



APPLICATION

Roof fans, exhaust RF/EC are designed for ventilation systems of buildings with low levels of air pollution.

They are used:

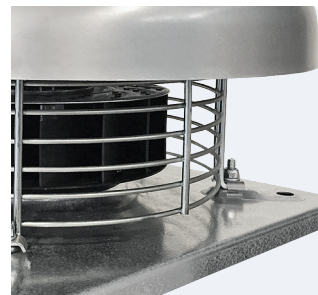
- in exhaust systems of residential buildings,
- supermarkets, industrial halls, workshops, warehouses,
- toilets, garages, parking lots, outhouse.

CONSTRUCTION

- rotors with backward blades are made of plastic,
- the base, upper bowl and other components are made of aluminum sheet,
- the protective mesh is galvanized,
- the fans are designed for vertical work,
- suitable for mounting on flat roofs,
- working temperature to +60°C, depending on model.

MOTOR

- power supply - single-phase 230V, 50Hz or three-phase 400V,
- EC motor,
- 0-10VDC control input, which enables smooth rotation control,
- insulation class B (models 125/L, 125/H, 160/L and 250/L),
- insulation class F (models 125/E, 160/H, 200, 250/H, 315S and 315T),
- degree of protection IP44 (models 125/L, 125/H, 160/L and 250/L),
- degree of protection IP54 (models 125/E, 160/H, 200, 250/H, 315S and 315T).



Protective mesh



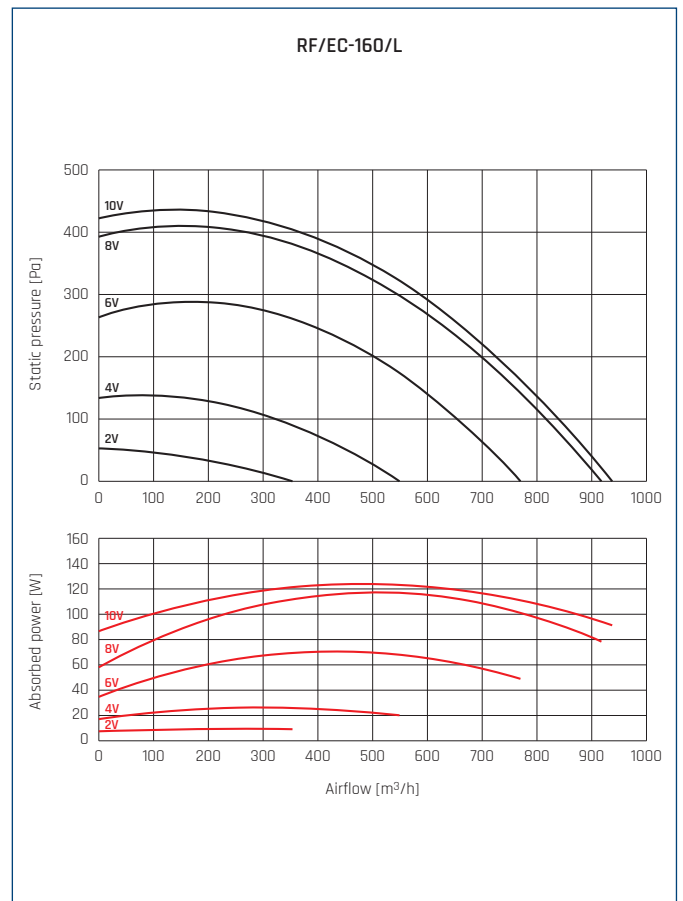
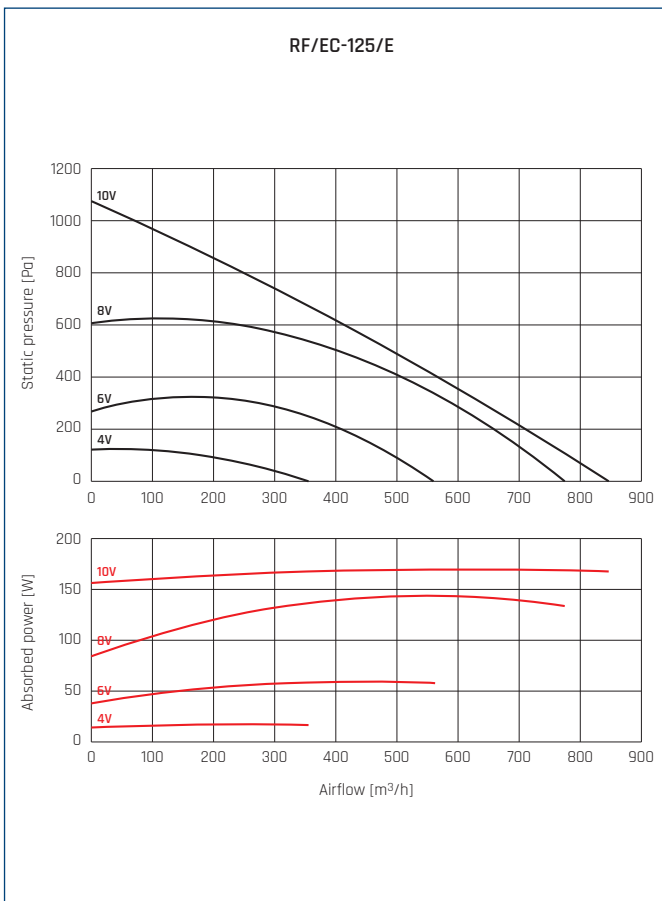
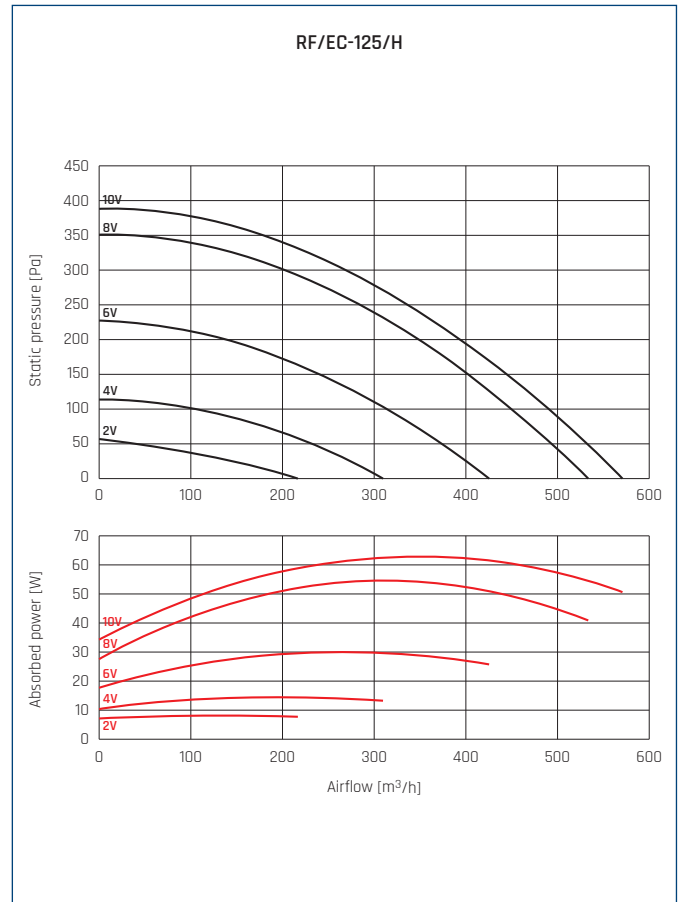
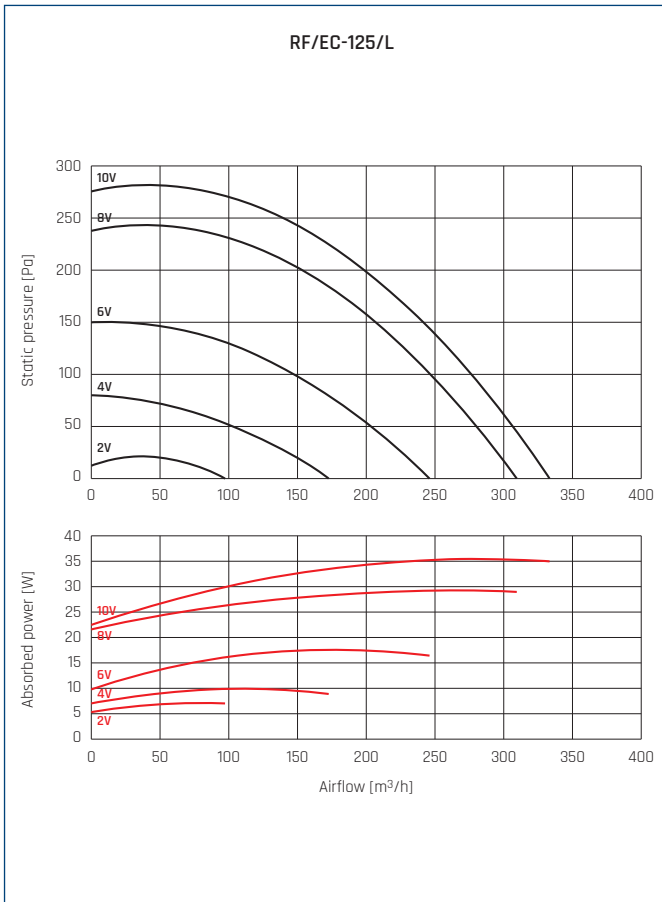
Easy access to the terminal box

TECHNICAL CHARACTERISTICS

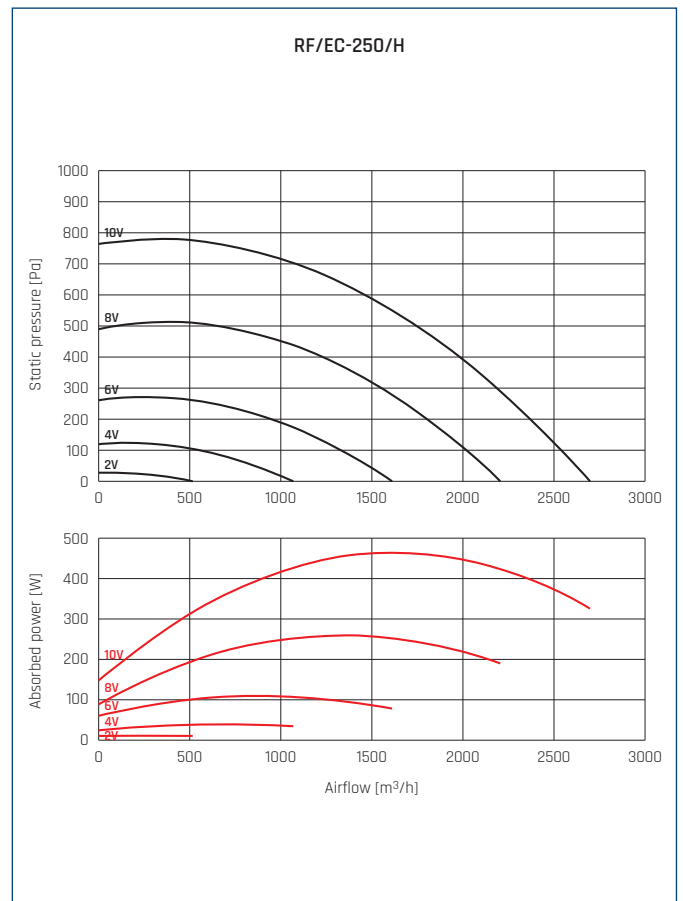
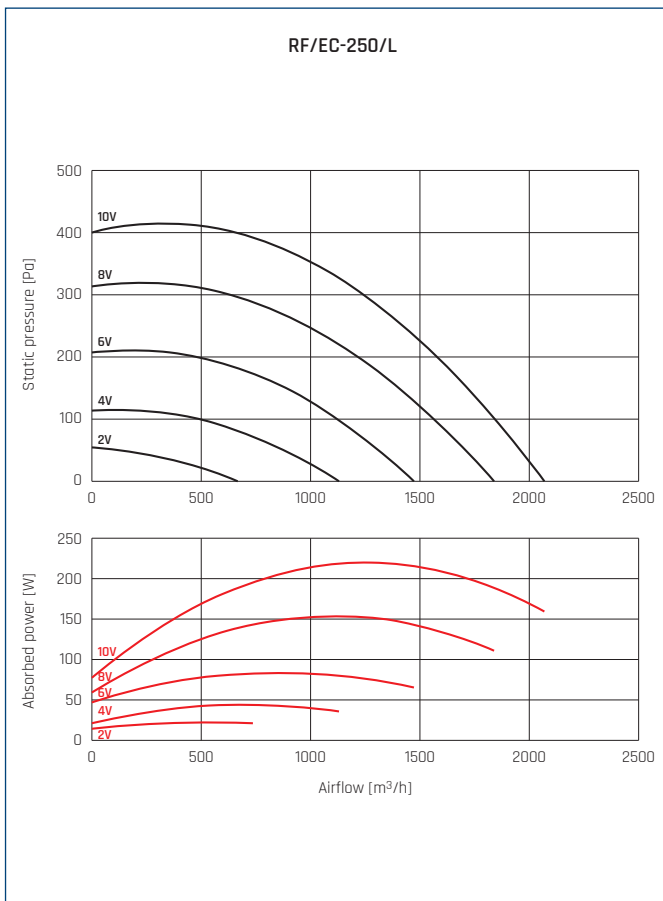
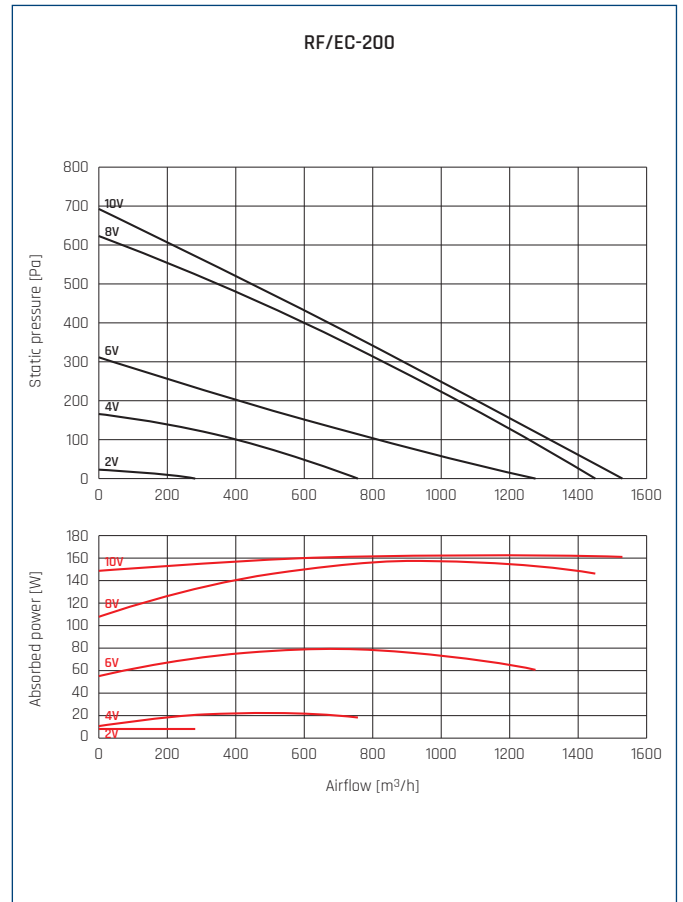
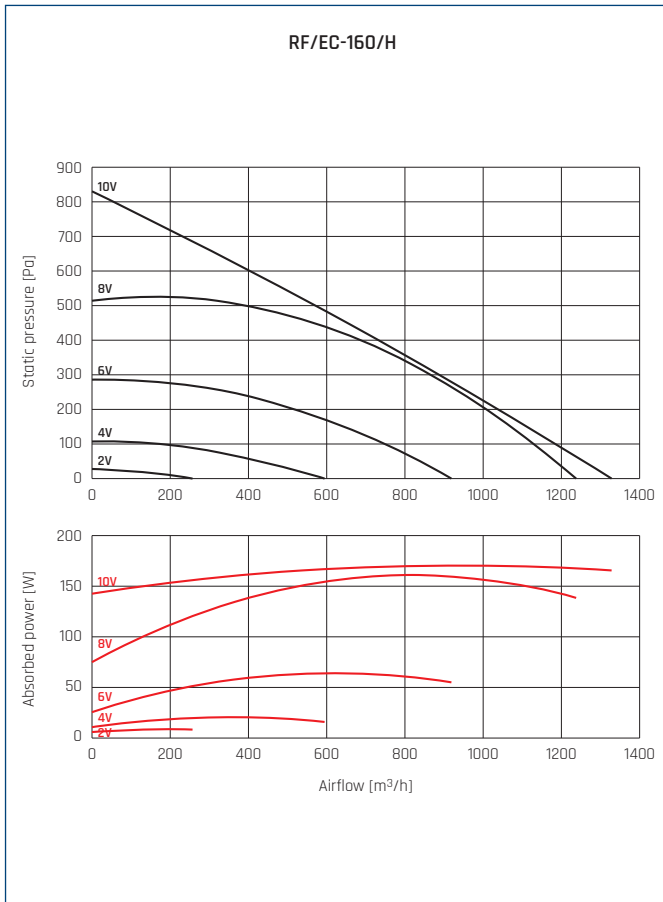
| Type | airflow max | pressure max | speed | voltage | current | max absorbed power | sound pressure level* | operating temp. max | weight | regulator | ErP | article number |
|-------------|-------------|--------------|----------|---------|---------|--------------------|-----------------------|---------------------|--------|-------------|------|----------------|
| | [m³/h] | [Pa] | [r.p.m.] | [V] | [A] | [W] | [dB(A)] | [°C] | | | | |
| RF/EC-125/L | 330 | 270 | 2979 | 230 | 0,3 | 34 | 66 | 60 | 3,5 | REB ECOWATT | 2018 | 43522910 |
| RF/EC-125/H | 560 | 380 | 2973 | 230 | 0,5 | 67 | 67 | 60 | 3,5 | REB ECOWATT | 2018 | 43522912 |
| RF/EC-125/E | 840 | 1080 | 4240 | 230 | 1,5 | 170 | 76 | 60 | 3,6 | REB ECOWATT | 2018 | 43522914 |
| RF/EC-160/L | 940 | 420 | 2830 | 230 | 0,8 | 113 | 69 | 40 | 3,5 | REB ECOWATT | 2018 | 43522915 |
| RF/EC-160/H | 1320 | 830 | 2860 | 230 | 1,5 | 170 | 73 | 60 | 4 | REB ECOWATT | 2018 | 43522918 |
| RF/EC-200 | 1500 | 700 | 2680 | 230 | 1,55 | 170 | 70 | 60 | 5,5 | REB ECOWATT | 2018 | 43522921 |
| RF/EC-250/L | 2050 | 410 | 2060 | 230 | 1,1 | 249 | 72 | 60 | 9 | REB ECOWATT | 2018 | 43522922 |
| RF/EC-250/H | 2700 | 780 | 2580 | 230 | 2,3 | 460 | 78 | 60 | 10 | REB ECOWATT | 2018 | 43522925 |
| RF/EC-315 | 3400 | 530 | 2010 | 230 | 1,58 | 368 | 66 | 60 | 11 | REB ECOWATT | 2018 | 43522931 |
| RF/EC-315T | 5400 | 1020 | 2500 | 400 | 2,1 | 1100 | 77 | 60 | 12,7 | REB ECOWATT | 2018 | 43522932 |
| RF/EC-355T | 6000 | 860 | 2100 | 400 | 2,4 | 1350 | 75 | 60 | 19 | REB ECOWATT | 2018 | 43522936 |
| RF/EC-400T | 7200 | 850 | 1800 | 400 | 2,5 | 1450 | 76 | 60 | 20 | REB ECOWATT | 2018 | 43522941 |
| RF/EC-450T | 8000 | 650 | 1400 | 400 | 2,1 | 1250 | 73 | 60 | 22 | REB ECOWATT | 2018 | 43522946 |
| RF/EC-500T | 10000 | 600 | 1230 | 400 | 2,6 | 1500 | 72 | 40 | 39 | REB ECOWATT | 2018 | 43522951 |

* measurement made at a distance of 1.5m from the outlet, for Q = 1/2 qmax.

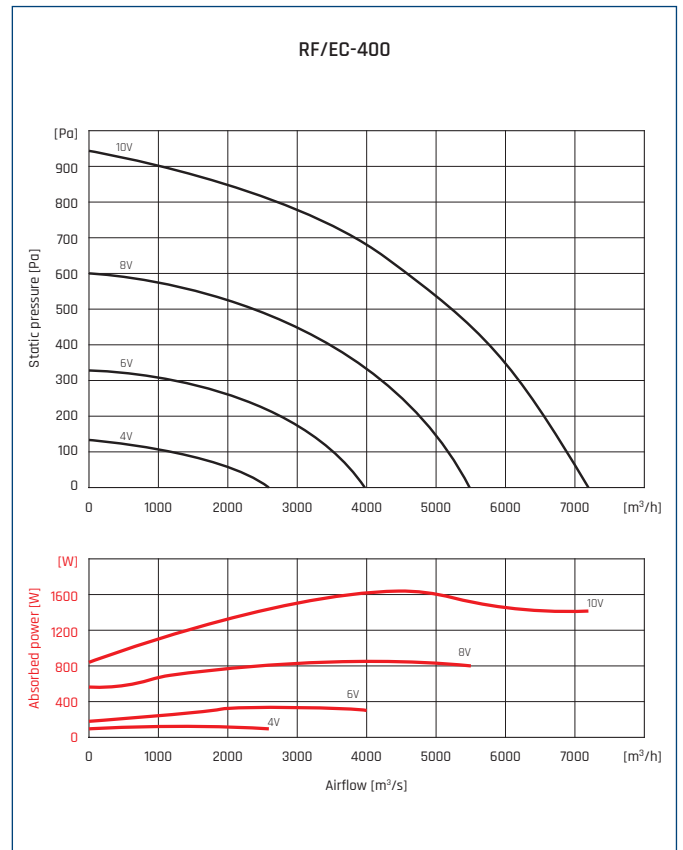
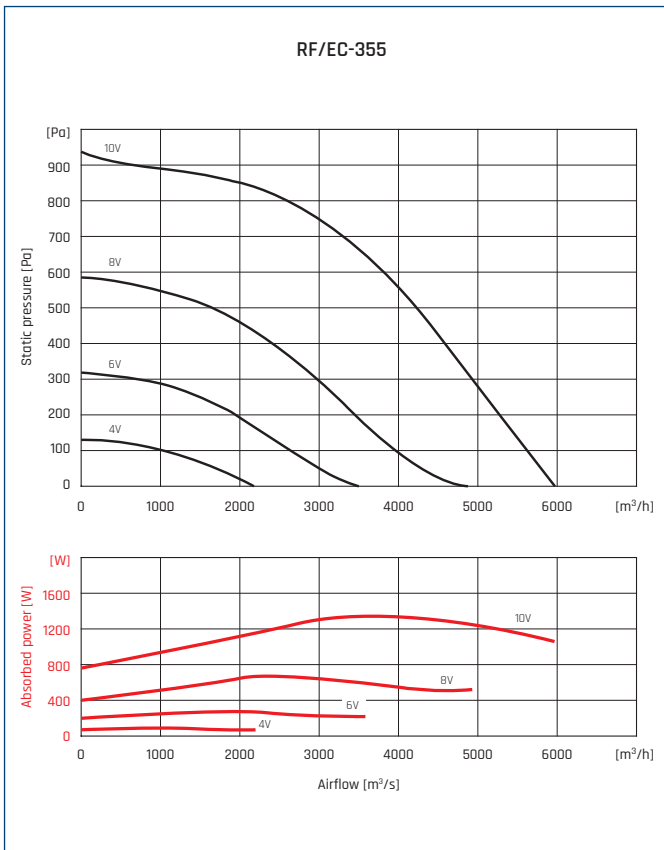
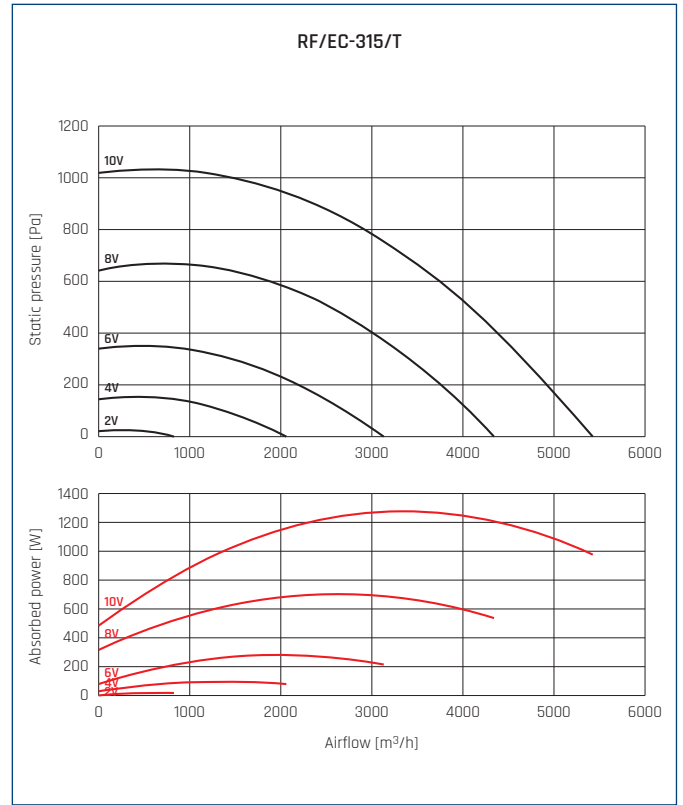
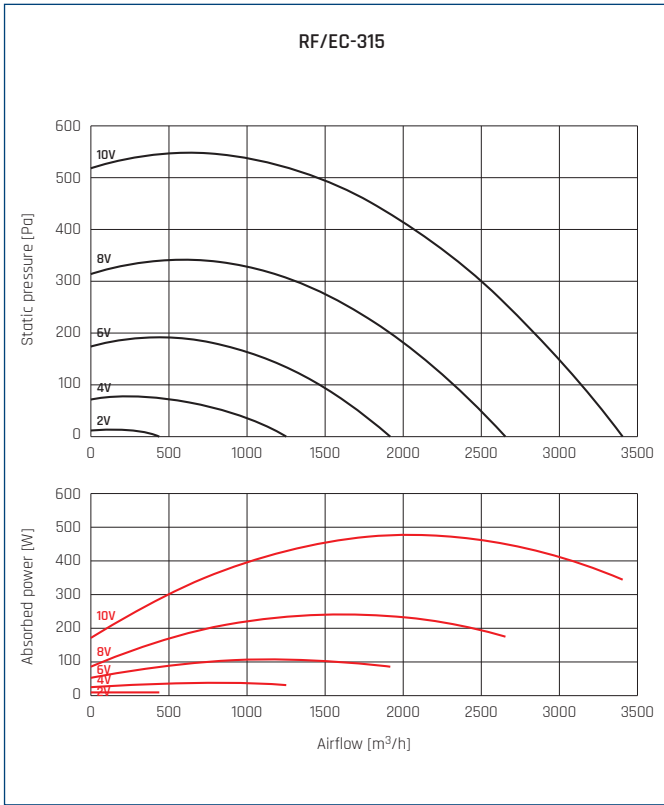
PERFORMANCE CURVES



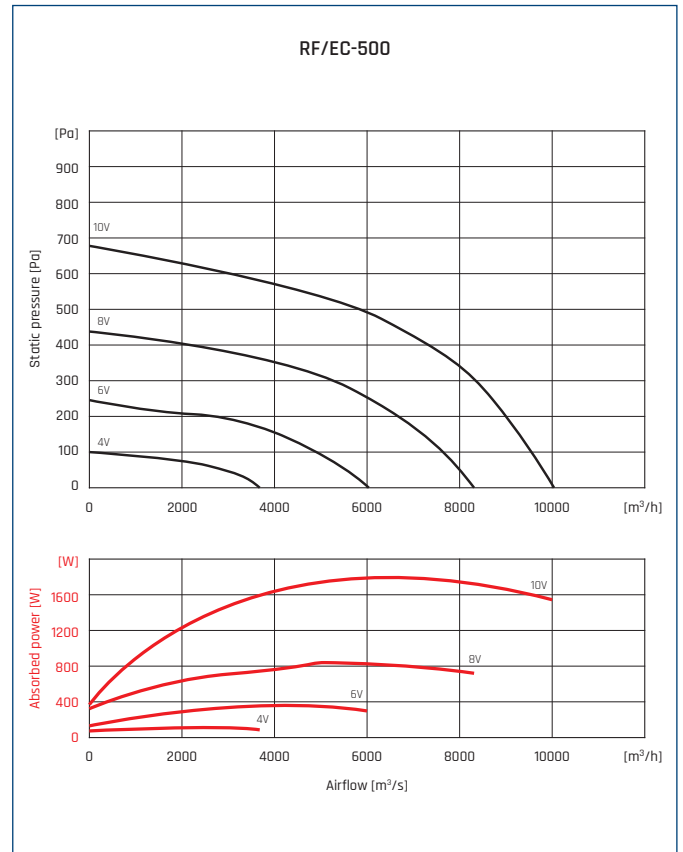
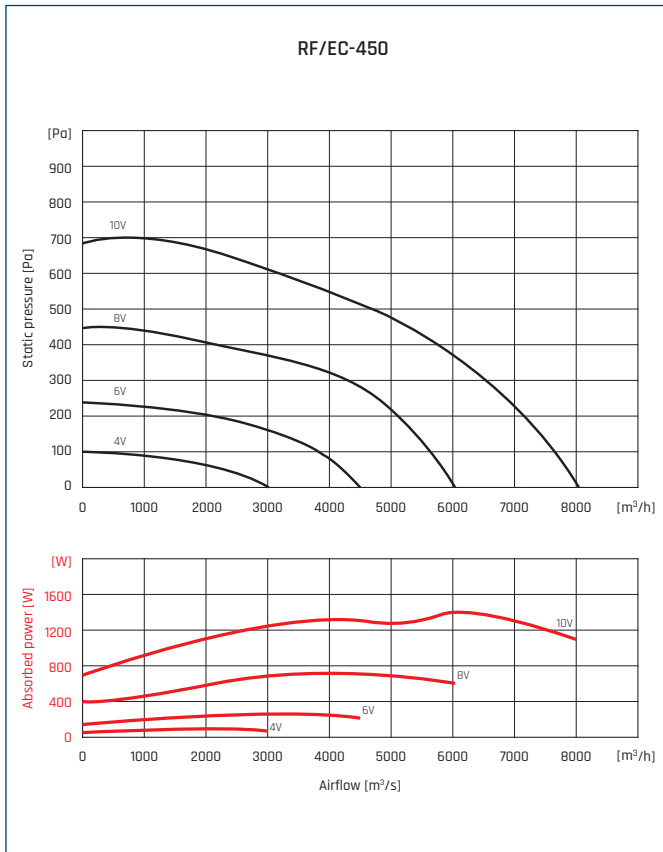
PERFORMANCE CURVES



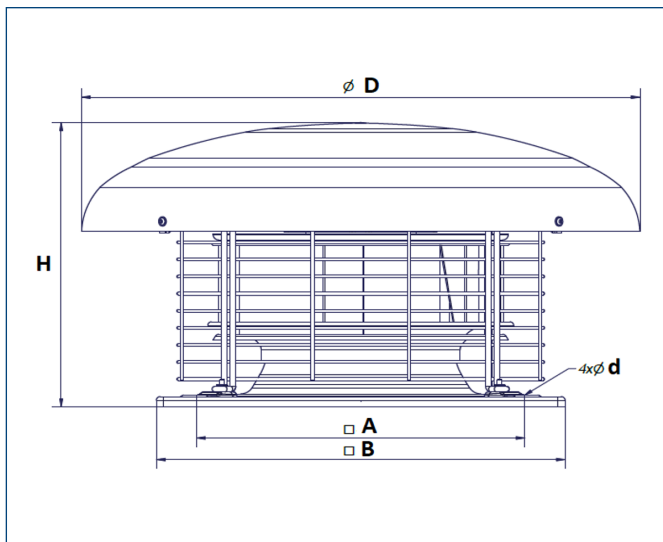
PERFORMANCE CURVES



PERFORMANCE CURVES



DIMENSIONS [mm]



| Type | □A | □B | ∅D | ∅d | H |
|------|-----|-----|------|----|-----|
| 125 | 245 | 300 | 355 | 10 | 191 |
| 160 | 245 | 300 | 355 | 10 | 191 |
| 200 | 330 | 435 | 457 | 12 | 246 |
| 250 | 330 | 435 | 552 | 12 | 316 |
| 315 | 330 | 435 | 552 | 12 | 316 |
| 400 | 450 | 560 | 765 | 12 | 416 |
| 450 | 535 | 630 | 765 | 12 | 421 |
| 500 | 590 | 710 | 1000 | 12 | 535 |

ACOUSTIC CHARACTERISTICS

Sound power level at the fan inlet in dB (A) for different frequency ranges at three characteristic points:

| Type | Airflow | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | L _{WA} |
|-------------|------------|----|-----|-----|-----|------|------|------|------|-----------------|
| RF/EC-125/L | Qmax | 33 | 48 | 60 | 61 | 64 | 65 | 59 | 55 | 70 |
| | 2/3 Qmax | 34 | 44 | 53 | 57 | 58 | 59 | 55 | 47 | 64 |
| | 1/3 Qmax | 35 | 46 | 57 | 59 | 59 | 57 | 52 | 45 | 65 |
| RF/EC-125/H | Qmax | 38 | 51 | 61 | 64 | 68 | 68 | 66 | 59 | 73 |
| | 2/3 Qmax | 37 | 48 | 59 | 61 | 64 | 64 | 63 | 52 | 70 |
| | 1/3 Qmax | 39 | 51 | 63 | 64 | 65 | 64 | 58 | 50 | 70 |
| RF/EC-125/E | Qmax | 46 | 51 | 62 | 69 | 74 | 75 | 68 | 67 | 79 |
| | 2/3 Qmax | 40 | 44 | 59 | 66 | 71 | 72 | 66 | 64 | 76 |
| | 1/3 Qmax | 47 | 49 | 61 | 65 | 69 | 69 | 62 | 59 | 74 |
| RF/EC-160/L | Qmax | 51 | 55 | 66 | 71 | 75 | 72 | 70 | 71 | 79 |
| | 2/3 Qmax | 51 | 54 | 65 | 70 | 72 | 70 | 68 | 68 | 77 |
| | 1/3 Qmax | 51 | 54 | 65 | 69 | 70 | 68 | 66 | 61 | 75 |
| RF/EC-160/H | Qmax | 41 | 49 | 63 | 70 | 75 | 75 | 72 | 70 | 80 |
| | RF/EC-500T | 31 | 40 | 60 | 67 | 73 | 73 | 71 | 66 | 78 |
| | 1/3 Qmax | 37 | 47 | 58 | 66 | 72 | 72 | 70 | 62 | 77 |
| RF/EC-200 | Qmax | 41 | 48 | 59 | 63 | 66 | 66 | 66 | 72 | 75 |
| | 2/3 Qmax | 33 | 43 | 54 | 58 | 61 | 61 | 62 | 63 | 68 |
| | 1/3 Qmax | 38 | 48 | 55 | 58 | 60 | 58 | 57 | 51 | 65 |
| RF/EC-250/L | Qmax | 51 | 55 | 66 | 71 | 75 | 72 | 70 | 71 | 79 |
| | 2/3 Qmax | 51 | 54 | 65 | 70 | 72 | 70 | 68 | 68 | 77 |
| | 1/3 Qmax | 51 | 54 | 65 | 69 | 70 | 68 | 66 | 61 | 75 |
| RF/EC-250/H | Qmax | 42 | 52 | 69 | 71 | 74 | 73 | 71 | 67 | 79 |
| | 2/3 Qmax | 43 | 51 | 64 | 67 | 70 | 69 | 65 | 59 | 75 |
| | 1/3 Qmax | 46 | 49 | 71 | 69 | 68 | 68 | 65 | 57 | 76 |
| RF/EC-315 | Qmax | 40 | 52 | 59 | 64 | 61 | 59 | 58 | 59 | 68 |
| | 2/3 Qmax | 39 | 48 | 54 | 59 | 56 | 54 | 51 | 50 | 63 |
| | 1/3 Qmax | 53 | 60 | 64 | 64 | 60 | 58 | 54 | 48 | 69 |
| RF/EC-315T | Qmax | 49 | 60 | 74 | 79 | 76 | 73 | 73 | 68 | 83 |
| | 2/3 Qmax | 51 | 62 | 72 | 77 | 73 | 68 | 65 | 59 | 80 |
| | 1/3 Qmax | 53 | 61 | 68 | 75 | 70 | 67 | 63 | 58 | 78 |
| RF/EC-355T | Qmax | 47 | 61 | 72 | 76 | 72 | 71 | 71 | 63 | 80 |
| | 2/3 Qmax | 46 | 57 | 67 | 71 | 67 | 64 | 61 | 56 | 74 |
| | 1/3 Qmax | 53 | 63 | 70 | 72 | 68 | 66 | 62 | 56 | 76 |
| RF/EC-400T | Qmax | 48 | 63 | 73 | 76 | 72 | 72 | 69 | 62 | 80 |
| | 2/3 Qmax | 49 | 62 | 73 | 72 | 68 | 65 | 61 | 58 | 77 |
| | 1/3 Qmax | 52 | 64 | 73 | 72 | 68 | 65 | 61 | 56 | 77 |
| RF/EC-450T | Qmax | 46 | 62 | 69 | 71 | 67 | 68 | 66 | 67 | 76 |
| | 2/3 Qmax | 45 | 62 | 67 | 67 | 64 | 62 | 58 | 61 | 72 |
| | 1/3 Qmax | 51 | 63 | 69 | 68 | 66 | 63 | 59 | 55 | 74 |
| RF/EC-500T | Qmax | 46 | 65 | 69 | 69 | 67 | 68 | 66 | 72 | 77 |
| | 2/3 Qmax | 44 | 61 | 65 | 64 | 64 | 59 | 56 | 61 | 71 |
| | 1/3 Qmax | 53 | 62 | 68 | 64 | 65 | 60 | 56 | 54 | 72 |

ACOUSTIC CHARACTERISTICS

Sound power level at the fan inlet in dB (A) for different frequency ranges at three characteristic points:

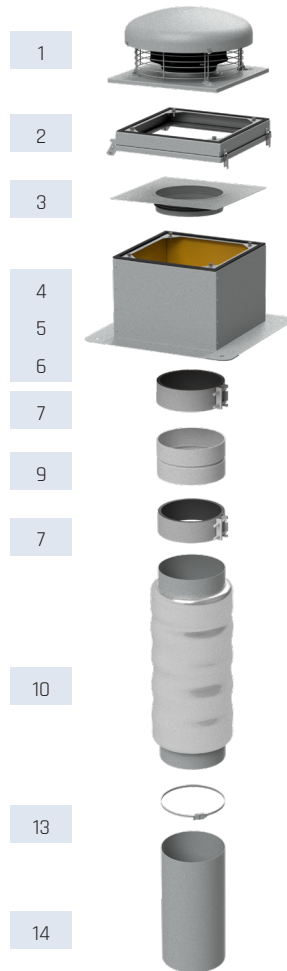
| Type | Airflow | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | L _{WA} |
|-------------|------------|----|-----|-----|-----|------|------|------|------|-----------------|
| RF/EC-125/L | Qmax | 36 | 44 | 60 | 63 | 66 | 70 | 67 | 58 | 74 |
| | 2/3 Qmax | 35 | 43 | 54 | 58 | 59 | 64 | 60 | 48 | 67 |
| | 1/3 Qmax | 36 | 46 | 58 | 61 | 60 | 63 | 57 | 44 | 67 |
| RF/EC-125/H | Qmax | 41 | 48 | 63 | 65 | 70 | 75 | 70 | 62 | 78 |
| | 2/3 Qmax | 38 | 48 | 60 | 62 | 66 | 70 | 68 | 55 | 74 |
| | 1/3 Qmax | 39 | 51 | 63 | 65 | 67 | 70 | 63 | 53 | 74 |
| RF/EC-125/E | Qmax | 45 | 51 | 62 | 69 | 73 | 77 | 73 | 69 | 80 |
| | 2/3 Qmax | 41 | 46 | 56 | 63 | 68 | 73 | 69 | 63 | 76 |
| | 1/3 Qmax | 50 | 51 | 61 | 67 | 71 | 73 | 69 | 63 | 77 |
| RF/EC-160/L | Qmax | 50 | 58 | 74 | 77 | 81 | 79 | 73 | 72 | 85 |
| | 2/3 Qmax | 51 | 57 | 74 | 75 | 79 | 76 | 70 | 68 | 83 |
| | 1/3 Qmax | 48 | 56 | 72 | 73 | 77 | 73 | 68 | 62 | 81 |
| RF/EC-160/H | Qmax | 46 | 51 | 64 | 78 | 82 | 81 | 75 | 72 | 86 |
| | RF/EC-500T | 40 | 45 | 60 | 72 | 80 | 79 | 74 | 63 | 83 |
| | 1/3 Qmax | 37 | 48 | 57 | 60 | 77 | 79 | 74 | 57 | 82 |
| RF/EC-200 | Qmax | 39 | 50 | 60 | 65 | 70 | 72 | 68 | 72 | 77 |
| | 2/3 Qmax | 33 | 45 | 55 | 60 | 65 | 68 | 64 | 64 | 72 |
| | 1/3 Qmax | 37 | 49 | 56 | 60 | 64 | 66 | 60 | 54 | 70 |
| RF/EC-250/L | Qmax | 50 | 58 | 74 | 77 | 81 | 79 | 73 | 72 | 85 |
| | 2/3 Qmax | 51 | 57 | 74 | 75 | 79 | 76 | 70 | 68 | 83 |
| | 1/3 Qmax | 48 | 56 | 72 | 79 | 77 | 73 | 68 | 62 | 82 |
| RF/EC-250/H | Qmax | 40 | 51 | 69 | 78 | 81 | 81 | 79 | 70 | 86 |
| | 2/3 Qmax | 43 | 53 | 65 | 76 | 78 | 77 | 75 | 67 | 83 |
| | 1/3 Qmax | 46 | 52 | 77 | 75 | 77 | 76 | 74 | 65 | 83 |
| RF/EC-315 | Qmax | 39 | 55 | 61 | 67 | 68 | 68 | 63 | 60 | 73 |
| | 2/3 Qmax | 38 | 51 | 56 | 62 | 63 | 62 | 56 | 51 | 68 |
| | 1/3 Qmax | 53 | 62 | 66 | 67 | 67 | 64 | 57 | 50 | 73 |
| RF/EC-315T | Qmax | 49 | 62 | 77 | 82 | 86 | 83 | 78 | 73 | 89 |
| | 2/3 Qmax | 52 | 64 | 73 | 80 | 83 | 80 | 73 | 65 | 86 |
| | 1/3 Qmax | 52 | 63 | 72 | 78 | 79 | 79 | 72 | 63 | 84 |
| RF/EC-355T | Qmax | 47 | 64 | 74 | 80 | 82 | 78 | 76 | 68 | 86 |
| | 2/3 Qmax | 46 | 59 | 69 | 75 | 77 | 73 | 68 | 60 | 81 |
| | 1/3 Qmax | 54 | 66 | 73 | 76 | 77 | 74 | 69 | 61 | 82 |
| RF/EC-400T | Qmax | 49 | 68 | 76 | 81 | 83 | 78 | 74 | 65 | 87 |
| | 2/3 Qmax | 49 | 63 | 75 | 78 | 79 | 73 | 67 | 60 | 83 |
| | 1/3 Qmax | 53 | 66 | 76 | 77 | 77 | 71 | 66 | 59 | 82 |
| RF/EC-450T | Qmax | 47 | 64 | 72 | 77 | 77 | 74 | 72 | 66 | 82 |
| | 2/3 Qmax | 45 | 62 | 70 | 73 | 73 | 67 | 63 | 59 | 78 |
| | 1/3 Qmax | 51 | 64 | 74 | 74 | 73 | 68 | 63 | 56 | 79 |
| RF/EC-500T | Qmax | 49 | 65 | 73 | 76 | 77 | 74 | 71 | 70 | 82 |
| | 2/3 Qmax | 45 | 60 | 68 | 71 | 71 | 65 | 60 | 60 | 76 |
| | 1/3 Qmax | 54 | 64 | 71 | 72 | 71 | 66 | 61 | 55 | 77 |

MOUNTING ACCESSORIES

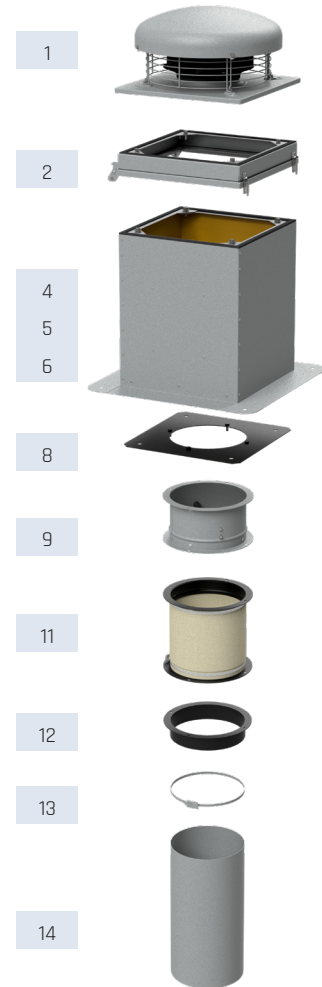
NOTE! DESIGN CHANGES

The connector PZK is available as a separate accessory:
(PZK 125, PZK 160, PZK 200, PZK 250, PZK 315).
When using PZK plate:
the method of assembly "TYPE-A".
If you don't use the PZK plate:
the method of assembly "TYPE-B".

Rodzaj montażu A



Rodzaj montażu B



MOUNTING ACCESSORIES

| Type of assembly | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------------------|-----------|--------------|-----------------|---------------------------|--------------------------|---------------------------|------------------------|
| | Type | swing module | plate with stub | flat roof up stand RSS | flat roof up stand RS | flat roof up stand RSA | anti-vibration bandage |
| A | RF/x-125 | U 300 | PZK 100 | RSS 300 | RS 300 | RSA 300 | ACOP PL 125 |
| B | | | - | | | | - |
| A | RF/x-160 | U 300 | PZK 160 | RSS 300 | RS 300 | RSA 300 | ACOP PL 160 |
| B | | | - | | | | - |
| A | RF/x-200 | U 435 | PZK 200 | RSS 435 | RS 435 | RSA 435 | ACOP PL 200 |
| B | | | - | | | | - |
| A | RF/x-250 | U 435 | PZK 250 | RSS 435 | RS 435 | RSA 435 | ACOP PL 250 |
| B | | | - | | | | - |
| A | RF/x-315 | U 435 | PZK 315 | RSS 435 | RS 435 | RSA 435 | ACOP PL 315 |
| B | | | - | | | | - |
| B | RF/EC-355 | U 560 | - | RSS 560 | RS 560 | RSA 560 | ZDPO 560 |
| B | RF/EC-400 | U 560 | - | RSS 560 | RS 560 | RSA 560 | ZDPO 560 |
| B | RF/EC-450 | U 630 | - | RSS 630 | RS 630 | RSA 630 | ZDPO 630 |
| B | RF/EC-500 | U 710 | - | RSS 710 | RS 710 | RSA 710 | ZDPO 710 |

MOUNTING ACCESSORIES

| Type of assembly | 1 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|------------------|-----------|----------------|--------------------|---------------|--------------------------|-----------|------------|------------------|
| | Type | mounting plate | backflow preventer | duct silencer | connector anti-vibration | stub-pipe | duct clips | ventilation duct |
| A | RF/x-125 | - | CAR-PL 125 | AKU-COMP 125 | - | - | SBF 60-135 | VENTAL 127 |
| B | | P 300 | KZD 300 | - | ZDPO 300 | K 300 | SBF 60-135 | VENTAL 185 |
| A | RF/x-160 | - | CAR-PL 160 | AKU-COMP 160 | - | - | SBF 60-165 | VENTAL 165 |
| B | | P 300 | KZD 300 | - | ZDPO 300 | K 300 | SBF 60-165 | VENTAL 185 |
| A | RF/x-200 | - | CAR-PL 200 | AKU-COMP 200 | - | - | SBF 60-215 | VENTAL 203 |
| B | | P 435 | KZD 435 | - | ZDPO 435 | K 435 | SBF 60-215 | VENTAL 254 |
| A | RF/x-250 | - | CAR-PL 250 | AKU-COMP 250 | - | - | SBF 60-325 | VENTAL 254 |
| B | | P 435 | KZD 435 | - | ZDPO 435 | K 435 | SBF 60-325 | VENTAL 254 |
| A | RF/x-315 | - | CAR-PL 315 | AKU-COMP 315 | - | - | SBF 60-325 | VENTAL 315 |
| B | | P 435 | KZD 435 | - | ZDPO 435 | K 435 | SBF 60-325 | VENTAL 254 |
| B | RF/EC-450 | P 560 | KZD 560-N | - | ZDPO 560 | K 560 | - | - |
| B | RF/EC-400 | P 560 | KZD 560-N | - | ZDPO 560 | K 560 | - | - |
| B | RF/EC-450 | P 630 | KZD 630-N | - | ZDPO 630 | K 630 | - | - |
| B | RF/EC-500 | P 710 | KZD 710-N | - | ZDPO 710 | K 710 | - | - |

Article numbers

| | | | | | | | | | |
|-------------|-------------|------------|-------------|------------|----------|------------|----------|------------|----------|
| ACOP PL 125 | 40521815 | CAR-PL 250 | 40521050-01 | RS 300 | 43526010 | SBF 60-215 | 18520215 | VENTAL 127 | 11027127 |
| ACOP PL 160 | 40521820 | CAR-PL 315 | 40521060-01 | RS 435 | 43526020 | SBF 60-325 | 18520325 | VENTAL 165 | 11027165 |
| ACOP PL 200 | 40521825 | K 300 | 43526400 | RSA 300 | 43526110 | U 300 | 43527200 | VENTAL 203 | 11027203 |
| ACOP PL 250 | 40521830 | K 435 | 43526410 | RSA 435 | 43526120 | U 435 | 43527210 | VENTAL 254 | 11027254 |
| ACOP PL 315 | 40521835 | KZD 300 | 43527300 | RSS 300 | 43526510 | U 560 | 43527220 | VENTAL 315 | 11027315 |
| CAR-PL 125 | 40521020-01 | KZD 435 | 43527310 | RSS 435 | 43526520 | U 630 | 43527230 | ZDPO 300 | 43527400 |
| CAR-PL 160 | 40521030-01 | P 300 | 43526300 | SBF 60-135 | 18520135 | U 710 | 43527240 | ZDPO 435 | 43527410 |
| CAR-PL 200 | 40521040-01 | P 435 | 43526310 | SBF 60-165 | 18520165 | U 905 | 43527230 | | |



ELECTRICAL ACCESSORIES

| Type | wall thermostat | duct thermostat | thermostat | air quality sensor | humidistat | regulator |
|-------------|-----------------|-----------------|------------------|--------------------|------------------|-------------|
| | TS | TK-1 | TK-21 | SQA | HIG-2 | REB ECOWATT |
| RF/EC-125/L | TS | TK-1 | TK-21 | SQA | HIG-2 | REB-ECOWATT |
| RF/EC-125/H | TS | TK-1 | TK-21 | SQA | HIG-2 | REB-ECOWATT |
| RF/EC-125/E | TS | TK-1 | TK-21 | SQA | HIG-2 | REB-ECOWATT |
| RF/EC-160/L | TS | TK-1 | TK-21 | SQA | HIG-2 | REB-ECOWATT |
| RF/EC-160/H | TS | TK-1 | TK-21 | SQA | HIG-2 | REB-ECOWATT |
| RF/EC-200 | TS | TK-1 | TK-21 | SQA | HIG-2 | REB-ECOWATT |
| RF/EC-250/L | TS | TK-1 | TK-21 | SQA | HIG-2 | REB-ECOWATT |
| RF/EC-250/H | TS | TK-1 | TK-21 | SQA | HIG-2 | REB-ECOWATT |
| RF/EC-315 | TS | TK-1 | TK-21 | SQA | HIG-2 | REB-ECOWATT |
| RF/EC-315T | TS + DILM7-10 | TK-1 + DILM7-10 | TK-21 + DILM7-10 | SQA + DILM7-10 | HIG-2 + DILM7-10 | REB-ECOWATT |
| RF/EC-355 | TS + DILM7-10 | - | TK-21 + DILM7-10 | SQA + DILM7-10 | HIG-2 + DILM7-10 | REB ECOWATT |
| RF/EC-400 | TS + DILM7-10 | - | TK-21 + DILM7-10 | SQA + DILM7-10 | HIG-2 + DILM7-10 | REB ECOWATT |
| RF/EC-450 | TS + DILM7-10 | - | TK-21 + DILM7-10 | SQA + DILM7-10 | HIG-2 + DILM7-10 | REB ECOWATT |
| RF/EC-500 | TS + DILM7-10 | - | TK-21 + DILM7-10 | SQA + DILM7-10 | HIG-2 + DILM7-10 | REB ECOWATT |

Article numbers

| | | | | | | | | | |
|-----------|-------------|-------|----------|-------------|----------|-----|----------|------|----------|
| DILM-7-10 | 91040666-47 | HIG-2 | 40025150 | REB-ECOWATT | 40025005 | SQA | 40025140 | TK-1 | 40025330 |
| TK-21 | 40025320 | TS | 40025345 | | | | | | |



ERP CHARACTERISTICS

| NRVU* | | | | | | |
|-------|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| | Name | RF/EC-125/L | RF/EC-125/H | RF/EC-125/E | RF/EC-160/L | RF/EC-160/H |
| a | supplier name | VENTURE INDUSTRIES | VENTURE INDUSTRIES | VENTURE INDUSTRIES | VENTURE INDUSTRIES | VENTURE INDUSTRIES |
| b | article number | 43522910 | 43522912 | 43522914 | 43522915 | 43522918 |
| c | device category | NRVU | NRVU | NRVU | NRVU | NRVU |
| c | device type | UVU | UVU | UVU | UVU | UVU |
| d | type of drive | variable speed drive | variable speed drive | variable speed drive | variable speed drive | variable speed drive |
| e | type of heat recovery system | not applicable | not applicable | not applicable | not applicable | not applicable |
| f | thermal efficiency of heat recovery [%] | not applicable | not applicable | not applicable | not applicable | not applicable |
| g | reference flow rate in NRVU [m³/s] | 0,06 | 0,1 | 0,13 | 0,17 | 0,19 |
| h | electric power input (w kW) | 0,03 | 0,06 | 0,17 | 0,13 | 0,17 |
| i | SFPint W/(m³/s) | 585 | 644 | 1247 | 763 | 880 |
| j | face velocity m/s | 0,38 | 0,64 | 0,9 | 0,94 | 1,08 |
| k | Δps, ext (Pa) | 198 | 245 | 516 | 317 | 423 |
| l | Δps,int (Pa) | not applicable | not applicable | not applicable | not applicable | not applicable |
| m | Δps,add (Pa) | not applicable | not applicable | not applicable | not applicable | not applicable |
| n | static efficiency of fans [%] | 33,00% | 38,00% | 41,00% | 39,00% | 47,00% |
| o | Maximum external leakage rate [%] | 0 | 0 | 0 | 0 | 0 |
| p | energy performance | not applicable | not applicable | not applicable | not applicable | not applicable |
| q | visual filter warning | not applicable | not applicable | not applicable | not applicable | not applicable |
| r | L _{WA} dB(A) | 66 | 67 | 76 | 69 | 73 |
| s | internet address | www.ventur.eu | www.ventur.eu | www.ventur.eu | www.ventur.eu | www.ventur.eu |

* NRVU - "non-residential ventilation unit" - according to COMMISSION REGULATION (EU) No 1254/2014.

ERP CHARACTERISTICS

| NRVU* | | | | | | |
|-------|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| | Name | RF/EC-200 | RF/EC-250/L | RF/EC-250/H | RF/EC-315 | RF/EC-315T |
| a | supplier name | VENTURE INDUSTRIES | VENTURE INDUSTRIES | VENTURE INDUSTRIES | VENTURE INDUSTRIES | VENTURE INDUSTRIES |
| b | article number | 43522921 | 43522922 | 43522925 | 43522931 | 43522932 |
| c | device category | NRVU | NRVU | NRVU | NRVU | NRVU |
| c | device type | UVU | UVU | UVU | UVU | UVU |
| d | type of drive | variable speed drive | variable speed drive | variable speed drive | variable speed drive | variable speed drive |
| e | type of heat recovery system | not applicable | not applicable | not applicable | not applicable | not applicable |
| f | thermal efficiency of heat recovery [%] | not applicable | not applicable | not applicable | not applicable | not applicable |
| g | reference flow rate in NRVU [m ³ /s] | 0,25 | 0,33 | 0,44 | 0,83 | 0,85 |
| h | electric power input (w kW) | 0,15 | 0,22 | 0,44 | 1,24 | 1,24 |
| i | SFPint W/(m ³ /s) | 617 | 673 | 1017 | 1491 | 1468 |
| j | face velocity m/s | 1,13 | 1,42 | 1,91 | 3,24 | 3,29 |
| k | Δps, ext (Pa) | 299 | 320 | 569 | 783 | 771 |
| l | Δps,int (Pa) | not applicable | not applicable | not applicable | not applicable | not applicable |
| m | Δps,add (Pa) | not applicable | not applicable | not applicable | not applicable | not applicable |
| n | static efficiency of fans [%] | 48,00% | 48,00% | 55,00% | 53,00% | 53,00% |
| o | Maximum external leakage rate [%] | 0 | 0 | 0 | 0 | 0 |
| p | energy performance | not applicable | not applicable | not applicable | not applicable | not applicable |
| q | visual filter warning | not applicable | not applicable | not applicable | not applicable | not applicable |
| r | L _{WA} dB(A) | 70 | 72 | 78 | 66 | 77 |
| s | internet address | www.ventur.eu | www.ventur.eu | www.ventur.eu | www.ventur.eu | www.ventur.eu |

* NRVU - "non-residential ventilation unit" - according to COMMISSION REGULATION (EU) No 1254/2014.

| NRVU* | | | | | |
|-------|---|----------------------|----------------------|----------------------|----------------------|
| | Name | RF/EC-355T | RF/EC-400T | RF/EC-450T | RF/EC-500T |
| a | supplier name | VENTURE INDUSTRIES | VENTURE INDUSTRIES | VENTURE INDUSTRIES | VENTURE INDUSTRIES |
| b | article number | 43522936 | 43522941 | 43522946 | 43522951 |
| c | device category | NRVU | NRVU | NRVU | NRVU |
| c | device type | UVU | UVU | UVU | UVU |
| d | type of drive | variable speed drive | variable speed drive | variable speed drive | variable speed drive |
| e | type of heat recovery system | not applicable | not applicable | not applicable | not applicable |
| f | thermal efficiency of heat recovery [%] | not applicable | not applicable | not applicable | not applicable |
| g | reference flow rate in NRVU [m ³ /s] | 0,97 | 1,31 | 1,43 | 1,99 |
| h | electric power input (w kW) | 1,27 | 1,62 | 1,35 | 1,61 |
| i | SFPint W/(m ³ /s) | 1310 | 1231 | 943 | 808 |
| j | face velocity m/s | 3,08 | 3,67 | 3,65 | 4,52 |
| k | Δps, ext (Pa) | 649 | 592 | 467 | 427 |
| l | Δps,int (Pa) | not applicable | not applicable | not applicable | not applicable |
| m | Δps,add (Pa) | not applicable | not applicable | not applicable | not applicable |
| n | static efficiency of fans [%] | 49,5% | 48,1% | 49,5% | 52,8% |
| o | Maximum external leakage rate [%] | 0 | 0 | 0 | 0 |
| p | energy performance | not applicable | not applicable | not applicable | not applicable |
| q | visual filter warning | not applicable | not applicable | not applicable | not applicable |
| r | L _{WA} dB(A) | 75 | 76 | 72 | 72 |
| s | internet address | www.ventur.eu | www.ventur.eu | www.ventur.eu | www.ventur.eu |

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