

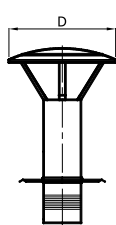
1. DASZEK WYWIETRZNIKOWY Z PODSTAWĄ



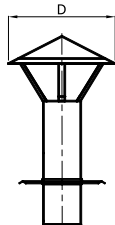
WDA_x-CH-b



WDAC_x-OC-b



dla $\phi \le 200$



dla $\phi > 200$

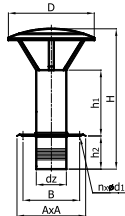
| | | | |
|--------------|----|----|----------------------------------|
| Zastosowanie | W | W | W - przewody wentylacyjne |
| | S | - | S - przewody spalinowe |
| Material | CH | - | CH - blacha chromoniklowa 1.4301 |
| | - | OC | OC - blacha ocynkowana |

| | | | | | | | | | | |
|----------------------|------|------|------|------|------|------|------|------|------|------|
| Średnica nasady [mm] | ø100 | ø110 | ø120 | ø130 | ø140 | ø150 | ø160 | ø180 | ø200 | ø250 |
| Średnica daszka D | 220 | 220 | 250 | 250 | 290 | 290 | 290 | 290 | 350 | 400 |

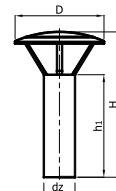
* Daszek otwierany dla średnic od ø100 mm do ø200 mm - wyłącznie dla wersji WDA...-CH

Daszek wywietrznikowy - wersje podstaw

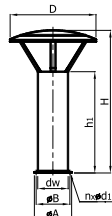
1. Podstawa standard -PK



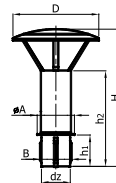
2. Podstawa rurowa -B



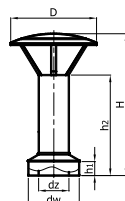
3. Podstawa z kołnierzem -BIII



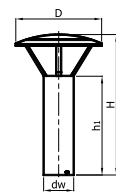
4. Podstawa wciskana -PT



5. Podstawa z kołnierzem zamykającym ocieplenie -B-K



6. Podstawa rozbieralna -R



Zestawienie wymiarów dla określonych średnic

| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-------|-----|--------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H (OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 100.8 | 442 | 425 | 250 | 81 | 220 | 170 | 6.2 | 4 | 0.80 | 0.90 |
| -B | - | 100.8 | 442 | 425 | 333 | - | - | - | - | - | 0.70 | 0.75 |
| -BIII | 99.8 | - | 362 | 345 | 253 | - | 162 | 132 | 9.5 | 4 | 0.90 | 0.90 |
| -PT | - | 94 | 514 | 497 | 157 | 407 | 150 | 108 | - | - | 0.80 | 0.85 |
| -B-K | 202.1 | 100.8 | 358 | 341 | 70 | 250 | - | - | - | - | 1.10 | 1.10 |
| -R | 99.8 | 100.8 | 442 | 425 | 333 | - | - | - | - | - | 0.70 | 0.75 |

| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-------|-----|--------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H (OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 112 | 444 | 427 | 250 | 81 | 220 | 170 | 6.2 | 4 | 0.90 | 1.00 |
| -B | - | 112 | 444 | 427 | 333 | - | - | - | - | - | 0.70 | 0.85 |
| -BIII | 111 | - | 364 | 347 | 253 | - | 172 | 142 | 9.5 | 4 | 0.90 | 1.05 |
| -PT | - | 104 | 516 | 499 | 157 | 407 | 160 | 118 | - | - | 0.90 | 0.95 |
| -B-K | 202.1 | 111.9 | 365 | 348 | 70 | 250 | - | - | - | - | 1.20 | 1.20 |
| -R | 111 | 112 | 444 | 427 | 333 | - | - | - | - | - | 0.70 | 0.85 |

| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-------|-----|--------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H (OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 123.1 | 456 | 433 | 250 | 81 | 220 | 170 | 6.2 | 4 | 1.00 | 1.10 |
| -B | - | 123.1 | 456 | 433 | 333 | - | - | - | - | - | 0.80 | 0.95 |
| -BIII | 122.1 | - | 376 | 353 | 253 | - | 182 | 152 | 9.5 | 4 | 1.00 | 1.20 |
| -PT | - | 114 | 529 | 506 | 157 | 407 | 170 | 128 | - | - | 1.00 | 1.10 |
| -B-K | 202.1 | 123.1 | 372 | 349 | 70 | 250 | - | - | - | - | 1.30 | 1.30 |
| -R | 122.1 | 123.1 | 456 | 433 | 333 | - | - | - | - | - | 0.80 | 0.95 |

| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-------|-----|--------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H (OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 132.6 | 458 | 435 | 250 | 81 | 250 | 200 | 6.2 | 4 | 1.10 | 1.20 |
| -B | - | 132.6 | 458 | 435 | 333 | - | - | - | - | - | 0.90 | 1.00 |
| -BIII | 131.6 | - | 378 | 355 | 253 | - | 192 | 162 | 9.5 | 4 | 1.10 | 1.30 |
| -PT | - | 124 | 529 | 506 | 157 | 407 | 180 | 138 | - | - | 1.00 | 1.15 |
| -B-K | 227.6 | 132.5 | 379 | 356 | 70 | 250 | - | - | - | - | 1.40 | 1.40 |
| -R | 131.6 | 132.6 | 458 | 435 | 333 | - | - | - | - | - | 0.90 | 1.00 |

| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-------|-----|--------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H (OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 140.6 | 455 | 433 | 250 | 81 | 250 | 200 | 6.2 | 4 | 1.30 | 1.30 |
| -B | - | 140.6 | 455 | 433 | 333 | - | - | - | - | - | 1.10 | 1.10 |
| -BIII | 139.6 | - | 375 | 353 | 253 | - | 202 | 172 | 9.5 | 6 | 1.40 | 1.40 |
| -PT | - | 134 | 529 | 507 | 157 | 407 | 190 | 148 | - | - | 1.40 | 1.25 |
| -B-K | 227.6 | 140.6 | 386 | 364 | 70 | 250 | - | - | - | - | 1.50 | 1.50 |
| -R | 139.6 | 140.6 | 455 | 433 | 333 | - | - | - | - | - | 1.10 | 1.10 |

| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-------|-----|--------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H (OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 151.8 | 480 | 458 | 250 | 81 | 250 | 200 | 6.2 | 4 | 1.40 | 1.40 |
| -B | - | 151.8 | 480 | 458 | 333 | - | - | - | - | - | 1.20 | 1.20 |
| -BIII | 150.8 | - | 400 | 378 | 253 | - | 212 | 182 | 9.5 | 6 | 1.50 | 1.50 |
| -PT | - | 144 | 552 | 530 | 157 | 407 | 200 | 158 | - | - | 1.40 | 1.60 |
| -B-K | 253.3 | 151.7 | 393 | 371 | 70 | 330 | - | - | - | - | 1.75 | 1.75 |
| -R | 150.8 | 151.8 | 480 | 458 | 333 | - | - | - | - | - | 1.20 | 1.20 |

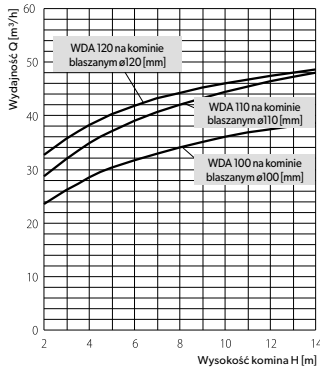
| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-------|-----|--------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H (OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 161.3 | 482 | 460 | 250 | 81 | 250 | 200 | 6.2 | 4 | 1.40 | 1.40 |
| -B | - | 161.3 | 482 | 460 | 330 | - | - | - | - | - | 1.20 | 1.20 |
| -BIII | 160.3 | - | 400 | 378 | 253 | - | 222 | 192 | 9.5 | 6 | 1.50 | 1.50 |
| -PT | - | 154 | 552 | 530 | 157 | 407 | 210 | 168 | - | - | 1.50 | 1.50 |
| -R | 160.3 | 161.3 | 482 | 460 | 333 | - | - | - | - | - | 1.20 | 1.20 |

| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-----|-----|--------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H (OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 182 | 485 | 463 | 250 | 81 | 300 | 250 | 6.2 | 4 | 1.60 | 1.60 |
| -B | - | 182 | 485 | 463 | 330 | - | - | - | - | - | 1.30 | 1.30 |
| -BIII | 181 | - | 400 | 378 | 253 | - | 242 | 212 | 9.5 | 6 | 1.60 | 1.60 |
| -PT | - | 154 | 552 | 530 | 157 | 407 | 230 | 198 | - | - | 1.60 | 1.60 |
| -R | 181 | 182 | 485 | 463 | 333 | - | - | - | - | - | 1.30 | 1.30 |

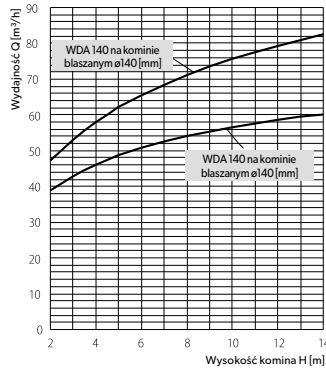
| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-------|-----|--------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H (OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 201.1 | 497 | 486 | 250 | 81 | 330 | 280 | 6.2 | 4 | 1.70 | 2.30 |
| -B | - | 201.1 | 497 | 486 | 333 | - | - | - | - | - | 1.40 | 1.50 |
| -BIII | 200.1 | - | 417 | 406 | 253 | - | 262 | 232 | 9.5 | 6 | 1.70 | 2.00 |
| -PT | - | 194 | 570 | 559 | 157 | 407 | 250 | 208 | - | - | 1.70 | 2.15 |
| -B-K | 302.6 | 201.0 | 428 | 417 | 70 | 250 | - | - | - | - | 2.20 | 2.20 |
| -R | 200.1 | 201.1 | 497 | 486 | 333 | - | - | - | - | - | 1.40 | 1.50 |

| Wersja podstawy | Wymiary [mm] | | | | | | | | | | Waga [kg] | |
|-----------------|--------------|-------|-----|-------|-----|-----|-----|-----|-----|---------|-----------|------|
| | dw | dz | H | H(OC) | h1 | h2 | A | B | d1 | Ilość n | OC | CH |
| -PK | - | 252.0 | 688 | 677 | 250 | 83 | 370 | 290 | 6 | 4 | 4.15 | 3.65 |
| -B | - | 252.3 | 603 | 592 | 333 | - | - | - | - | - | 2.75 | 2.45 |
| -BIII | 250.7 | - | 603 | 592 | 333 | - | 313 | 283 | 9.5 | 6 | 3.60 | 3.30 |
| -PT | - | 244.0 | 674 | 663 | 157 | 407 | 287 | 259 | - | - | 3.55 | 3.25 |
| -B-K | 352.4 | 252.3 | 532 | 521 | 70 | 250 | - | - | - | - | 3.65 | 3.35 |
| -R | 250.7 | - | 609 | 598 | 333 | - | - | - | - | - | 2.75 | 2.45 |

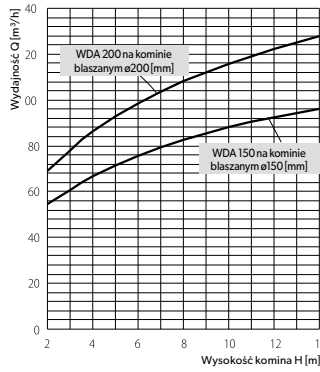
Charakterystyki przepływu



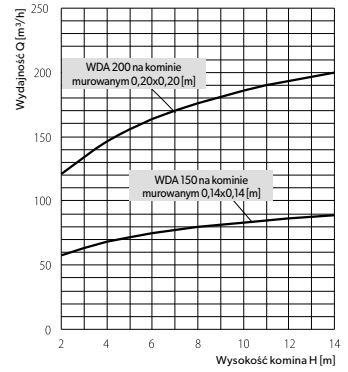
Wykres wydajności daszka wywiewnikowego Ø100, 110, 120 dla komin blaszanych przy zerowej prędkości wiatru.



Wykres wydajności daszka wywiewnikowego Ø100, 130, 140 dla komin blaszanych przy zerowej prędkości wiatru.

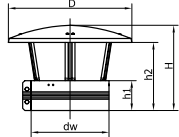


Wykres wydajności daszka wywiewnikowego Ø150, 200 dla komin blaszanych przy zerowej prędkości wiatru.



Wykres wydajności daszka wywiewnikowego Ø150, 200 dla komin murowanych przy zerowej prędkości wiatru.

2. DASZEK WYWIEWNIKOWY

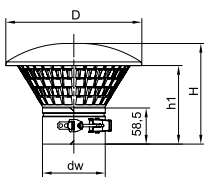
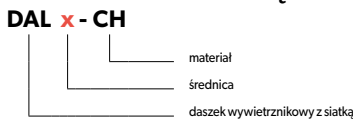


| Średnica | Wymiary [mm] | | | | | Waga [kg] | |
|----------|--------------|-----|-----|----|-----|-----------|------|
| | D | H | dw | h1 | h2 | OC | CH |
| Ø100 | 220 | 178 | 100 | 70 | 140 | 0.30 | 0.30 |
| Ø110 | 220 | 185 | 110 | 70 | 147 | 0.35 | 0.35 |
| Ø120 | 250 | 202 | 120 | 80 | 164 | 0.37 | 0.37 |
| Ø130 | 250 | 209 | 130 | 80 | 171 | 0.40 | 0.40 |
| Ø140 | 290 | 218 | 140 | 80 | 178 | 0.45 | 0.45 |
| Ø150 | 290 | 225 | 150 | 80 | 185 | 0.50 | 0.50 |
| Ø160 | 290 | 225 | 160 | 80 | 185 | 0.55 | 0.55 |
| Ø180 | 290 | 198 | 180 | 70 | 158 | 0.70 | 0.70 |
| Ø200 | 350 | 260 | 200 | 80 | 220 | 0.94 | 0.94 |
| Ø250 | 400 | 340 | 250 | 80 | 270 | 1.25 | 1.70 |



| | | |
|--------------|----|----------------------------------|
| Zastosowanie | W | W - przewody wentylacyjne |
| | S | S - przewody spalinyowe |
| Materiał | CH | CH - blacha chromoniklowa 1.4301 |
| | OC | OC - blacha ocynkowana |

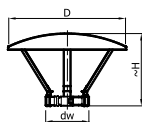
3. DASZEK WYWIEWNIKOWY Z SIATKĄ



| Średnica | Wymiary [mm] | | | | Waga [kg] |
|----------|--------------|-------|-----|-------|-----------|
| | D | H | dw | h1 | CH |
| Ø100 | 220 | 163.5 | 100 | 127.5 | 0.39 |
| Ø110 | 220 | 167.0 | 110 | 131.0 | 0.40 |
| Ø120 | 250 | 162.5 | 120 | 123.5 | 0.42 |
| Ø130 | 250 | 166.0 | 130 | 127.5 | 0.49 |
| Ø140 | 250 | 169.5 | 140 | 130.5 | 0.50 |
| Ø150 | 250 | 180.0 | 150 | 139.0 | 0.68 |
| Ø160 | 290 | 183.5 | 160 | 143.0 | 0.70 |
| Ø180 | 290 | 189.5 | 180 | 149.0 | 0.72 |
| Ø200 | 350 | 183.5 | 200 | 141.0 | 0.90 |
| Ø250 | 350 | 195.0 | 250 | 152.5 | 0.96 |

| | | |
|--------------|----|----------------------------------|
| Zastosowanie | W | W - przewody wentylacyjne |
| | S | S - przewody spalinyowe |
| Materiał | CH | CH - blacha chromoniklowa 1.4301 |

4. DASZEK Z PUDEŁKA

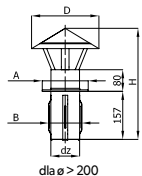
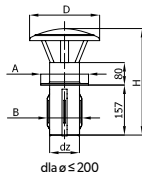
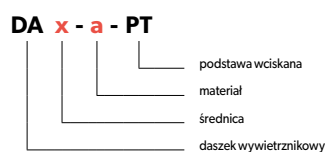


| Zakres średnic | Wymiary [mm] | | | Waga [kg] |
|----------------|--------------|-----|---------|-----------|
| | D | H | dz | |
| ø60+ø80 | 160 | 150 | 60-80 | 0.20 |
| ø100+ø130 | 220 | 180 | 100-130 | 0.30 |
| ø140+ø180 | 290 | 210 | 140-180 | 0.45 |
| ø200+ø250 | 350 | 240 | 200-250 | 0.60 |



| | | |
|--------------|----|----------------------------------|
| Zastosowanie | W | W - przewody wentylacyjne |
| | S | S - przewody spalinowe |
| Material | CH | CH - blacha chromoniklowa 1.4301 |

5. DASZEK Z PODSTAWĄ WCISKANĄ



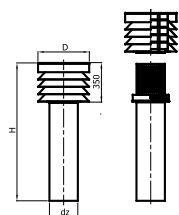
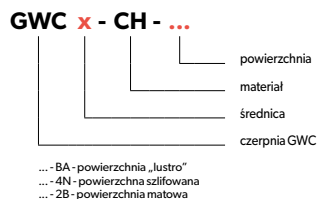
| Średnica | Wymiary [mm] | | | | | Waga [kg] | |
|----------|--------------|-----|-----|-----|-----|-----------|------|
| | A | B | D | H | dz | OC | CH |
| ø100 | 150 | 108 | 220 | 335 | 94 | 0.60 | 0.60 |
| ø110 | 160 | 118 | 220 | 345 | 104 | 0.70 | 0.70 |
| ø120 | 170 | 128 | 250 | 360 | 114 | 0.75 | 0.75 |
| ø130 | 180 | 138 | 250 | 370 | 124 | 0.80 | 0.80 |
| ø140 | 190 | 148 | 290 | 375 | 134 | 0.95 | 0.95 |
| ø150 | 200 | 158 | 290 | 385 | 144 | 1.00 | 1.00 |
| ø160 | 210 | 168 | 290 | 385 | 154 | 1.11 | 1.11 |
| ø180 | 230 | 198 | 290 | 385 | 174 | 1.50 | 1.50 |
| ø200 | 250 | 208 | 350 | 420 | 194 | 1.85 | 1.85 |
| ø250 | 287 | 259 | 400 | 500 | 244 | 3.40 | 3.40 |

Daszek otwierany dla średnic od 100 do 200 mm.



| | | | |
|--------------|----|----|----------------------------------|
| Zastosowanie | W | W | W - przewody wentylacyjne |
| | S | - | S - przewody spalinowe |
| Material | CH | - | CH - blacha chromoniklowa 1.4301 |
| | - | OC | OC - blacha ocynkowana |

6. CZERPNIĄ GWC (GRUNTOWEGO WYMIENNIKA CIEPŁA)



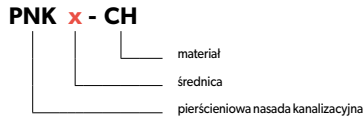
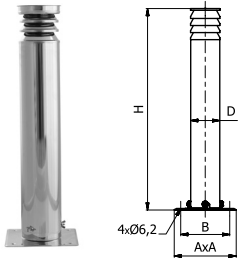
| Średnica | Wymiary [mm] | | | Najmniejszy przekrój czynny [cm ²] | Waga CH |
|----------|--------------|------|-----|--|---------|
| | D | H | dz | | |
| ø160 | 360 | 1200 | 160 | 201 | 6.00 |
| ø200 | 400 | 1200 | 200 | 314 | 7.50 |
| ø250 | 450 | 1200 | 250 | 491 | 9.50 |
| ø300 | 500 | 1200 | 300 | 707 | 12.0 |
| ø350 | 550 | 1200 | 350 | 962 | 18.0 |
| ø400 | 600 | 1200 | 400 | 1256 | 21.5 |

*inne wymiary na zamówienie klienta



| | | |
|--------------|---------------------------|----------------------------------|
| Zastosowanie | Gruntowy wymiennik ciepła | |
| Material | CH | CH - blacha chromoniklowa 1.4301 |

7. PIERŚCIENIOWA NASADA KANALIZACYJNA PNK



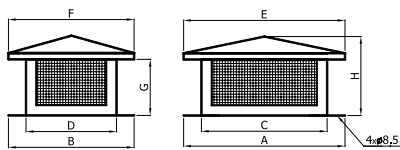
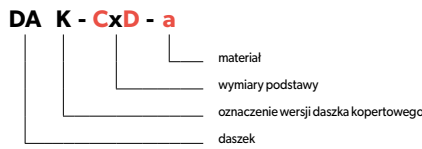
| Średnica D | Wymiary [mm] | | | | Najmniejszy przekrój czynny [cm ²] | Waga CH |
|------------|--------------|-----|-----|-----|--|---------|
| | A | B | D | H | | |
| 80 | 215 | 170 | 80 | 700 | 84 | 1.45 |
| 100 | 215 | 170 | 100 | 700 | 84 | 1.65 |
| 110 | 215 | 170 | 110 | 700 | 95 | 1.75 |
| 120 | 215 | 170 | 120 | 700 | 116 | 1.85 |
| 130 | 215 | 170 | 130 | 700 | 119 | 1.95 |
| 140 | 245 | 200 | 140 | 700 | 122 | 2.10 |
| 150 | 245 | 200 | 150 | 700 | 132 | 2.20 |
| 160 | 245 | 200 | 160 | 700 | 140 | 2.35 |
| 180 | 325 | 280 | 180 | 700 | 166 | 2.85 |
| 200 | 325 | 280 | 200 | 700 | 180 | 3.15 |

*inne wymiary na zamówienie klienta



| | |
|--------------|-------------------------------------|
| Zastosowanie | Zakończenie kanalizacji |
| Material | CH CH - blacha chromoniklowa 1.4301 |

8. DASZEK KOPERTOWY



| Wymiary przykładowe: DAK-CxD | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|
| A | B | C | D | E | F | G | H |
| 550 | 400 | 450 | 300 | 600 | 450 | 200 | 300 |

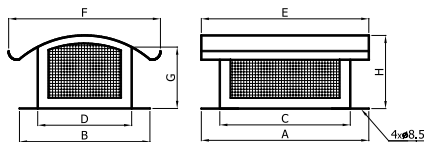
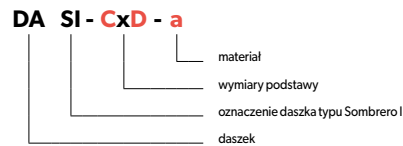
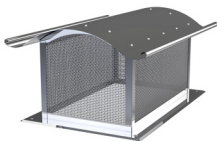
Daszek wykonywany jest na indywidualne zamówienie klienta.



| | |
|--------------|-------------------------------------|
| Zastosowanie | Oslona wylotu komin |
| Material | CH CH - blacha chromoniklowa 1.4301 |
| | OC OC - blacha ocynkowana |
| | MI MI - blacha miedziana |

*w wersji MI - siatka chromoniklowa

9. DASZEK TYPU SOMBRERO I



| Wymiary przykładowe: DAK-CxD | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|
| A | B | C | D | E | F | G | H |
| 550 | 400 | 450 | 300 | 600 | 450 | 200 | 300 |

Daszek wykonywany jest na indywidualne zamówienie klienta.



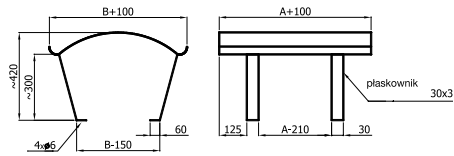
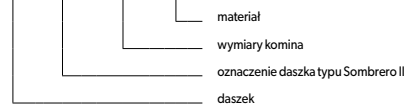
| | |
|--------------|-------------------------------------|
| Zastosowanie | Oslona wylotu komin |
| Material | CH CH - blacha chromoniklowa 1.4301 |
| | OC OC - blacha ocynkowana |
| | MI MI - blacha miedziana |

*w wersji MI - siatka chromoniklowa

10. DASZEK TYPU SOMBRERO II



DA SII - AxB - a



Daszek wykonywany jest na indywidualne zamówienie klienta.



| | |
|--------------|----------------------------------|
| Zastosowanie | Oslona wylotu kominy |
| Materiał | CH - blacha chromoniklowa 1.4301 |
| | OC - blacha ocynkowana |
| | MI - blacha miedziana |