

# ERA100 Regulation dampers with contrast blades 100 mm pitch



## Description

Aluminium regulation dampers with honeycomb blades with opposing movement by means of toothed gears protected from the air flow.

## Characteristics

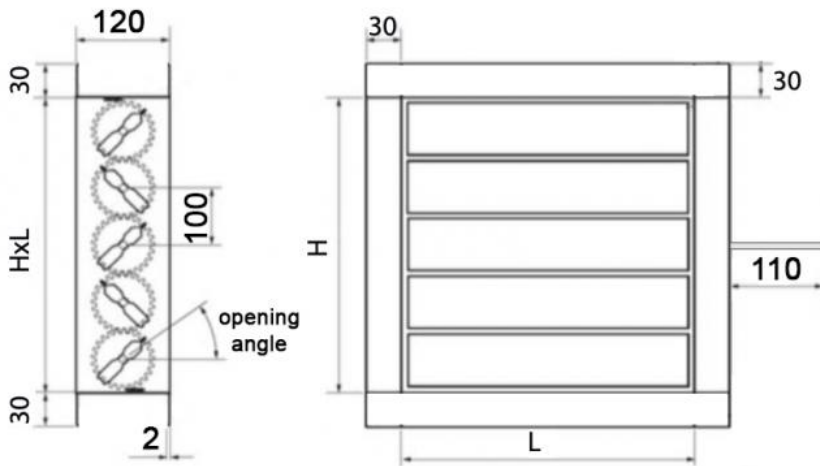
Material: raw aluminium frame and blades.  
Finish: aluminium.  
Installation: on duct by means of nuts and bolts.

## Use

For both manual and motorised regulation of the air flow in duct systems.

## Models

ERA100-P damper with pin Ø 12 mm.  
ERA100-C damper with manual control.



## Operating data

V: crossing speed (m/s).

Pa: pressure drops in Pascal.

dB(A): noise level.

$\alpha$ : opening angle of the regulation damper, 0° the blades are fully open.

\*Speed not recommended.

## ERA100-P price list

L: base

H: height

all dimensions are expressed in mm.

| H    | L      |        |                |        |        |        |        |
|------|--------|--------|----------------|--------|--------|--------|--------|
|      | 200    | 300    | 400            | 500    | 600    | 700    | 800    |
|      | euro   | euro   | euro           | euro   | euro   | euro   | euro   |
| 210  | 51,79  | 56,12  | 64,75          | 73,38  | 82,03  | 90,66  | 99,29  |
| 310  | 69,05  | 82,03  | 90,66          | 99,29  | 112,23 | 120,86 | 129,49 |
| 410  | 90,66  | 99,29  | 112,23         | 125,19 | 138,12 | 151,08 | 164,02 |
| 510  | 107,92 | 120,86 | 133,82         | 151,08 | 164,02 | 181,28 | 194,24 |
| 610  | 129,49 | 146,76 | 164,02         | 181,28 | 194,24 | 211,50 | 228,77 |
| 710  | 151,08 | 168,35 | 185,61         | 207,18 | 224,44 | 241,70 | 258,99 |
| 810  | 168,35 | 189,91 | 211,50         | 228,77 | 250,34 | 271,94 | 293,51 |
| 910  | 185,61 | 211,50 | 233,07         | 254,68 | 276,25 | 302,14 | 323,73 |
| 1010 | 207,18 | 228,77 | 254,68         | 280,58 | 306,47 | 332,36 | 353,93 |
| 1110 | 224,44 | 254,68 | 280,58         | 306,47 | 336,67 | 362,57 | 388,46 |
| 1210 | 246,03 | 271,94 | 302,14         | 332,36 | 362,57 | 392,79 | 418,68 |
| 1310 | 267,62 | 297,84 | 328,04         | 358,26 | 388,46 | 418,68 | 453,23 |
| 1410 | 284,88 | 315,10 | 349,63         | 384,15 | 418,68 | 448,90 | 483,43 |
| 1510 | 302,14 | 341,00 | 375,52         | 410,05 | 448,90 | 483,43 | 522,28 |
|      |        |        | manual control |        |        |        | 19,58  |

## ERA100-P price list

| H    | L      |        |                |        |        |        |        |
|------|--------|--------|----------------|--------|--------|--------|--------|
|      | 900    | 1000   | 1100           | 1200   | 1300   | 1400   | 1500   |
|      | euro   | euro   | euro           | euro   | euro   | euro   | euro   |
| 210  | 107,92 | 116,56 | 125,19         | 133,82 | 146,76 | 155,39 | 159,71 |
| 310  | 142,45 | 151,08 | 164,02         | 172,65 | 194,24 | 202,87 | 211,50 |
| 410  | 176,98 | 189,91 | 202,87         | 215,81 | 241,70 | 254,68 | 263,31 |
| 510  | 211,50 | 224,44 | 241,70         | 254,68 | 289,21 | 302,14 | 315,10 |
| 610  | 246,03 | 258,99 | 276,25         | 293,51 | 336,67 | 353,93 | 366,89 |
| 710  | 280,58 | 297,84 | 315,10         | 336,67 | 384,15 | 401,42 | 418,68 |
| 810  | 310,78 | 332,36 | 349,63         | 375,52 | 431,64 | 448,90 | 470,49 |
| 910  | 345,30 | 371,20 | 392,79         | 414,36 | 479,12 | 500,69 | 522,28 |
| 1010 | 379,83 | 405,72 | 431,64         | 457,53 | 526,59 | 548,17 | 574,07 |
| 1110 | 414,36 | 440,27 | 470,49         | 496,38 | 574,07 | 599,98 | 625,88 |
| 1210 | 448,90 | 479,12 | 509,32         | 535,22 | 621,55 | 647,45 | 673,34 |
| 1310 | 483,43 | 513,65 | 543,85         | 574,07 | 669,04 | 699,24 | 725,13 |
| 1410 | 517,95 | 552,48 | 582,70         | 617,25 | 720,83 | 746,72 | 776,94 |
| 1510 | 556,81 | 591,33 | 621,55         | 656,08 | 768,29 | 798,53 | 828,73 |
|      |        |        | manual control |        |        |        | 19,58  |

#### ERA100-C price list

| H    | L      |        |        |        |        |        |        |
|------|--------|--------|--------|--------|--------|--------|--------|
|      | 200    | 300    | 400    | 500    | 600    | 700    | 800    |
|      | euro   | euro   | euro   | euro   | euro   | euro   | euro   |
| 210  | 76,89  | 81,55  | 90,93  | 100,21 | 109,59 | 118,92 | 128,29 |
| 310  | 95,55  | 109,59 | 118,92 | 128,29 | 142,29 | 151,62 | 160,99 |
| 410  | 118,92 | 128,29 | 142,29 | 156,33 | 170,32 | 184,36 | 198,40 |
| 510  | 137,62 | 151,62 | 165,70 | 184,36 | 198,40 | 217,02 | 231,10 |
| 610  | 160,99 | 179,70 | 198,40 | 217,02 | 231,10 | 249,81 | 268,47 |
| 710  | 184,36 | 203,07 | 221,73 | 245,10 | 263,80 | 282,51 | 301,22 |
| 810  | 203,07 | 226,39 | 249,81 | 268,47 | 291,84 | 315,26 | 338,54 |
| 910  | 221,73 | 249,81 | 273,14 | 296,55 | 319,88 | 347,91 | 371,28 |
| 1010 | 245,10 | 268,47 | 296,55 | 324,59 | 352,62 | 380,66 | 403,98 |
| 1110 | 263,80 | 296,55 | 324,59 | 352,62 | 385,32 | 413,36 | 441,39 |
| 1210 | 287,18 | 315,26 | 347,91 | 380,66 | 413,36 | 446,10 | 474,10 |
| 1310 | 310,55 | 343,25 | 375,95 | 408,69 | 441,39 | 474,10 | 511,51 |
| 1410 | 329,25 | 361,95 | 399,36 | 436,77 | 474,10 | 506,80 | 544,21 |
| 1510 | 347,91 | 389,99 | 427,40 | 464,76 | 506,80 | 544,21 | 586,28 |

#### ERA100-C price list

| H    | L      |        |        |        |        |        |        |
|------|--------|--------|--------|--------|--------|--------|--------|
|      | 900    | 1000   | 1100   | 1200   | 1300   | 1400   | 1500   |
|      | euro   | euro   | euro   | euro   | euro   | euro   | euro   |
| 210  | 137,62 | 147,00 | 156,33 | 165,70 | 179,70 | 189,03 | 193,74 |
| 310  | 175,03 | 184,36 | 198,40 | 207,73 | 231,10 | 240,43 | 249,81 |
| 410  | 212,44 | 226,39 | 240,43 | 254,43 | 282,51 | 296,55 | 305,88 |
| 510  | 249,81 | 263,80 | 282,51 | 296,55 | 334,01 | 347,91 | 361,95 |
| 610  | 287,18 | 301,22 | 319,88 | 338,54 | 385,32 | 403,98 | 418,07 |
| 710  | 324,59 | 343,25 | 361,95 | 385,32 | 436,77 | 455,39 | 474,10 |
| 810  | 357,24 | 380,66 | 399,36 | 427,40 | 488,14 | 506,80 | 530,21 |
| 910  | 394,65 | 422,69 | 446,10 | 469,43 | 539,59 | 562,91 | 586,28 |
| 1010 | 432,06 | 460,05 | 488,14 | 516,17 | 590,90 | 614,32 | 245,10 |
| 1110 | 469,43 | 497,47 | 530,21 | 558,25 | 642,35 | 670,43 | 263,80 |
| 1210 | 506,80 | 539,59 | 572,29 | 600,28 | 693,72 | 721,80 | 287,18 |
| 1310 | 544,21 | 576,91 | 609,61 | 642,35 | 745,17 | 777,87 | 310,55 |
| 1410 | 581,57 | 618,98 | 651,73 | 689,14 | 801,28 | 827,30 | 329,25 |
| 1510 | 623,69 | 661,06 | 693,72 | 731,13 | 852,64 | 885,39 | 347,91 |