



Efficient Energy Energy Efficiency

TOSHIBA AIRCONDITIONING
Advancing the **eco**-evolution



ESTIA REKUPERATORY



| Wydajność grzewcza [kW] | Wydajność chłodnicza [kW] | Model | Cena netto EUR |
|-------------------------|---------------------------|-------|----------------|
|-------------------------|---------------------------|-------|----------------|

POMPA CIEPŁA – Powietrze-Woda – ESTIA

| | | | |
|------|------|------------------------------------|-------|
| 8,0 | 6,0 | HWS-803H-E HWS-803XWHT9-E | 5 200 |
| 11,2 | 10,0 | HWS-1103H-E HWS-1403XWHT9-E | 6 900 |
| 11,2 | 10,0 | HWS-1103H8(R)-E HWS-1403XWHT9-E | 7 490 |
| 14,0 | 11,0 | HWS-1403H8(R)-E HWS-1403XWHT9-E | 7 770 |
| 16,0 | 13,0 | HWS-1603H8(R)-E HWS-1403XWHT9-E | 8 390 |

Zasobniki

| | | | |
|---|---|-----------------|-------|
| - | - | HWS-1501CSHM3-E | 1 000 |
| - | - | HWS-2101CSHM3-E | 1 200 |
| - | - | HWS-3001CSHM3-E | 1 400 |

Sterownik pomieszczeniowy

| | | | |
|---|---|------------|-----|
| - | - | HWS-AMS11E | 120 |
|---|---|------------|-----|

| Przepływ powietrza [m³/h] | Sprawność odzysku [%] | Model | Cena netto EUR |
|---------------------------|-----------------------|-------|----------------|
|---------------------------|-----------------------|-------|----------------|

REKUPERATORY

| | | | |
|------|------|------------|-------|
| 150 | 81,5 | VN-M150HE | 1 490 |
| 250 | 78,0 | VN-M250HE | 1 520 |
| 350 | 74,5 | VN-M350HE | 1 650 |
| 500 | 76,5 | VN-M500HE | 2 100 |
| 650 | 75,0 | VN-M650HE | 2 500 |
| 800 | 76,5 | VN-M800HE | 2 900 |
| 1000 | 73,5 | VN-M1000HE | 3 300 |
| 1500 | 76,5 | VN-M1500HE | 5 500 |
| 2000 | 73,5 | VN-M2000HE | 6 000 |

Sterownik

| | | | |
|---|---|----------|-----|
| - | - | NRC-01HE | 120 |
|---|---|----------|-----|

| Wydajność chłodnicza [kW] | Wydajność grzewcza [kW] | Model | Cena netto EUR |
|---------------------------|-------------------------|-------|----------------|
|---------------------------|-------------------------|-------|----------------|

URZĄDZENIA INWERTEROWE ŚCIENNE 1:1 – POMPA CIEPŁA
ŚCIENNE – AVANT NOWOŚĆ

| | | | |
|-----|-----|-------------------------------|-------|
| 2,0 | 2,5 | RAS-077SKV-E5 / RAS-077SAV-E5 | 800 |
| 2,5 | 3,2 | RAS-107SKV-E5 / RAS-107SAV-E5 | 840 |
| 3,3 | 3,6 | RAS-137SKV-E5 / RAS-137SAV-E5 | 950 |
| 4,4 | 5,2 | RAS-167SKV-E5 / RAS-167SAV-E5 | 1 270 |

ŚCIENNE – SUZUMI PLUS 2 NOWOŚĆ

| | | | |
|-----|-----|--------------------------------|-------|
| 2,5 | 3,2 | RAS-B10N3KV2-E / RAS-10N3AV2-E | 1 000 |
| 3,5 | 4,2 | RAS-B13N3KV2-E / RAS-13N3AV2-E | 1 180 |
| 4,5 | 5,5 | RAS-B16N3KV2-E / RAS-16N3AV2-E | 1 400 |
| 5,0 | 5,8 | RAS-18N3KV2-E / RAS-18N3AV2-E | 1 660 |
| 6,0 | 7,0 | RAS-B22N3KV2-E / RAS-22N3AV2-E | 1 840 |

ŚCIENNE – DAISEIKAI 6.5 NOWOŚĆ

| | | | |
|-----|-----|--------------------------------|-------|
| 2,5 | 3,2 | RAS-B10N3KVP-E / RAS-10N3AVP-E | 1 670 |
| 3,5 | 4,2 | RAS-B13N3KVP-E / RAS-13N3AVP-E | 1 790 |
| 4,5 | 5,5 | RAS-B16N3KVP-E / RAS-16N3AVP-E | 2 160 |

KONSOLE BI-FLOW

| | | | |
|-----|-----|-----------------------------|-------|
| 2,5 | 3,2 | RAS-B10UFV-E / RAS-10SAV2-E | 1 370 |
| 3,5 | 4,2 | RAS-B13UFV-E / RAS-13SAV2-E | 1 590 |
| 5,0 | 5,8 | RAS-B18UFV-E / RAS-18SAV2-E | 2 070 |

URZĄDZENIA INWERTEROWE TYPU MULTI-SPLIT – POMPA CIEPŁA
JEDNOSTKI ZEWNĘTRZNE

| | | | |
|------|------|----------------|-------|
| 4,0 | 4,4 | RAS-M14GAV-E | 1 120 |
| 5,2 | 5,6 | RAS-M18UAV-E | 1 220 |
| 5,2 | 6,8 | RAS-3M18SAV-E | 1 650 |
| 7,5 | 9,0 | RAS-3M26UAV-E | 1 970 |
| 6,8 | 7,2 | RAS-4M23SAV-E | 2 080 |
| 8,0 | 9,0 | RAS-4M27UAV-E | 2 390 |
| 10,0 | 12,0 | RAS-5M34UAV-E1 | 2 740 |

JEDNOSTKI WEWNĘTRZNE
ŚCIENNE NOWOŚĆ

| | | | |
|-----|-----|----------------|-----|
| 2,0 | 2,5 | RAS-M07N3KV2-E | 390 |
| 2,5 | 3,2 | RAS-B10N3KV2-E | 410 |
| 3,5 | 4,2 | RAS-B13N3KV2-E | 430 |
| 4,5 | 5,3 | RAS-B16N3KV2-E | 450 |
| 6,0 | 7,0 | RAS-M22SKV-E | 500 |
| 7,1 | 8,1 | RAS-M24SKV-E | 510 |

KONSOLE BI-FLOW

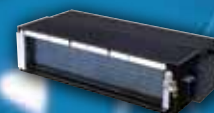
| | | | |
|-----|-----|--------------|-----|
| 2,5 | 3,2 | RAS-B10UFV-E | 700 |
| 3,5 | 4,2 | RAS-B13UFV-E | 760 |
| 5,0 | 5,8 | RAS-B18UFV-E | 950 |

KANAŁOWE cena zawiera sterownik bezprzewodowy

| | | | |
|-----|-----|--------------|-----|
| 2,7 | 4,0 | RAS-M10GDV-E | 560 |
| 3,7 | 5,0 | RAS-M13GDV-E | 620 |
| 4,5 | 5,5 | RAS-M16GDV-E | 760 |

KASETY cena zawiera panel dekoracyjny i sterownik bezprzewodowy

| | | | |
|-----|-----|---------------|-------|
| 2,5 | 3,2 | RAS-M10SMUV-E | 1 100 |
| 3,5 | 4,2 | RAS-M13SMUV-E | 1 165 |
| 4,5 | 5,5 | RAS-M16SMUV-E | 1 220 |



INWERTEROWE SYSTEMY KOMERCYJNE



| Wydajność chłodnicza [kW] | Wydajność grzewcza [kW] | Model | Cena netto EUR |
|---------------------------|-------------------------|-------|----------------|
|---------------------------|-------------------------|-------|----------------|

JEDNOSTKI ŚCIENNE – POMPA CIEPŁA

(cena zawiera sterownik na podczterwień)

DIGITAL INVERTER

| | | | |
|-----|-----|--------------------------------|-------|
| 5,0 | 5,6 | RAV-SM566KRT-E / RAV-SM563AT-E | 1 730 |
| 6,7 | 8,0 | RAV-SM806KRT-E / RAV-SM803AT-E | 2 060 |

SUPER DIGITAL INVERTER 4

| | | | |
|-----|-----|-----------------------------------|-------|
| 5,0 | 5,6 | RAV-SM566KRT-E / RAV-SP564AT(P)-E | 2 010 |
| 7,1 | 8,0 | RAV-SM806KRT-E / RAV-SP804AT(P)-E | 2 450 |

JEDNOSTKI KASETONOWE 600x600 – POMPA CIEPŁA

(cena zawiera panel i sterownik naścienny)

DIGITAL INVERTER

| | | | |
|-----|-----|--------------------------------|-------|
| 5,0 | 5,6 | RAV-SM564MUT-E / RAV-SM563AT-E | 2 290 |
|-----|-----|--------------------------------|-------|

SUPER DIGITAL INVERTER 4

| | | | |
|-----|-----|-----------------------------------|-------|
| 3,6 | 4,0 | RAV-SM404MUT-E / RAV-SP404ATP-E | 2 330 |
| 4,0 | 4,5 | RAV-SM454MUT-E / RAV-SP454ATP-E | 2 370 |
| 5,0 | 5,6 | RAV-SM564MUT-E / RAV-SP564AT(P)-E | 2 570 |

JEDNOSTKI KASETONOWE 840x840 – POMPA CIEPŁA

(cena zawiera panel i sterownik naścienny)

DIGITAL INVERTER

| | | | |
|------|------|-------------------------------------|-------|
| 5,3 | 5,6 | RAV-SM564UT(P)-E / RAV-SM563AT-E | 2 290 |
| 6,7 | 8,0 | RAV-SM804UT(P)-E / RAV-SM803AT-E | 2 680 |
| 10,0 | 11,2 | RAV-SM1104UT(P)-E / RAV-SM1103AT-E1 | 3 450 |
| 12,0 | 14,0 | RAV-SM1404UT(P)-E / RAV-SM1403AT-E1 | 3 800 |
| 14,0 | 16,0 | RAV-SM1604UT(P)-E / RAV-SM1603AT-E | 4 180 |

SUPER DIGITAL INVERTER 4

| | | | |
|------|------|-------------------------------------|-------|
| 5,3 | 5,6 | RAV-SM564UT(P)-E / RAV-SP564AT(P)-E | 2 570 |
| 7,1 | 8,0 | RAV-SM804UT(P)-E / RAV-SP804AT(P)-E | 3 070 |
| 10,0 | 11,2 | RAV-SM1104UT(P)-E / RAV-SP1104AT-E | 3 810 |
| 12,5 | 14,0 | RAV-SM1404UT(P)-E / RAV-SP1404AT-E | 4 270 |

SUPER DIGITAL INVERTER 4 – 3 FAZY

| | | | |
|------|------|-------------------------------------|-------|
| 10,0 | 11,2 | RAV-SM1104UT(P)-E / RAV-SP1104AT8-E | 4 220 |
| 12,5 | 14,0 | RAV-SM1404UT(P)-E / RAV-SP1404AT8-E | 4 670 |
| 14,0 | 16,0 | RAV-SM1604UT(P)-E / RAV-SP1604AT8-E | 5 150 |

JEDNOSTKI PODSUFITOWE – POMPA CIEPŁA

(cena zawiera sterownik naścienny)

DIGITAL INVERTER

| | | | |
|------|------|----------------------------------|-------|
| 5,0 | 5,6 | RAV-SM564CT-E / RAV-SM563AT-E | 2 110 |
| 7,0 | 8,0 | RAV-SM804CT-E / RAV-SM803AT-E | 2 540 |
| 10,0 | 11,2 | RAV-SM1104CT-E / RAV-SM1103AT-E1 | 3 180 |
| 12,3 | 14,0 | RAV-SM1404CT-E / RAV-SM1403AT-E1 | 3 580 |

SUPER DIGITAL INVERTER 4

| | | | |
|------|------|----------------------------------|-------|
| 5,0 | 5,6 | RAV-SM564CT-E / RAV-SP564AT(P)-E | 2 390 |
| 7,1 | 8,0 | RAV-SM804CT-E / RAV-SP804AT(P)-E | 2 930 |
| 10,0 | 11,2 | RAV-SM1104CT-E / RAV-SP1104AT-E | 3 540 |
| 12,5 | 14,0 | RAV-SM1404CT-E / RAV-SP1404AT-E | 4 050 |

SUPER DIGITAL INVERTER 4 – 3 FAZY

| | | | |
|------|------|----------------------------------|-------|
| 10,0 | 11,2 | RAV-SM1104CT-E / RAV-SP1104AT8-E | 3 950 |
| 12,5 | 14,0 | RAV-SM1404CT-E / RAV-SP1404AT8-E | 4 450 |

| Wydajność chłodnicza [kW] | Wydajność grzewcza [kW] | Model | Cena netto EUR |
|---------------------------------|-------------------------------|-------|----------------------|
|---------------------------------|-------------------------------|-------|----------------------|

JEDNOSTKI KANAŁOWE – POMPA CIEPŁA

(cena zawiera sterownik naścienny)

DIGITAL INVERTER

| | | | |
|------|------|----------------------------------|-------|
| 5,0 | 5,6 | RAV-SM566BT-E / RAV-SM563AT-E | 2 170 |
| 6,7 | 8,0 | RAV-SM806BT-E / RAV-SM803AT-E | 2 530 |
| 10,0 | 11,2 | RAV-SM1106BT-E / RAV-SM1103AT-E1 | 3 440 |
| 12,1 | 13,4 | RAV-SM1406BT-E / RAV-SM1403AT-E1 | 3 740 |
| 14,0 | 16,0 | RAV-SM1606BT-E / RAV-SM1603AT-E | 4 150 |

SUPER DIGITAL INVERTER 4

| | | | |
|------|------|----------------------------------|-------|
| 3,6 | 4,0 | RAV-SM406BT-E / RAV-SP404ATP-E | 2 200 |
| 4,0 | 4,5 | RAV-SM456BT-E / RAV-SP454ATP-E | 2 230 |
| 5,0 | 5,6 | RAV-SM566BT-E / RAV-SP564AT(P)-E | 2 450 |
| 7,1 | 8,0 | RAV-SM806BT-E / RAV-SP804AT(P)-E | 2 920 |
| 10,0 | 11,2 | RAV-SM1106BT-E / RAV-SP1104AT-E | 3 800 |
| 12,5 | 14,0 | RAV-SM1406BT-E / RAV-SP1404AT-E | 4 210 |

SUPER DIGITAL INVERTER 4 – 3 FAZY

| | | | |
|------|------|----------------------------------|-------|
| 10,0 | 11,2 | RAV-SM1106BT-E / RAV-SP1104AT8-E | 4 210 |
| 12,5 | 14,0 | RAV-SM1406BT-E / RAV-SP1404AT8-E | 4 610 |
| 14,0 | 16,0 | RAV-SM1606BT-E / RAV-SP1604AT8-E | 5 120 |

JEDNOSTKI KANAŁOWE PŁASKIE – POMPA CIEPŁA

(cena zawiera sterownik naścienny)

DIGITAL INVERTER

| | | | |
|-----|-----|--------------------------------|-------|
| 5,0 | 5,6 | RAV-SM564SDT-E / RAV-SM563AT-E | 2 170 |
|-----|-----|--------------------------------|-------|

SUPER DIGITAL INVERTER 4

| | | | |
|-----|-----|-----------------------------------|-------|
| 3,6 | 4,0 | RAV-SM404SDT-E / RAV-SP404ATP-E | 2 200 |
| 4,0 | 4,5 | RAV-SM454SDT-E / RAV-SP454ATP-E | 2 230 |
| 5,0 | 5,6 | RAV-SM564SDT-E / RAV-SP564AT(P)-E | 2 450 |

JEDNOSTKI KANAŁOWE O PODWYŻSZONYM SPRĘŻU – POMPA CIEPŁA

(cena zawiera sterownik naścienny)

BIG DIGITAL INVERTER

| | | | |
|------|------|----------------------------------|-------|
| 20,0 | 22,4 | RAV-SM2242DT-E / RAV-SM2244AT8-E | 8 460 |
| 23,0 | 27,0 | RAV-SM2802DT-E / RAV-SM2804AT8-E | 9 210 |

AGREGATY DO WYMIENNIKÓW W CENTRALACH WENTYLACYJNYCH
DIGITAL INVERTER

| | | | |
|------|------|-----------------|-------|
| 5,3 | 5,6 | RAV-SM563AT-E | 1 150 |
| 7,1 | 8,0 | RAV-SM803AT-E | 1 460 |
| 10,0 | 11,2 | RAV-SM1103AT-E1 | 2 000 |
| 12,5 | 14,0 | RAV-SM1403AT-E1 | 2 170 |
| 14,0 | 16,0 | RAV-SM1603AT-E | 2 470 |

SUPER DIGITAL INVERTER – 1 FAZA

| | | | |
|------|------|------------------|-------|
| 5,3 | 5,6 | RAV-SP564AT(P)-E | 1 430 |
| 7,1 | 8,0 | RAV-SP804AT(P)-E | 1 850 |
| 10,0 | 11,2 | RAV-SP1104AT-E | 2 360 |
| 12,5 | 14,0 | RAV-SP1404AT-E | 2 640 |

BIG DIGITAL INVERTER

| | | | |
|------|------|-----------------|-------|
| 20,0 | 22,4 | RAV-SM2244AT8-E | 4 460 |
| 23,0 | 27,0 | RAV-SM2804AT8-E | 4 970 |

MODUŁ INTEGRUJĄCY

| | | | |
|---|---|-------------------------|-----|
| - | - | RAV-DXC010 / RBC-AMS41E | 980 |
|---|---|-------------------------|-----|



| Typ | Nazwa | Cena netto EUR |
|-----|-------|----------------|
|-----|-------|----------------|

STEROWNIKI

Sterowniki przewodowe

| | | |
|--------------|--|-----|
| RBC-AMT32E | Sterownik przewodowy do urządzeń DI / SDI | 80 |
| RBC-AMS41E | Sterownik przewodowy z programatorem tygodniowym do urządzeń DI / SDI | 80 |
| RBC-AMS51E | Sterownik przewodowy z programatorem tygodniowym do urządzeń DI / SDI. Sterownik z menu w języku polskim | 130 |
| RBC-AS41E | Uproszczony sterownik przewodowy do urządzeń DI / SDI NOWOŚĆ! | 75 |
| NRC-01HE | Sterownik dedykowany do rekuperatorów | 120 |
| HWS-AMS11E | Sterownik dedykowany do ESTII | 120 |
| TCB-EXS21TLE | Sterownik tygodniowy do urządzeń DI / SDI | 440 |
| RBC-SH-A1LE | Sterownik ścienny do jednostek kanałowych multi RAS-M_GDV-E | 400 |

Sterowniki bezprzewodowe

| | | |
|----------------|--|-----|
| RBC-AX32U(W)-E | Zestaw podczerwieni do jednostek kasetonowych 4-drogowych DI / SDI | 200 |
| RBC-AX32CE2 | Zestaw podczerwieni do jednostek podsufitowych CT | 200 |
| TCB-AX32E2 | Zestaw podczerwieni do urządzeń DI / SDI | 300 |

Sterowniki centralne

| | | |
|---------------|---------------------|-----|
| TCB-SC642TLE2 | Sterownik centralny | 770 |
|---------------|---------------------|-----|

AKCESORIA

Panele do kaset

| | | |
|-----------------|---|-----|
| RBC-U31PG(W)-E2 | Panel do kaset 4-drogowych 840x840 – RAV-SM_UT(P)-E | 220 |
| RBC-UM11PG(W)E | Panel do kaset 4-drogowych 600x600 – RAV-SM_MUT-E | 230 |
| RB-B11PG(W)E | Panel do kaset multi – RAS-M_SMUV-E | 260 |

Kanały

| | | |
|---------------|---|-----|
| TCB-SF56C6BE | Przyłącze do kanałów Ø200 (x2) dla modeli 406÷566 | 120 |
| TCB-SF80C6BE | Przyłącze do kanałów Ø200 (x3) dla modelu 806 | 140 |
| TCB-SF160C6BE | Przyłącze do kanałów Ø200 (x4) dla modeli 1106÷1606 | 180 |

Rozdzielacze

| | | |
|--------------|---|-----|
| RBC-TWP30E2 | Twin Kit (RAV-1100) | 80 |
| RBC-TWP50E2 | Twin Kit (RAV-1400 i RAV-1600) | 90 |
| RBC-TWP101E | Twin Kit (BigDI) | 200 |
| RBC-TRP100E | Zestaw do połączeń potrójnych (RAV-1600 oraz BigDI) | 270 |
| RBC-DTWP101E | Zestaw do połączeń poczwórnych (BigDI) | 270 |

Sterowanie

| | | |
|----------------|---|-----|
| TCB-PCNT30TLE2 | Moduł komunikacyjny jednostek wewnętrznych serii RAV do TCC-Link (z wyjątkiem modelu KRT) | 100 |
| RBC-FDP3-PE | Moduł sterujący dla klimatyzatorów serii RAV | 450 |

Pozostałe

| | | |
|---------------|--|-----|
| TCB-TC21LE2 | Czujka temperatury do urządzeń DI / SDI | 80 |
| TCB-KBOS1E | Tryb pracy nocnej dla jednostek zewnętrznych SDI | 35 |
| TCB-IFCB5-PE | Styk okienny dla urządzeń serii RAV oraz RAS (z wyjątkiem GDV) | 45 |
| TCB-DP22CE2 | Zestaw pompki skroplin do jednostek podsufitowych | 200 |
| RAV-DXC010 | Moduł umożliwiający współpracę jednostek zewnętrznych RAV z wymiennikami DX w centralach wentylacyjnych. Cena uwzględnia sterownik przewodowy RBC-AMS41E | 980 |
| TCB-KBCN32VEE | Wtyczka do CN32 – sterowanie dodatkowym wentylatorem | 5 |
| TCB-KBCN61HAE | Wtyczka do CN61 – zdalne wł./wył., sygnał pracy, styk okienny/alarmowy, sygnał alarmu | 10 |
| TCB-KBCN60OPE | Wtyczka do CN60 – sygnał trybu pracy | 10 |
| TCB-KBCN80EXE | Wtyczka do CN80 – wejście alarmu zewnętrznego | 5 |