 | IP54 | | IP54 | | IP54 | IP54 | IP54 |
| ErP | 2018 | 2018 | - | 2018 | - | 2018 | 2018 | 2018 |

TOWER-H 500 4D, TOWER-H 500 6E, TOWER-H 500 6D

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| Tower-H 500 4D | | | | | | | | | | | |
| LWA to inlet [dBA] | 82 | 48 | 80 | 77 | 65 | 64 | 60 | 59 | 48 | 61 | 71 |
| LWA to environment [dBA] | 83 | 33 | 61 | 74 | 78 | 77 | 76 | 65 | 50 | 62 | 72 |
| Tower-H 500 6E | | | | | | | | | | | |
| LWA to inlet [dBA] | 70 | 48 | 56 | 59 | 66 | 66 | 61 | 57 | 45 | 50 | 60 |
| LWA to environment [dBA] | 72 | 60 | 64 | 60 | 63 | 68 | 62 | 63 | 42 | 52 | 62 |
| Tower-H 500 6D | | | | | | | | | | | |
| LWA to inlet [dBA] | 70 | 48 | 55 | 58 | 65 | 66 | 61 | 57 | 44 | 49 | 59 |
| LWA to environment [dBA] | 72 | 60 | 64 | 60 | 63 | 68 | 62 | 63 | 42 | 52 | 62 |

TOWER-H 560 4D, TOWER-H 560 6E, TOWER-H 560 6D

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| Tower-H 560 4D | | | | | | | | | | | |
| LWA to inlet [dBA] | 85 | 50 | 83 | 80 | 68 | 66 | 62 | 61 | 49 | 64 | 74 |
| LWA to environment [dBA] | 87 | 35 | 65 | 78 | 82 | 81 | 80 | 69 | 53 | 66 | 76 |
| Tower-H 560 6E | | | | | | | | | | | |
| LWA to inlet [dBA] | 77 | 64 | 69 | 71 | 70 | 67 | 67 | 66 | 59 | 56 | 66 |
| LWA to environment [dBA] | 79 | 52 | 65 | 74 | 73 | 74 | 63 | 57 | 46 | 58 | 68 |
| Tower-H 560 6D | | | | | | | | | | | |
| LWA to inlet [dBA] | 77 | 65 | 70 | 71 | 71 | 68 | 68 | 67 | 59 | 57 | 67 |
| LWA to environment [dBA] | 79 | 52 | 65 | 74 | 73 | 74 | 63 | 57 | 46 | 58 | 68 |



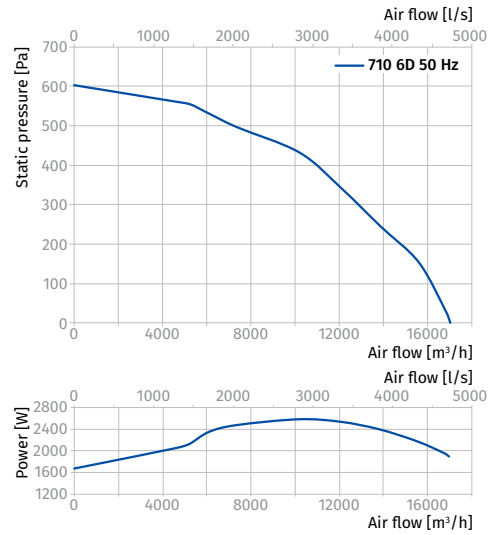
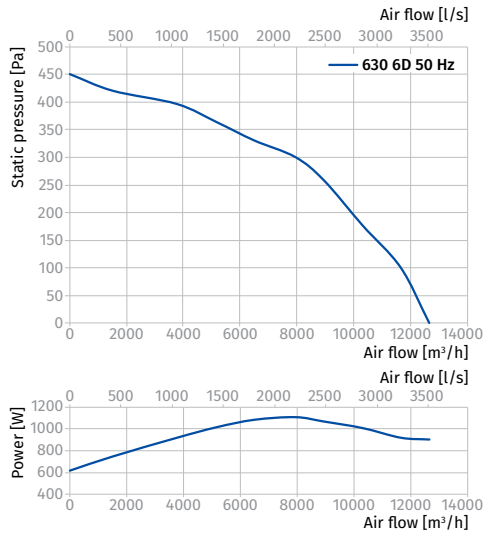
| Parameters | Tower-H 630 6D | Tower-H 710 6D |
|---------------------------------------|----------------|----------------|
| Voltage [V] | 3~400 | 3~400 |
| Frequency [Hz] | 50 | 50 |
| Power [W] | 1110 | 2583 |
| Current [A] | 2.42 | 4.87 |
| Maximum air flow [m³/h (l/s)] | 12 640 (3511) | 17 010 (4725) |
| RPM [min ⁻¹] | 957 | 945 |
| Sound pressure at 3 m [dBA] | 64 | 67 |
| Max. transported air temperature [°C] | -25...+50 | -25...+70 |
| IP rating | IPX4 | IPX4 |
| Motor IP rating | IP54 | IP54 |
| ErP | 2018 | 2018 |

TOWER-H 630 6D

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| LWA to inlet [dBA] | 82 | 69 | 74 | 76 | 75 | 72 | 72 | 71 | 63 | 61 | 71 |
| LWA to environment [dBA] | 85 | 56 | 70 | 80 | 79 | 80 | 68 | 62 | 50 | 64 | 74 |

TOWER-H 710 6D

| Sound power level, A-weighted | Total | Octave frequency bands [Hz] | | | | | | | | LpA 3 m | LpA 1 m |
|-------------------------------|-------|-----------------------------|-----|-----|-----|------|------|------|------|---------|---------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | |
| LWA to inlet [dBA] | 85 | 72 | 78 | 80 | 79 | 76 | 76 | 75 | 66 | 65 | 75 |
| LWA to environment [dBA] | 88 | 58 | 73 | 83 | 82 | 83 | 71 | 64 | 52 | 67 | 77 |



ROOF FANS