

# W-800

ALUMINIUM BUITENMUURROOSTER



## VARIANTEN

WA800, WB800

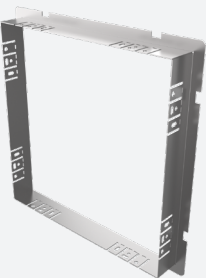
Het aluminium buitenmuurrooster type W-800 is geschikt voor de aanzuig of afblaas van grote lucht volumes in luchtbehandelingsinstallaties. De Z-vormige lamellen met stap 80mm zorgen voor een goede bescherming tegen regeninslag. Beschikbaar in twee uitvoeringen, met of zonder voorgeboorde schroefgaten in de omranding. Optioneel verschillende types muggen- of draadgaas verkrijgbaar.

Regeninslagvrij

Z-vormige lamellen onder 45° met stap 80mm

Bodemlamel voorzien van regendrempel

## TOEBEHOREN



WR002



## TECHNISCHE INFORMATIE

|             |                                         |                                                                                          |
|-------------|-----------------------------------------|------------------------------------------------------------------------------------------|
| TOEPASSING  | Type                                    | Aanzuig of afblaas                                                                       |
| CONSTRUCTIE | Centerafstand lamellen                  | 80mm, onder 45°                                                                          |
|             | Min. Lengte                             | 200mm                                                                                    |
|             | Stappen in lengte                       | 1mm                                                                                      |
|             | Min. hoogte                             | 300mm                                                                                    |
|             | Stappen in hoogte                       | 10mm                                                                                     |
|             | Max. lengte/hoogte (niet gelakt)        | 3000x2200 of 2200x3000mm                                                                 |
|             | Max. lengte/hoogte (gelakte uitvoering) | 2900x1700 of 1700x2900mm                                                                 |
| MATERIAAL   | Standaard materiaal                     | Geanodiseerd aluminium                                                                   |
|             | Standaard afwerking                     | Satijn geanodiseerd 11µm                                                                 |
|             | Afwerkingsmogelijkheden                 | Poederlak in RAL-kleur naar keuze                                                        |
| MONTAGE     | Montage opties                          | Met of zonder voorgeboorde schroefgaten in omranding, inbouwkader optioneel verkrijgbaar |

## EFFECTIEVE DOORLAATOPPERVLAKTE

| Toevoer/Afvoer A <sub>f</sub> [m²] |        |      |      |      |      |      |      |      |      |      |
|------------------------------------|--------|------|------|------|------|------|------|------|------|------|
| H [mm]                             | L [mm] |      |      |      |      |      |      |      |      |      |
|                                    | 400    | 500  | 600  | 800  | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| 400                                | 0.08   | 0.10 | 0.12 | 0.17 | 0.21 | 0.25 | 0.29 | 0.33 | 0.38 | 0.42 |
| 500                                | 0.11   | 0.14 | 0.16 | 0.22 | 0.28 | 0.33 | 0.39 | 0.44 | 0.50 | 0.56 |
| 600                                | 0.14   | 0.17 | 0.21 | 0.28 | 0.35 | 0.42 | 0.49 | 0.56 | 0.63 | 0.70 |
| 800                                | 0.19   | 0.24 | 0.29 | 0.39 | 0.48 | 0.58 | 0.68 | 0.78 | 0.88 | 0.97 |
| 1000                               | 0.24   | 0.31 | 0.37 | 0.50 | 0.62 | 0.75 | 0.87 | 1.00 | 1.13 | 1.25 |
| 1200                               | 0.30   | 0.37 | 0.45 | 0.61 | 0.76 | 0.91 | 1.07 | 1.22 | 1.38 | 1.53 |
| 1400                               | 0.35   | 0.44 | 0.53 | 0.72 | 0.90 | 1.08 | 1.26 | 1.44 | 1.63 | 1.81 |
| 1600                               | 0.41   | 0.51 | 0.62 | 0.83 | 1.04 | 1.25 | 1.46 | 1.67 | 1.88 | 2.09 |
| 1800                               | 0.46   | 0.58 | 0.70 | 0.94 | 1.17 | 1.41 | 1.65 | 1.89 | 2.13 | 2.36 |
| 2000                               | 0.51   | 0.65 | 0.78 | 1.05 | 1.31 | 1.58 | 1.84 | 2.11 | 2.38 | 2.64 |

## SNELSELECTIETABEL

| Q <sub>v</sub> [m³/h] Aanzuig - v <sub>eff</sub> =2,0m/s |        |      |      |      |      |       |       |       |       |       |
|----------------------------------------------------------|--------|------|------|------|------|-------|-------|-------|-------|-------|
| H [mm]                                                   | L [mm] |      |      |      |      |       |       |       |       |       |
|                                                          | 400    | 500  | 600  | 800  | 1000 | 1200  | 1400  | 1600  | 1800  | 2000  |
| 400                                                      | 576    | 720  | 864  | 1224 | 1512 | 1800  | 2088  | 2376  | 2736  | 3024  |
| 500                                                      | 792    | 1008 | 1152 | 1584 | 2016 | 2376  | 2808  | 3168  | 3600  | 4032  |
| 600                                                      | 1008   | 1224 | 1512 | 2016 | 2520 | 3024  | 3528  | 4032  | 4536  | 5040  |
| 800                                                      | 1368   | 1728 | 2088 | 2808 | 3456 | 4176  | 4896  | 5616  | 6336  | 6984  |
| 1000                                                     | 1728   | 2232 | 2664 | 3600 | 4464 | 5400  | 6264  | 7200  | 8136  | 9000  |
| 1200                                                     | 2160   | 2664 | 3240 | 4392 | 5472 | 6552  | 7704  | 8784  | 9936  | 11016 |
| 1400                                                     | 2520   | 3168 | 3816 | 5184 | 6480 | 7776  | 9072  | 10368 | 11736 | 13032 |
| 1600                                                     | 2952   | 3672 | 4464 | 5976 | 7488 | 9000  | 10512 | 12024 | 13536 | 15048 |
| 1800                                                     | 3312   | 4176 | 5040 | 6768 | 8424 | 10152 | 11880 | 13608 | 15336 | 16992 |
| 2000                                                     | 3672   | 4680 | 5616 | 7560 | 9432 | 11376 | 13248 | 15192 | 17136 | 19008 |

| Q <sub>v</sub> [m³/h] Afblaas - v <sub>eff</sub> =3,0m/s |        |      |      |       |       |       |       |       |       |       |
|----------------------------------------------------------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|
| H [mm]                                                   | L [mm] |      |      |       |       |       |       |       |       |       |
|                                                          | 400    | 500  | 600  | 800   | 1000  | 1200  | 1400  | 1600  | 1800  | 2000  |
| 400                                                      | 864    | 1080 | 1296 | 1836  | 2268  | 2700  | 3132  | 3564  | 4104  | 4536  |
| 500                                                      | 1188   | 1512 | 1728 | 2376  | 3024  | 3564  | 4212  | 4752  | 5400  | 6048  |
| 600                                                      | 1512   | 1836 | 2268 | 3024  | 3780  | 4536  | 5292  | 6048  | 6804  | 7560  |
| 800                                                      | 2052   | 2592 | 3132 | 4212  | 5184  | 6264  | 7344  | 8424  | 9504  | 10476 |
| 1000                                                     | 2592   | 3348 | 3996 | 5400  | 6696  | 8100  | 9396  | 10800 | 12204 | 13500 |
| 1200                                                     | 3240   | 3996 | 4860 | 6588  | 8208  | 9828  | 11556 | 13176 | 14904 | 16524 |
| 1400                                                     | 3780   | 4752 | 5724 | 7776  | 9720  | 11664 | 13608 | 15552 | 17604 | 19548 |
| 1600                                                     | 4428   | 5508 | 6696 | 8964  | 11232 | 13500 | 15768 | 18036 | 20304 | 22572 |
| 1800                                                     | 4968   | 6264 | 7560 | 10152 | 12636 | 15228 | 17820 | 20412 | 23004 | 25488 |
| 2000                                                     | 5508   | 7020 | 8424 | 11340 | 14148 | 17064 | 19872 | 22788 | 25704 | 28512 |

BESTELSLEUTEL

ALUMINIUM BUITENMUURROOSTER MET STAP 80MM

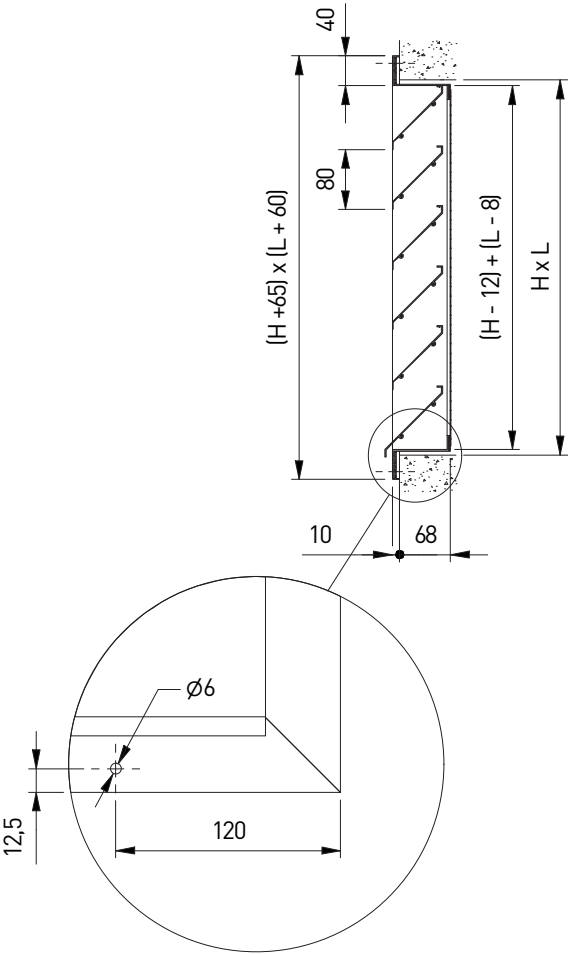
| W | A | 8 | 0 | 3 | - | - | 1                                                                                                                                                                                                                                                                       | 0 | 0 | 0 | 1                                                          | 0 | 0 | 0 |
|---|---|---|---|---|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|------------------------------------------------------------|---|---|---|
|   |   |   |   |   |   |   | Nominale lengte L (mm):<br>Van 200 tot 3000mm,<br>per 1mm                                                                                                                                                                                                               |   |   |   | Nominale hoogte H (mm):<br>Van 300 tot 3000mm,<br>per 10mm |   |   |   |
|   |   |   |   |   |   |   | -: Geanodiseerd<br>F: Geschilderd                                                                                                                                                                                                                                       |   |   |   |                                                            |   |   |   |
|   |   |   |   |   |   |   | -: Standaard<br>L: Eindstuk links<br>R: Eindstuk rechts<br>M: Middenstuk                                                                                                                                                                                                |   |   |   |                                                            |   |   |   |
|   |   |   |   |   |   |   | 0: Rooster zonder gaas<br>2: Rooster met grijs glasvezel muggengaas, maasopening 1,6x1,4mm (niet verkrijgbaar in geschilderde uitvoering)<br>3: Rooster met verzinkt stalen draadgaas, maasopening 12,7x12,7mm<br>4: Rooster met RVS draadgaas, maasopening 11,7x11,7mm |   |   |   |                                                            |   |   |   |
|   |   |   |   |   |   |   | A: Omranding met schroefgaten<br>B: Omranding zonder schroefgaten                                                                                                                                                                                                       |   |   |   |                                                            |   |   |   |

Nota's:  
Niet geschilderde roosters max 3000x2200mm of 2200x3000mm  
Geschilderde roosters max 2900x1700mm of 1700x2900mm

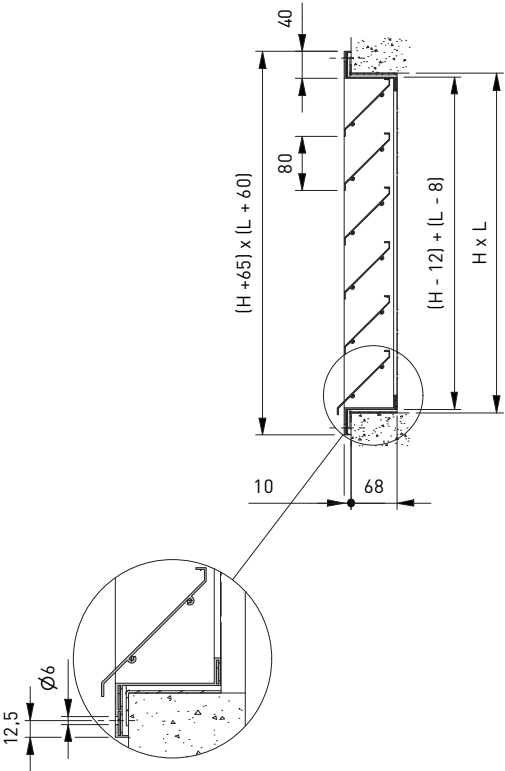
MONTAGEFRAME

|   |   |   |   |   |                                          |                                                           |   |   |   |                                                           |   |   |   |
|---|---|---|---|---|------------------------------------------|-----------------------------------------------------------|---|---|---|-----------------------------------------------------------|---|---|---|
| W | R | 0 | 0 | 2 | -                                        | 1                                                         | 0 | 0 | 0 | 1                                                         | 0 | 0 | 0 |
|   |   |   |   |   |                                          | Nominale lengte L (mm):<br>Van 200 tot 3000mm,<br>per 1mm |   |   |   | Nominale hoogte H (mm):<br>Van 200 tot 3000mm,<br>per 1mm |   |   |   |
|   |   |   |   |   |                                          | -: Standaard                                              |   |   |   |                                                           |   |   |   |
|   |   |   |   |   | 2: Verzinkt stalen inbouwframe, ongelakt |                                                           |   |   |   |                                                           |   |   |   |

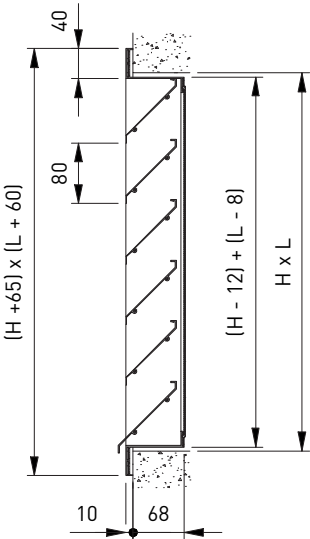
WA800

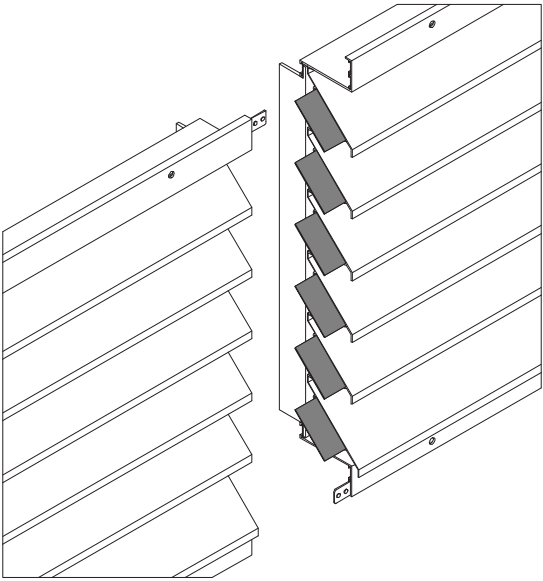
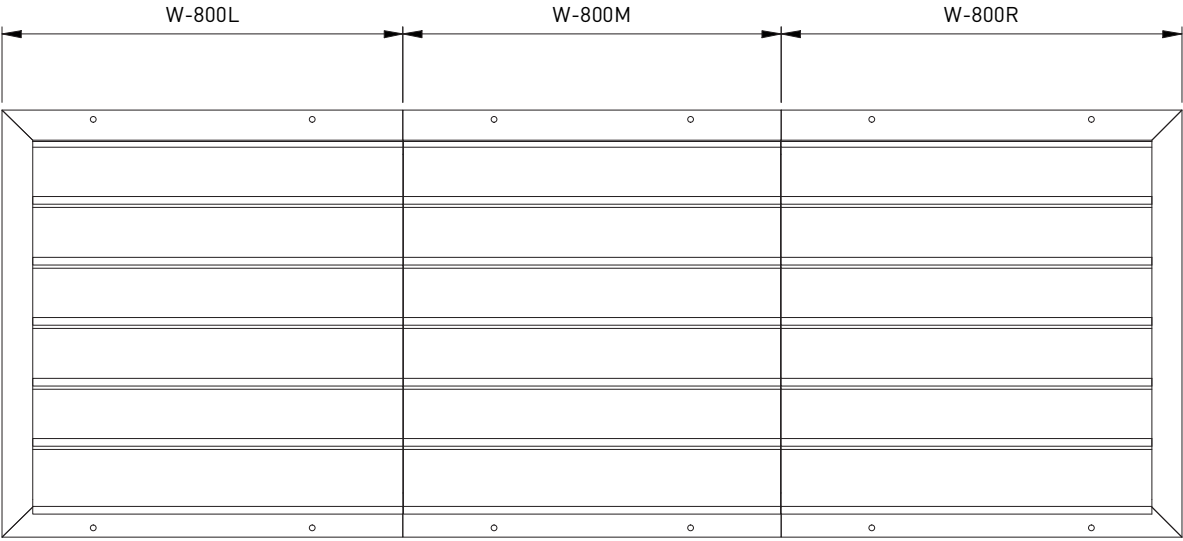


WA800 + WR002



WB800





PLAATS VAN DE SCHROEFGATEN IN DE OMRANDING

| Nom.L  |      | 800 | 1600 | 2000 | 3000 |
|--------|------|-----|------|------|------|
| Nom. H | 1000 |     |      |      |      |
|        | 2000 |     |      |      |      |
|        | 3000 |     |      |      |      |