

COOKVENT ECO

wentylatory kuchenne



wirnik

Wirnik nowej generacji wyważony dynamicznie w klasie G2.5, typu B z łopatkami pochylonymi do tyłu, wykonany z blachy stalowej malowanej proszkowo. Kształt łopatek ogranicza osadzanie się tłuszczu i zanieczyszczeń co pozwala utrzymać najwyższe parametry pracy przez cały okres użytkowania wentylatora.

napęd i sterowanie

Jednofazowy (230V, 50Hz, IP54, klasa izolacji F) lub trójfazowy (400V, 50Hz, IP55, klasa izolacji F) asynchroniczny silnik elektryczny zlokalizowany całkowicie poza strumieniem usuwanego powietrza.

Prędkość obrotowa modeli jednofazowych może być kontrolowana przy pomocy regulatorów transformatorowych. Zalecany zakres regulacji napięcia 80-230V. Silniki te posiadają wbudowane czujniki temperatury uzwojeń typu termokontakt, które muszą być podłączone i monitorowane przez zewnętrzne urządzenie ochrony termicznej, np. automatykę, przełącznik wbudowany w regulator, przełącznik SET10 itp.

Prędkość obrotowa modeli z silnikami trójfazowymi (3x230Δ/3x400Y) może być kontrolowana za pomocą przemienników częstotliwości, wyłączanie w zakresie częstotliwości (obrotów) podanych w tabeli/wykresie doboru. W przypadku bezpośredniego podłączenia silników trójfazowych do sieci należy zabezpieczyć je przy pomocy wyłączników silnikowych z wbudowanym wyzwalaczem zwiarciovym i przeciążeniowym.

maksymalna temperatura pracy

55 ÷ 80°C w zależności od modelu

zastosowanie

Efektywny odciąg oparów z kuchni przemysłowych w obiektach gastronomicznych. Możliwość zastosowania we wszelkich instalacjach odciągowych do przetłaczania powietrza o podwyższonej temperaturze.

Aksesoria



AS
wyłącznik serwisowy
str. nr 548



STRS-1
5-bieg, transformatorowy reg. obrotów
str. nr 533



iC5/iG5A
przeмиennik częstotliwości
str. nr 550



WSH
osłona silnika
str. nr 288

konstrukcja

Wentylator promieniowy z silnikiem zlokalizowanym poza strumieniem przetłaczanego powietrza przeznaczony do stosowania w instalacjach wyciągowych kuchennych. Obudowa wykonana z ocynkowanej galwanicznie blachy stalowej posiada uchwyty do montażu ściennego wentylatora. Zastosowane materiały oraz dodatkowe uszczelnienie wału napędowego zapewniają wysoką klasę szczelności obudowy. Układ silnik - wirnik zamontowano na uchylonych drzwiach inspekcyjnych, które umożliwiają dostęp do wnętrza wentylatora w celu przeprowadzenia czynności konserwacyjnych. W komplecie dostarczony jest króciec odpływu kondensatu do samodzielnego montażu.

tablica doboru akcesoriów dla wentylatorów COOKVENT ECO

| Typ COOKVENT ECO | 200/1500 | 315/3200 | 355/4500 |
|---------------------------------|--------------|--------------|---------------|
| wyłącznik serwisowy | AS16A4P | AS16A4P | AS16A4P |
| regulator transformatorowy z TK | STRS-1-35L22 | STRS-1-50L22 | STRS-1-100L22 |
| osłona silnika | WSH | WSH | WSH |

| Typ COOKVENT ECO | 200/2000T | 315/3200T | 355/3500T | 355/4400T | 355/4500T | 355/4600T | 355/6700T |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| wyłącznik serwisowy | AS16A4P | AS16A4P | AS16A4P | AS16A4P | AS16A4P | AS16A4P | AS16A4P |
| przeмиennik częstotliwości 1x230V/3x230V | SV004iC5-1F | SV008iC5-1F | SV004iC5-1F | SV008iC5-1F | SV004iC5-1F | SV008iC5-1F | SV008iC5-1F |
| przeмиennik częstotliwości 3x400V/3x400V | SV004iG5A-4 | SV008iG5A-4 | SV008iG5A-4 | SV008iG5A-4 | SV008iG5A-4 | SV015iG5A-4 | SV015iG5A-4 |
| osłona silnika | WSH | WSH | WSH | WSH | WSH | WSH | WSH |

dane techniczne

| Typ | V _{max} [m ³ /h] | Δp _{max} [Pa] | P _{max} [W] | U _{nom} [V] | I _{max} [A] | RPM _{max} [1/min] | t _A [°C] | t _{max} [°C] | L _{WA} [dB(A)] | L _{PA} [dB(A)] | m [kg] | nr katalogowy |
|-----------------------|---|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------------|------------------------|--------------------------|----------------------------|----------------------------|-----------|---------------|
| COOKVENT ECO 200/1500 | 1550 | 670 | 288 | 230 | 2.1 | 2920 | 80 | 80 | 66 | 43 | 17.1 | 13788300 |
| COOKVENT ECO 315/3200 | 3260 | 1000 | 703 | 230 | 4.1 | 2900 | 80 | 80 | 72 | 49 | 26.3 | 12782200 |
| COOKVENT ECO 355/4500 | 4480 | 1300 | 1282 | 230 | 7.5 | 2920 | 55 (70)* | 55 (70)* | 75 | 52 | 35.5 | 13741300 |

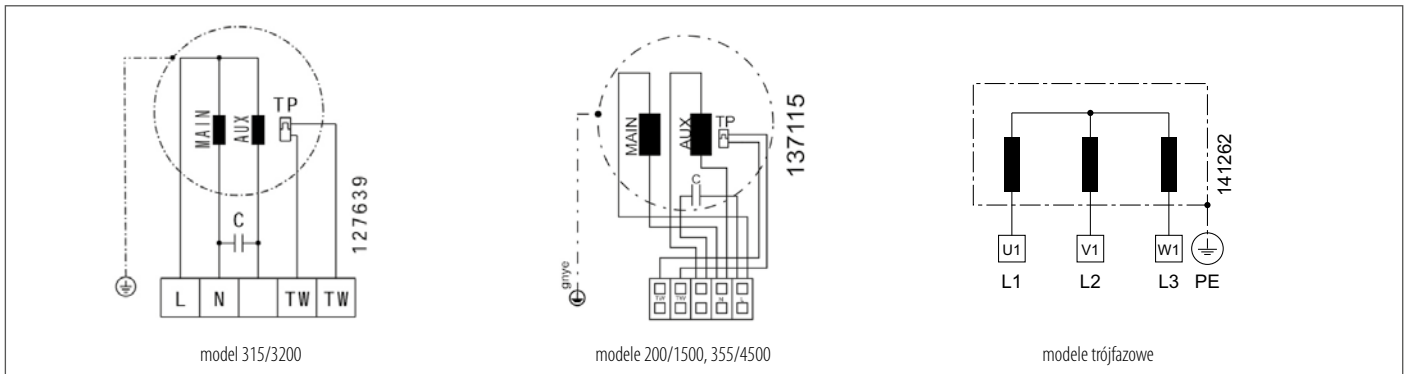
| Typ | V _{max} [m ³ /h] | Δp _{max} [Pa] | P _{max} [W] | U _{nom} [V] | f _{nom} [Hz] | f _{min} - f _{max} [Hz] | I _{max} [A] | RPM _{max} [1/min] | t _A [°C] | t _{max} [°C] | L _{WA} [dB(A)] | L _{PA} [dB(A)] | m [kg] | nr katalogowy |
|------------------------|---|---------------------------|-------------------------|-------------------------|--------------------------|---|-------------------------|-------------------------------|------------------------|--------------------------|----------------------------|----------------------------|-----------|---------------|
| COOKVENT ECO 200/2000T | 1990 | 980 | 504 | 3~230/400(Δ/Y) | 50 | 20-60 | 1 | 3525 | 60 | 80 | 73 | 50 | 20.0 | 15877900 |
| COOKVENT ECO 315/3200T | 3240 | 1020 | 776 | 3~230/400(Δ/Y) | 50 | 20-50 | 1.4 | 2910 | 60 | 80 | 73 | 50 | 25.0 | 15878100 |
| COOKVENT ECO 355/3500T | 3510 | 860 | 703 | 3~230/400(Δ/Y) | 50 | 20-80 | 1.2 | 2360 | 60 | 80 | 73 | 50 | 34.0 | 15881300 |
| COOKVENT ECO 355/4400T | 4390 | 860 | 830 | 3~230/400(Δ/Y) | 50 | 20-70 | 1.4 | 2050 | 60 | 80 | 69 | 46 | 37.0 | 15881400 |
| COOKVENT ECO 355/4500T | 4510 | 565 | 573 | 3~230/400(Δ/Y) | 50 | 20-50 | 1.1 | 1480 | 60 | 80 | 68 | 45 | 45.0 | 15882000 |
| COOKVENT ECO 355/4600T | 4520 | 1340 | 1243 | 3~230/400(Δ/Y) | 50 | 20-50 | 2.4 | 2950 | 60 | 80 | 75 | 52 | 35.0 | 15881200 |
| COOKVENT ECO 355/6700T | 6700 | 870 | 1291 | 3~230/400(Δ/Y) | 50 | 20-55 | 2,6 | 1630 | 60 | 80 | 73 | 50 | 53,0 | 15882100 |

t_A - temp. otoczenia, t_{max} - maks. temp. medium

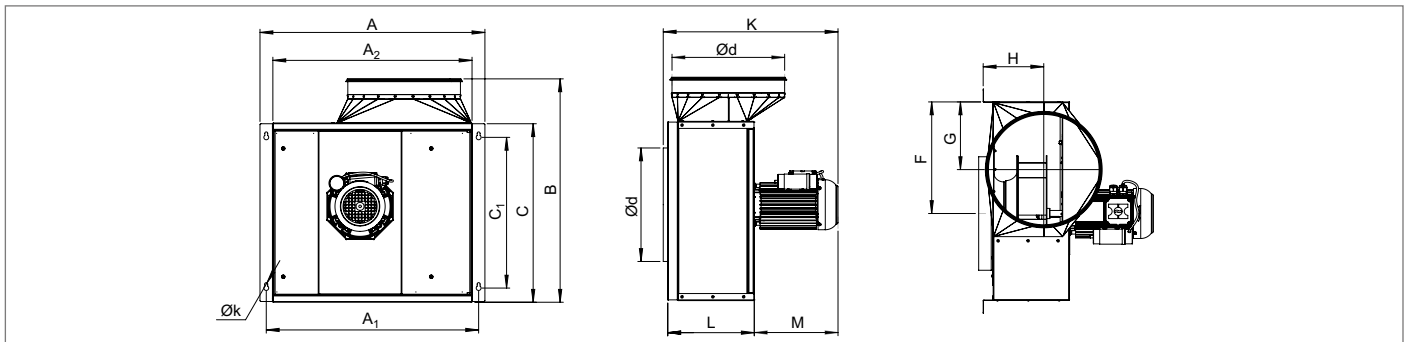
L_{PA} - poziom ciśnienia akustycznego z odl. 4 m (pole swobodne)

* - wartość w nawiasie dla pracy bez regulacji obrotów silnika

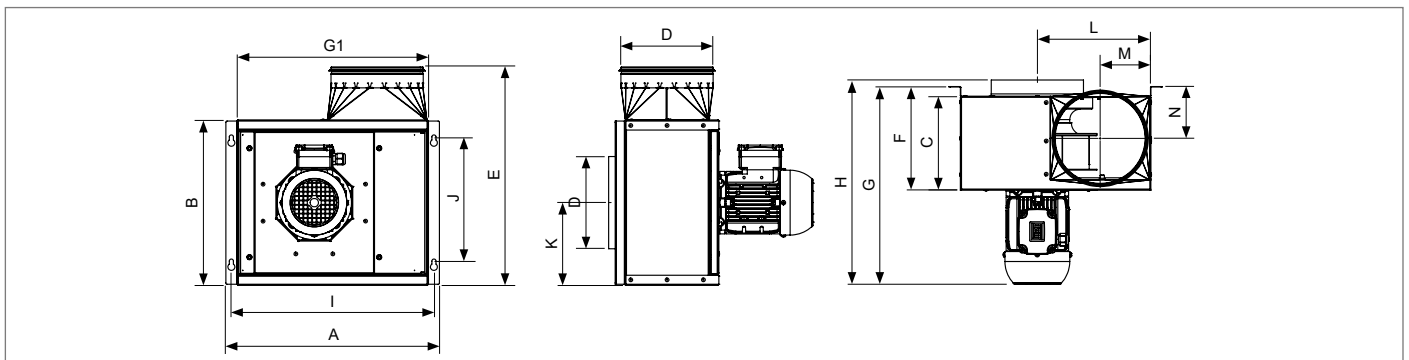
schemat elektryczny



wymiary

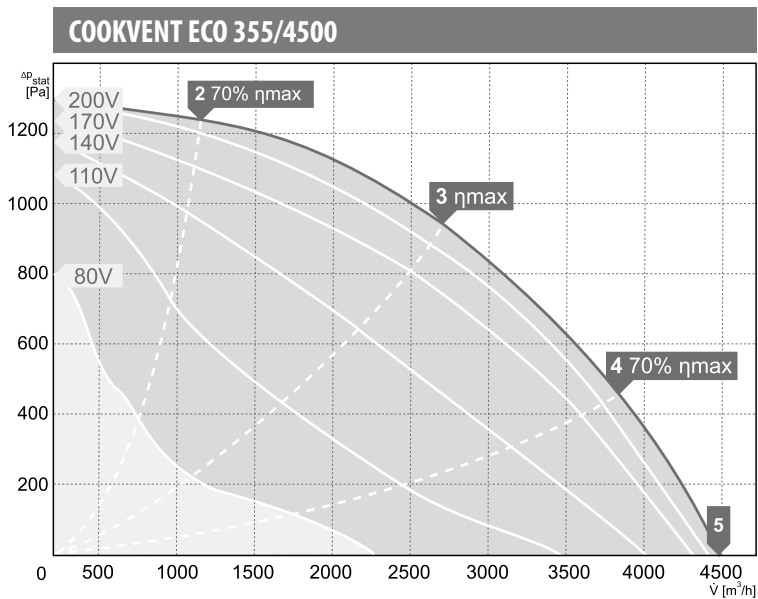
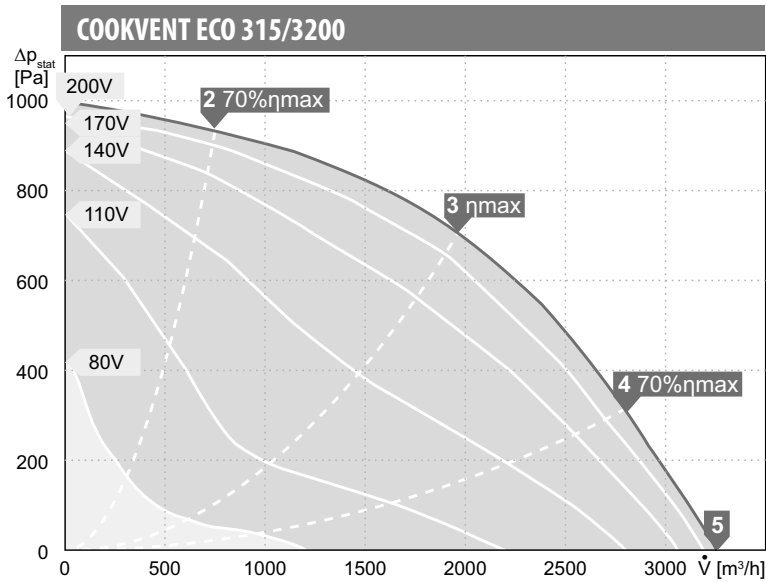
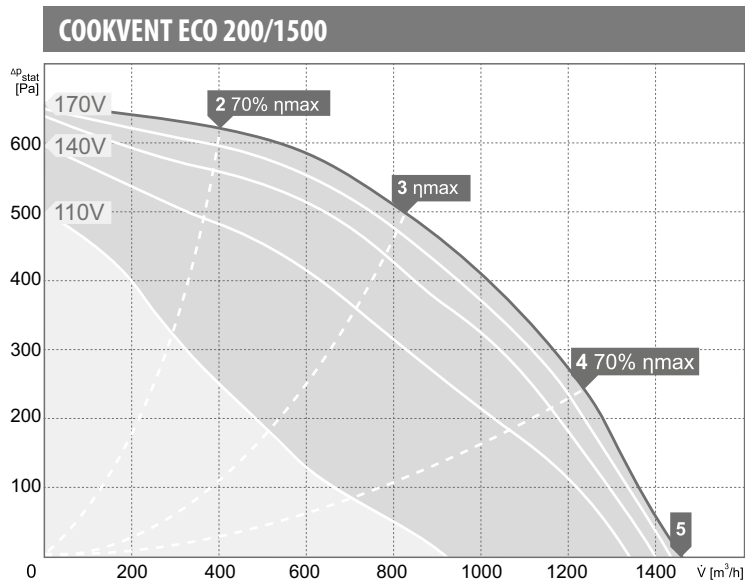


| Typ | A [mm] | A ₁ [mm] | A ₂ [mm] | Øk [mm] | B [mm] | C [mm] | C ₁ [mm] | Ød [mm] | F [mm] | G [mm] | H [mm] | K [mm] | L [mm] | M [mm] |
|-----------------------|--------|---------------------|---------------------|---------|--------|--------|---------------------|---------|--------|--------|--------|--------|--------|--------|
| COOKVENT ECO 200/1500 | 461 | 437 | 411 | 4x9 | 471 | 357 | 268 | 199 | 245 | 110 | 112 | 433 | 224 | 195 |
| COOKVENT ECO 315/3200 | 591 | 552 | 511 | 4x9 | 582 | 444 | 365 | 314 | 304 | 170 | 170 | 482 | 254 | 214 |
| COOKVENT ECO 355/4500 | 699 | 660 | 619 | 4x9 | 697 | 557 | 470 | 354 | 347 | 211 | 188 | 543 | 269 | 260 |



| Typ | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | G ₁ [mm] | H [mm] | I [mm] | J [mm] | K [mm] | L [mm] | M [mm] | N [mm] |
|------------------------|--------|--------|--------|--------|--------|--------|--------|---------------------|--------|--------|--------|--------|--------|--------|--------|
| COOKVENT ECO 200/2000T | 461 | 357 | 203 | 199 | 471 | 224 | 427 | 411 | 451 | 437 | 268 | 179 | 245 | 110 | 112 |
| COOKVENT ECO 315/3200T | 591 | 444 | 223 | 314 | 582 | 254 | 468 | 511 | 479 | 552 | 365 | 222 | 304 | 170 | 170 |
| COOKVENT ECO 355/3500T | 699 | 559 | 238 | 354 | 697 | 269 | 488 | 619 | 499 | 660 | 470 | 299 | 348 | 211 | 188 |
| COOKVENT ECO 355/4400T | 699 | 559 | 238 | 354 | 697 | 269 | 488 | 619 | 499 | 660 | 470 | 299 | 348 | 211 | 188 |
| COOKVENT ECO 355/4500T | 833 | 680 | 277 | 354 | 822 | 308 | 527 | 753 | 538 | 794 | 600 | 370 | 439 | 211 | 188 |
| COOKVENT ECO 355/4600T | 699 | 559 | 238 | 354 | 697 | 269 | 488 | 619 | 499 | 660 | 470 | 299 | 348 | 211 | 188 |
| COOKVENT ECO 355/6700T | 833 | 680 | 277 | 354 | 822 | 308 | 570 | 753 | 581 | 794 | 600 | 370 | 439 | 211 | 188 |

charakterystyki pracy



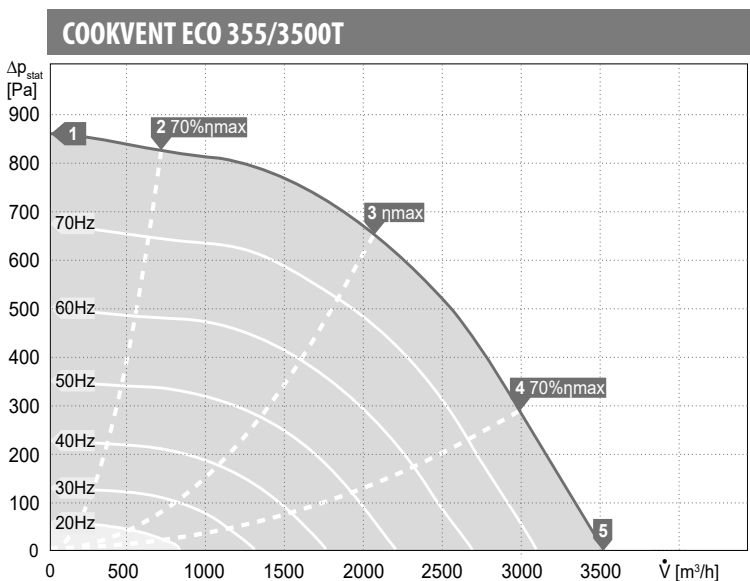
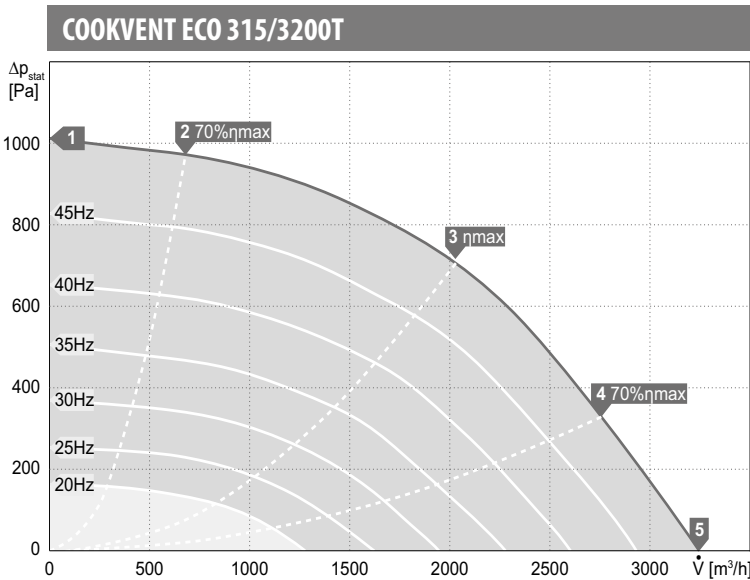
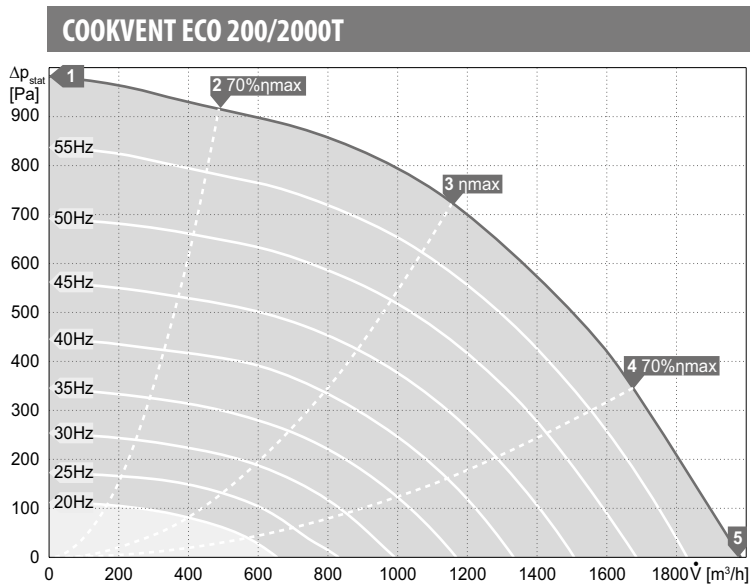
wartości mocy akustycznej L_{WA} [dB(A)]
dla poszczególnych częstotliwości pasm oktaowych [Hz]

| Pkt. Pracy | tot | Częstotliwości pasm oktaowych [Hz] | | | | | | | |
|-----------------------------|-----|------------------------------------|-----|-----|-----|------|------|------|------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 74 | 45 | 60 | 65 | 67 | 68 | 66 | 62 | 56 |
| 3 | 73 | 40 | 54 | 62 | 67 | 67 | 66 | 61 | 56 |
| 4 | 74 | 39 | 54 | 66 | 70 | 68 | 66 | 61 | 55 |
| 5 | 76 | 41 | 54 | 67 | 71 | 70 | 69 | 66 | 59 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 75 | 46 | 60 | 65 | 69 | 67 | 69 | 64 | 56 |
| 3 | 73 | 43 | 53 | 61 | 66 | 67 | 69 | 65 | 58 |
| 4 | 75 | 42 | 54 | 65 | 69 | 68 | 70 | 65 | 57 |
| 5 | 77 | 43 | 56 | 64 | 71 | 70 | 73 | 69 | 61 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 66 | 47 | 56 | 57 | 59 | 61 | 59 | 56 | 52 |
| 3 | 66 | 46 | 54 | 56 | 58 | 61 | 59 | 56 | 51 |
| 4 | 68 | 46 | 57 | 59 | 63 | 62 | 59 | 55 | 51 |
| 5 | 70 | 51 | 57 | 64 | 66 | 63 | 61 | 56 | 52 |

| Pkt. Pracy | tot | Częstotliwości pasm oktaowych [Hz] | | | | | | | |
|-----------------------------|-----|------------------------------------|-----|-----|-----|------|------|------|------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 82 | 52 | 68 | 74 | 76 | 75 | 72 | 73 | 67 |
| 3 | 81 | 50 | 62 | 73 | 75 | 73 | 72 | 74 | 72 |
| 4 | 84 | 48 | 59 | 77 | 79 | 76 | 73 | 74 | 76 |
| 5 | 86 | 49 | 62 | 79 | 81 | 78 | 75 | 75 | 77 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 83 | 56 | 71 | 77 | 76 | 77 | 76 | 73 | 68 |
| 3 | 84 | 54 | 67 | 78 | 76 | 77 | 76 | 73 | 70 |
| 4 | 85 | 55 | 64 | 79 | 78 | 79 | 78 | 75 | 74 |
| 5 | 88 | 48 | 64 | 81 | 80 | 82 | 81 | 77 | 75 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 75 | 61 | 65 | 68 | 62 | 70 | 64 | 61 | 56 |
| 3 | 72 | 55 | 53 | 67 | 59 | 69 | 64 | 61 | 56 |
| 4 | 75 | 55 | 63 | 70 | 63 | 70 | 64 | 61 | 57 |
| 5 | 76 | 56 | 56 | 72 | 66 | 73 | 65 | 62 | 58 |

| Pkt. Pracy | tot | Częstotliwości pasm oktaowych [Hz] | | | | | | | |
|-----------------------------|-----|------------------------------------|-----|-----|-----|------|------|------|------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 83 | 55 | 71 | 77 | 78 | 76 | 75 | 72 | 65 |
| 3 | 83 | 48 | 59 | 77 | 77 | 76 | 74 | 71 | 64 |
| 4 | 86 | 50 | 59 | 82 | 80 | 79 | 76 | 75 | 69 |
| 5 | 88 | 50 | 64 | 82 | 83 | 82 | 79 | 78 | 72 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 86 | 61 | 70 | 82 | 77 | 78 | 77 | 73 | 65 |
| 3 | 86 | 61 | 60 | 82 | 77 | 78 | 77 | 74 | 67 |
| 4 | 90 | 56 | 63 | 86 | 81 | 83 | 82 | 78 | 72 |
| 5 | 92 | 59 | 66 | 88 | 83 | 84 | 83 | 80 | 75 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 77 | 63 | 69 | 71 | 65 | 69 | 69 | 64 | 58 |
| 3 | 75 | 58 | 62 | 69 | 65 | 69 | 68 | 64 | 57 |
| 4 | 77 | 60 | 65 | 73 | 68 | 70 | 68 | 64 | 56 |
| 5 | 79 | 64 | 65 | 75 | 70 | 71 | 69 | 64 | 57 |

charakterystyki pracy



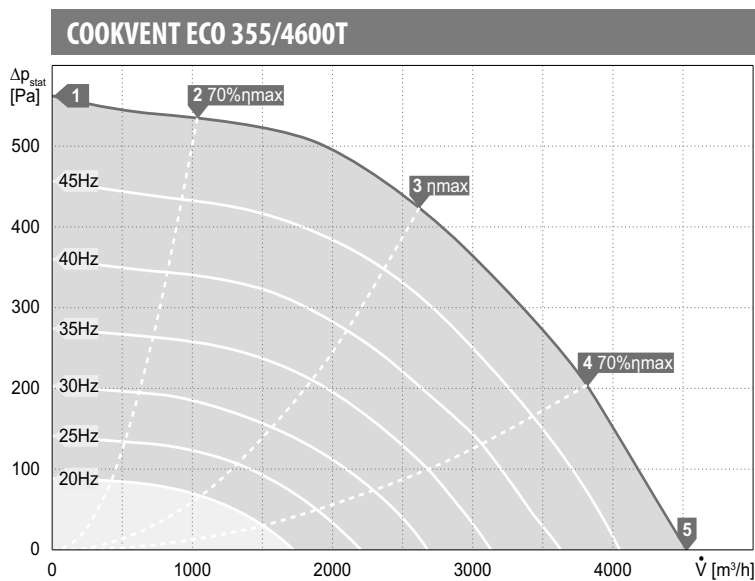
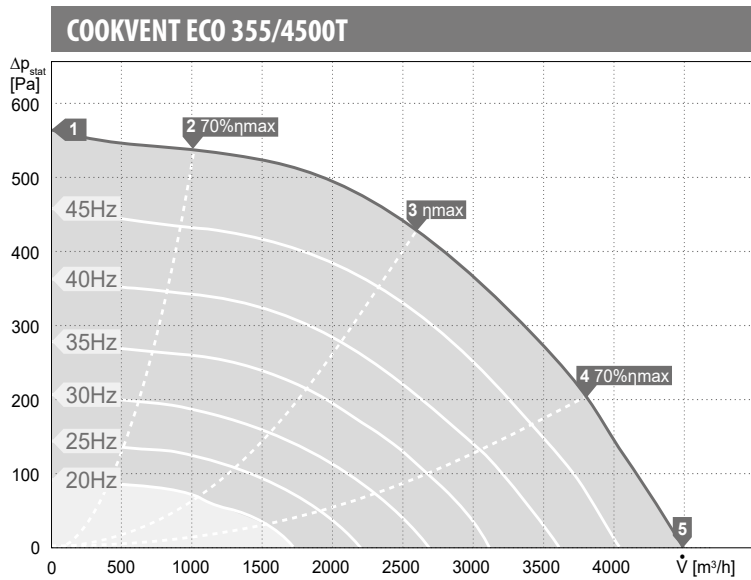
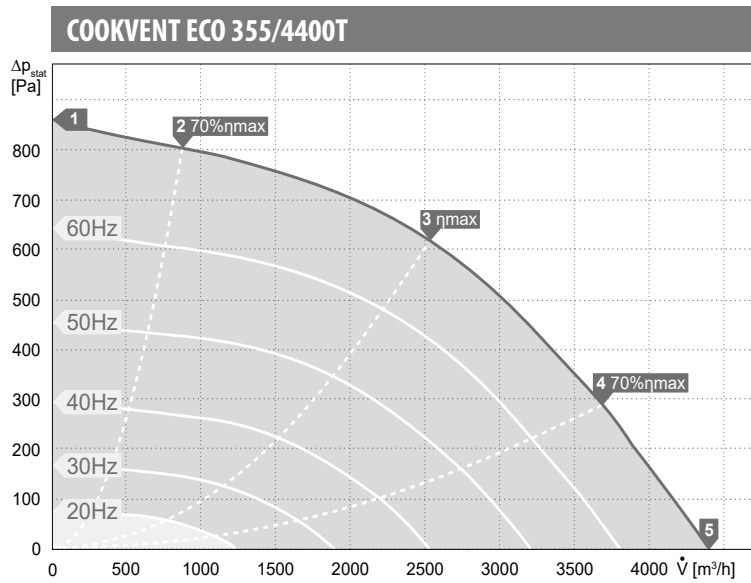
wartości mocy akustycznej L_{WA} [dB(A)]
dla poszczególnych częstotliwości pasm oktaowych [Hz]

| Pkt. Pracy | Częstotliwości pasm oktaowych [Hz] | | | | | | | | |
|-----------------------------|------------------------------------|----|-----|-----|-----|------|------|------|------|
| | tot | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 81 | 50 | 72 | 73 | 75 | 75 | 71 | 68 | 61 |
| 3 | 79 | 51 | 69 | 66 | 74 | 73 | 71 | 68 | 62 |
| 4 | 82 | 51 | 63 | 66 | 78 | 77 | 72 | 70 | 64 |
| 5 | 84 | 46 | 63 | 68 | 80 | 79 | 74 | 73 | 66 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 84 | 61 | 71 | 74 | 81 | 74 | 75 | 70 | 63 |
| 3 | 81 | 53 | 61 | 66 | 78 | 72 | 73 | 71 | 64 |
| 4 | 85 | 50 | 60 | 66 | 83 | 75 | 76 | 73 | 66 |
| 5 | 88 | 52 | 63 | 69 | 86 | 77 | 77 | 75 | 69 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 76 | 51 | 70 | 68 | 69 | 67 | 68 | 63 | 57 |
| 3 | 73 | 41 | 56 | 60 | 67 | 67 | 68 | 63 | 56 |
| 4 | 74 | 42 | 56 | 58 | 71 | 67 | 68 | 63 | 56 |
| 5 | 76 | 44 | 58 | 61 | 73 | 67 | 69 | 63 | 57 |

| Pkt. Pracy | Częstotliwości pasm oktaowych [Hz] | | | | | | | | |
|-----------------------------|------------------------------------|----|-----|-----|-----|------|------|------|------|
| | tot | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 82 | 52 | 73 | 75 | 77 | 75 | 74 | 72 | 64 |
| 3 | 81 | 46 | 59 | 74 | 76 | 75 | 73 | 72 | 65 |
| 4 | 84 | 46 | 61 | 78 | 79 | 77 | 76 | 75 | 67 |
| 5 | 87 | 47 | 66 | 80 | 82 | 79 | 79 | 78 | 71 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 86 | 53 | 73 | 81 | 78 | 78 | 79 | 74 | 66 |
| 3 | 84 | 44 | 60 | 80 | 74 | 77 | 77 | 74 | 67 |
| 4 | 88 | 48 | 63 | 84 | 79 | 80 | 79 | 76 | 69 |
| 5 | 90 | 49 | 67 | 86 | 82 | 83 | 82 | 79 | 73 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 75 | 58 | 69 | 70 | 63 | 67 | 64 | 59 | 54 |
| 3 | 73 | 53 | 56 | 68 | 59 | 71 | 63 | 58 | 52 |
| 4 | 77 | 53 | 59 | 75 | 63 | 70 | 64 | 59 | 53 |
| 5 | 75 | 52 | 62 | 72 | 65 | 69 | 65 | 60 | 54 |

| Pkt. Pracy | Częstotliwości pasm oktaowych [Hz] | | | | | | | | |
|-----------------------------|------------------------------------|----|-----|-----|-----|------|------|------|------|
| | tot | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 84 | 57 | 74 | 77 | 79 | 76 | 75 | 73 | 66 |
| 3 | 82 | 45 | 56 | 75 | 76 | 74 | 75 | 74 | 68 |
| 4 | 85 | 47 | 61 | 80 | 80 | 78 | 76 | 76 | 69 |
| 5 | 88 | 52 | 64 | 83 | 83 | 81 | 80 | 79 | 73 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 87 | 57 | 71 | 84 | 78 | 80 | 79 | 75 | 69 |
| 3 | 86 | 48 | 61 | 82 | 75 | 78 | 78 | 75 | 69 |
| 4 | 88 | 49 | 62 | 83 | 78 | 82 | 81 | 78 | 71 |
| 5 | 91 | 53 | 65 | 85 | 82 | 85 | 84 | 81 | 76 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 77 | 62 | 70 | 74 | 67 | 67 | 67 | 63 | 59 |
| 3 | 75 | 57 | 63 | 71 | 66 | 67 | 66 | 62 | 58 |
| 4 | 76 | 59 | 65 | 72 | 69 | 69 | 66 | 62 | 55 |
| 5 | 78 | 61 | 68 | 75 | 71 | 70 | 67 | 63 | 56 |

charakterystyki pracy



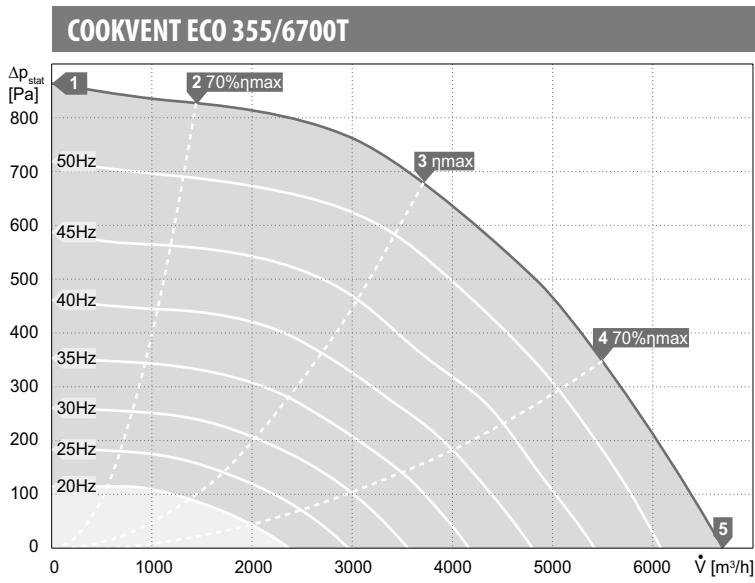
wartości mocy akustycznej L_{WA} [dB(A)]
dla poszczególnych częstotliwości pasm oktaowych [Hz]

| Pkt. Pracy | tot | Częstotliwości pasm oktaowych [Hz] | | | | | | | |
|-----------------------------|-----|------------------------------------|-----|-----|-----|------|------|------|------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 79 | 61 | 66 | 70 | 74 | 71 | 72 | 69 | 61 |
| 3 | 78 | 50 | 56 | 70 | 73 | 70 | 72 | 70 | 63 |
| 4 | 81 | 48 | 57 | 72 | 76 | 73 | 75 | 72 | 65 |
| 5 | 84 | 54 | 62 | 76 | 80 | 76 | 77 | 75 | 68 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 82 | 61 | 67 | 75 | 73 | 76 | 76 | 72 | 66 |
| 3 | 82 | 52 | 58 | 75 | 71 | 75 | 76 | 74 | 69 |
| 4 | 84 | 50 | 58 | 79 | 74 | 78 | 78 | 75 | 69 |
| 5 | 87 | 55 | 63 | 83 | 78 | 81 | 80 | 77 | 71 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 72 | 55 | 64 | 67 | 63 | 61 | 62 | 57 | 52 |
| 3 | 73 | 45 | 56 | 71 | 63 | 61 | 64 | 56 | 50 |
| 4 | 76 | 49 | 61 | 75 | 63 | 64 | 64 | 57 | 50 |
| 5 | 78 | 52 | 65 | 77 | 65 | 66 | 65 | 59 | 52 |

| Pkt. Pracy | tot | Częstotliwości pasm oktaowych [Hz] | | | | | | | |
|-----------------------------|-----|------------------------------------|-----|-----|-----|------|------|------|------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 80 | 56 | 70 | 70 | 73 | 73 | 73 | 70 | 62 |
| 3 | 78 | 42 | 58 | 69 | 73 | 72 | 72 | 71 | 63 |
| 4 | 81 | 41 | 59 | 74 | 76 | 74 | 74 | 72 | 64 |
| 5 | 83 | 47 | 64 | 72 | 79 | 76 | 76 | 75 | 66 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 82 | 57 | 71 | 75 | 73 | 76 | 75 | 71 | 63 |
| 3 | 80 | 43 | 58 | 72 | 70 | 75 | 74 | 72 | 64 |
| 4 | 82 | 44 | 59 | 74 | 73 | 77 | 75 | 73 | 65 |
| 5 | 85 | 49 | 64 | 77 | 76 | 79 | 78 | 76 | 68 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 71 | 56 | 66 | 65 | 59 | 62 | 60 | 55 | 53 |
| 3 | 69 | 44 | 58 | 66 | 59 | 62 | 61 | 54 | 48 |
| 4 | 73 | 47 | 62 | 70 | 62 | 63 | 62 | 55 | 47 |
| 5 | 75 | 50 | 65 | 73 | 64 | 64 | 62 | 57 | 49 |

| Pkt. Pracy | tot | Częstotliwości pasm oktaowych [Hz] | | | | | | | |
|-----------------------------|-----|------------------------------------|-----|-----|-----|------|------|------|------|
| | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 74 | 47 | 63 | 65 | 68 | 69 | 66 | 61 | 56 |
| 3 | 73 | 38 | 61 | 65 | 66 | 67 | 65 | 60 | 55 |
| 4 | 76 | 38 | 67 | 68 | 69 | 69 | 68 | 65 | 56 |
| 5 | 78 | 44 | 68 | 71 | 72 | 71 | 71 | 68 | 58 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 75 | 50 | 64 | 68 | 65 | 70 | 67 | 62 | 65 |
| 3 | 74 | 38 | 61 | 66 | 65 | 70 | 67 | 63 | 60 |
| 4 | 77 | 44 | 63 | 69 | 69 | 72 | 70 | 67 | 61 |
| 5 | 79 | 45 | 64 | 72 | 71 | 74 | 72 | 70 | 63 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 68 | 52 | 62 | 60 | 55 | 60 | 54 | 50 | 64 |
| 3 | 68 | 41 | 61 | 60 | 56 | 61 | 55 | 49 | 62 |
| 4 | 70 | 47 | 65 | 63 | 58 | 62 | 56 | 50 | 61 |
| 5 | 71 | 51 | 67 | 66 | 60 | 62 | 58 | 52 | 55 |

charakterystyki pracy



wartości mocy akustycznej L_{WA} [dB(A)]
dla poszczególnych częstotliwości pasm oktaowych [Hz]

| Pkt. Pracy | Częstotliwości pasm oktaowych [Hz] | | | | | | | | |
|-----------------------------|------------------------------------|----|-----|-----|-----|------|------|------|------|
| | tot | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| L_{WA} wlot [dB(A)] | | | | | | | | | |
| 2 | 82 | 62 | 72 | 74 | 75 | 76 | 76 | 72 | 62 |
| 3 | 81 | 50 | 65 | 74 | 75 | 75 | 75 | 70 | 61 |
| 4 | 84 | 52 | 66 | 76 | 78 | 77 | 78 | 75 | 64 |
| 5 | 86 | 54 | 69 | 80 | 80 | 79 | 80 | 77 | 67 |
| L_{WA} wylot [dB(A)] | | | | | | | | | |
| 2 | 83 | 60 | 72 | 77 | 74 | 78 | 76 | 72 | 62 |
| 3 | 81 | 49 | 66 | 77 | 72 | 76 | 74 | 70 | 60 |
| 4 | 85 | 49 | 67 | 78 | 75 | 79 | 78 | 76 | 65 |
| 5 | 88 | 52 | 72 | 83 | 78 | 81 | 80 | 78 | 67 |
| L_{WA} od obudowy [dB(A)] | | | | | | | | | |
| 2 | 75 | 63 | 70 | 71 | 64 | 65 | 62 | 58 | 50 |
| 3 | 73 | 59 | 64 | 69 | 63 | 65 | 62 | 58 | 50 |
| 4 | 75 | 50 | 64 | 71 | 66 | 67 | 64 | 60 | 51 |
| 5 | 77 | 53 | 67 | 74 | 68 | 67 | 65 | 62 | 61 |