

# מפרט טכני

# SWV

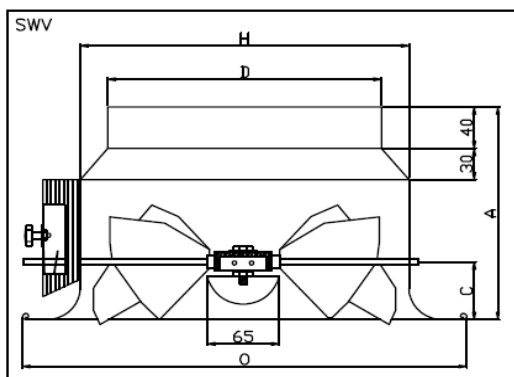


**METALPRESS**

MAKE THE DIFFERENCE



מפזר אוויר עגול לתקרות גבוהות וכמויות אוויר גדולות. את להבי המפזר ניתן לכוון ידנית או על ידי מנוע (אופציה) לכל מגוון המצבים על פי דרישות התכנון. גוף המפזר עשוי אלומיניום והלהבים עשויים מפח מגולוון.



## אופציות

◀ מנוע על הציר

## מידות

◀ מידות קוטר 250 מ"מ, 315 מ"מ, 400 מ"מ, 500 מ"מ, 630 מ"מ

## התקנה

◀ חיבור לצוואר המפזר

## טבלת נתונים

| דגם | H   | D   | A   | C   | O   |
|-----|-----|-----|-----|-----|-----|
| 250 | 298 | 245 | 205 | 55  | 400 |
| 315 | 398 | 313 | 230 | 65  | 500 |
| 400 | 465 | 398 | 265 | 65  | 615 |
| 500 | 570 | 498 | 345 | 90  | 770 |
| 630 | 665 | 628 | 390 | 125 | 935 |

## Performance Data - SWV 250

|                  |           |     |     |     |     |      |      |      |      |      |
|------------------|-----------|-----|-----|-----|-----|------|------|------|------|------|
| <b>Max throw</b> | <b>m.</b> | 3.6 | 5.4 | 7.2 | 9.0 | 10.8 | 12.6 | 14.4 | 16.2 | 17.9 |
|------------------|-----------|-----|-----|-----|-----|------|------|------|------|------|

| Technical data for diffuser with 45° blades - Heating   |       |     |     |     |     |      |      |      |      |      |
|---------------------------------------------------------|-------|-----|-----|-----|-----|------|------|------|------|------|
| Air delivery speed Vk                                   | m/s   | 2   | 3   | 4   | 5   | 6    | 7    | 8    | 9    | 10   |
| Air Flow                                                | M³/h  | 348 | 521 | 695 | 869 | 1043 | 1217 | 1390 | 1564 | 1738 |
| Pressure                                                | Pa    | 12  | 23  | 37  | 53  | 71   | 91   | 112  | 135  | 160  |
| Noise level                                             | Db(A) | 36  | 39  | 42  | 45  | 48   | 51   | 54   | 57   | 60   |
| Technical data for diffuser with 67.5° blades - Cooling |       |     |     |     |     |      |      |      |      |      |
| Air delivery speed Vk                                   | m/s   | 2   | 3   | 4   | 5   | 6    | 7    | 8    | 9    | 10   |
| Air Flow                                                | M³/h  | 348 | 521 | 695 | 869 | 1043 | 1217 | 1390 | 1564 | 1738 |
| Pressure                                                | Pa    | 20  | 42  | 70  | 104 | 143  | 187  | 237  | 292  | 351  |
| Noise level                                             | Db(A) | 37  | 40  | 43  | 46  | 50   | 53   | 56   | 59   | 63   |

## Technical Data

## Performance Data - SWV 315

|                  |           |     |     |     |     |      |      |      |      |      |
|------------------|-----------|-----|-----|-----|-----|------|------|------|------|------|
| <b>Max throw</b> | <b>m.</b> | 3.7 | 5.6 | 7.5 | 9.3 | 11.2 | 13.1 | 14.9 | 16.8 | 18.7 |
|------------------|-----------|-----|-----|-----|-----|------|------|------|------|------|

| Technical data for diffuser with 45° blades - Heating   |       |     |     |      |      |      |      |      |      |      |
|---------------------------------------------------------|-------|-----|-----|------|------|------|------|------|------|------|
| Air delivery speed Vk                                   | m/s   | 2   | 3   | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| Air Flow                                                | M³/h  | 554 | 831 | 1107 | 1384 | 1661 | 1938 | 2215 | 2492 | 2769 |
| Pressure                                                | Pa    | 13  | 27  | 43   | 62   | 84   | 108  | 135  | 163  | 193  |
| Noise level                                             | Db(A) | 35  | 38  | 41   | 44   | 47   | 50   | 53   | 56   | 59   |
| Technical data for diffuser with 67.5° blades - Cooling |       |     |     |      |      |      |      |      |      |      |
| Air delivery speed Vk                                   | m/s   | 2   | 3   | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| Air Flow                                                | M³/h  | 554 | 831 | 1107 | 1384 | 1661 | 1938 | 2215 | 2492 | 2769 |
| Pressure                                                | Pa    | 25  | 53  | 88   | 131  | 182  | 239  | 303  | 374  | 451  |
| Noise level                                             | Db(A) | 36  | 39  | 42   | 46   | 49   | 53   | 56   | 60   | 63   |

## Performance Data - SWV 400

|                  |           |     |     |     |     |      |      |      |      |      |
|------------------|-----------|-----|-----|-----|-----|------|------|------|------|------|
| <b>Max throw</b> | <b>m.</b> | 3.8 | 5.8 | 7.7 | 9.6 | 11.5 | 13.5 | 15.4 | 17.3 | 19.2 |
|------------------|-----------|-----|-----|-----|-----|------|------|------|------|------|

| Technical data for diffuser with 45° blades - Heating   |                   |     |      |      |      |      |      |      |      |      |
|---------------------------------------------------------|-------------------|-----|------|------|------|------|------|------|------|------|
| Air delivery speed V <sub>k</sub>                       | m/s               | 2   | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| Air Flow                                                | M <sup>3</sup> /h | 895 | 1343 | 1791 | 2238 | 2686 | 3581 | 3529 | 4029 | 4476 |
| Pressure                                                | Pa                | 16  | 31   | 50   | 73   | 99   | 128  | 160  | 195  | 231  |
| Noise level                                             | Db(A)             | 33  | 37   | 41   | 46   | 51   | 56   | 61   | 66   | 71   |
| Technical data for diffuser with 67.5° blades - Cooling |                   |     |      |      |      |      |      |      |      |      |
| Air delivery speed V <sub>k</sub>                       | m/s               | 2   | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| Air Flow                                                | M <sup>3</sup> /h | 895 | 1343 | 1791 | 2238 | 2686 | 3581 | 3529 | 4029 | 4476 |
| Pressure                                                | Pa                | 32  | 66   | 111  | 165  | 229  | 302  | 384  | 474  | 573  |
| Noise level                                             | Db(A)             | 34  | 38   | 43   | 48   | 53   | 58   | 63   | 68   | 73   |

## Technical Data

## Performance Data - SWV 500

|                  |           |     |     |     |     |      |      |      |      |      |
|------------------|-----------|-----|-----|-----|-----|------|------|------|------|------|
| <b>Max throw</b> | <b>m.</b> | 3.9 | 5.9 | 7.8 | 9.8 | 11.7 | 13.7 | 15.7 | 17.6 | 19.6 |
|------------------|-----------|-----|-----|-----|-----|------|------|------|------|------|

| Technical data for diffuser with 45° blades - Heating   |                   |      |      |      |      |      |      |      |      |      |
|---------------------------------------------------------|-------------------|------|------|------|------|------|------|------|------|------|
| Air delivery speed V <sub>k</sub>                       | m/s               | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| Air Flow                                                | M <sup>3</sup> /h | 1402 | 2103 | 2803 | 3504 | 4205 | 4906 | 5607 | 6308 | 7009 |
| Pressure                                                | Pa                | 18   | 35   | 58   | 84   | 115  | 149  | 186  | 227  | 270  |
| Noise level                                             | Db(A)             | 32   | 36   | 40   | 45   | 50   | 55   | 60   | 65   | 70   |
| Technical data for diffuser with 67.5° blades - Cooling |                   |      |      |      |      |      |      |      |      |      |
| Air delivery speed V <sub>k</sub>                       | m/s               | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| Air Flow                                                | M <sup>3</sup> /h | 1402 | 2103 | 2803 | 3504 | 4205 | 4906 | 5607 | 6308 | 7009 |
| Pressure                                                | Pa                | 39   | 81   | 136  | 203  | 282  | 372  | 473  | 585  | 707  |
| Noise level                                             | Db(A)             | 33   | 37   | 42   | 47   | 52   | 57   | 62   | 67   | 72   |

## Performance Data - SWV 630

| Max throw | m. | 4.0 | 5.9 | 7.9 | 9.9 | 11.9 | 13.9 | 15.9 | 17.8 | 19.8 |
|-----------|----|-----|-----|-----|-----|------|------|------|------|------|
|-----------|----|-----|-----|-----|-----|------|------|------|------|------|

| Technical data for diffuser with 45° blades - Heating   |       |      |      |      |      |      |      |      |       |       |
|---------------------------------------------------------|-------|------|------|------|------|------|------|------|-------|-------|
| Air delivery speed $V_k$                                | m/s   | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9     | 10    |
| Air Flow                                                | M³/h  | 2229 | 3344 | 4458 | 5573 | 6687 | 7802 | 8916 | 10031 | 11145 |
| Pressure                                                | Pa    | 20   | 40   | 66   | 97   | 132  | 172  | 216  | 263   | 314   |
| Noise level                                             | Db(A) | 38   | 42   | 46   | 51   | 56   | 61   | 66   | 71    | 76    |
| Technical data for diffuser with 67.5° blades - Cooling |       |      |      |      |      |      |      |      |       |       |
| Air delivery speed $V_k$                                | m/s   | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9     | 10    |
| Air Flow                                                | M³/h  | 2229 | 3344 | 4458 | 5573 | 6687 | 7802 | 8916 | 10031 | 11145 |
| Pressure                                                | Pa    | 47   | 98   | 166  | 249  | 346  | 457  | 582  | 720   | 871   |
| Noise level                                             | Db(A) | 39   | 43   | 48   | 53   | 58   | 63   | 68   | 73    | 78    |