

**BACK DRAFT DAMPER - CKH -02 / CKH-02A**



**CKH-02**



**CKH-02A**

**AREAS OF USE AND FEATURES:** It is used as a return damper for low pressure relief applications such as 10-50 Pa in Hvac systems. Air speed can be used up to 10 m / s.

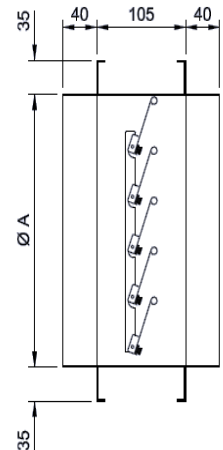
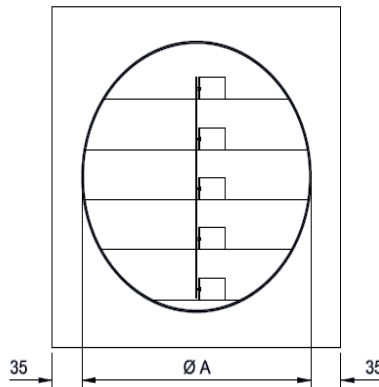
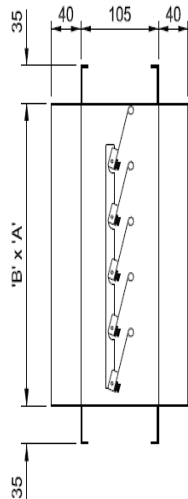
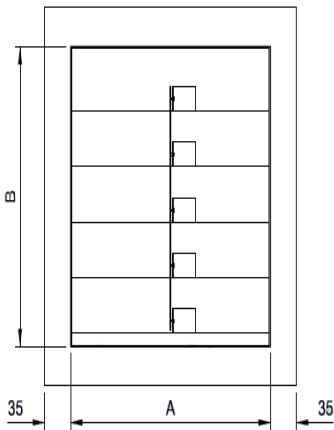
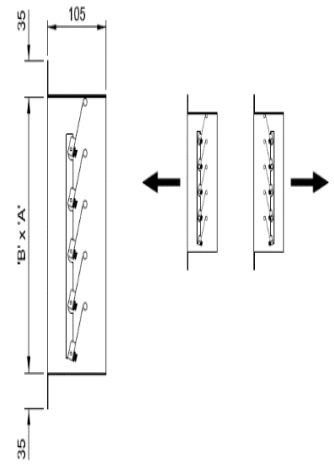
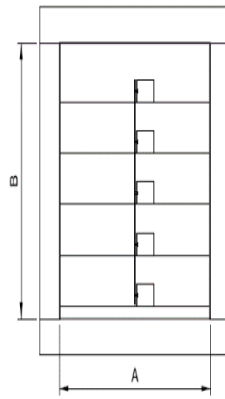
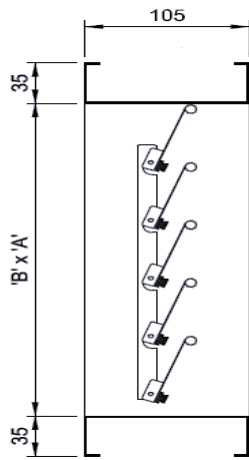
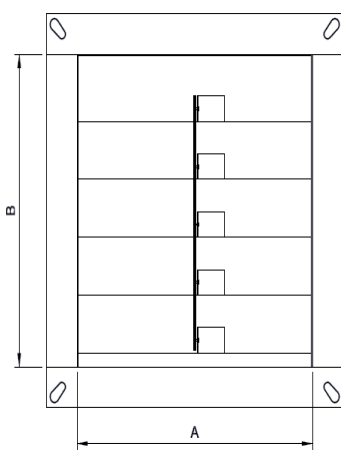
**MATERIAL:** Case galvanized - wings are made of twisted aluminum plate.

**SURFACE COATING:** It can be manufactured from galvanized plate without paint.

**TECHNICAL MEASUREMENT**

|          |   |
|----------|---|
| <b>W</b> | <b>100-150-200-250-300-350-400-450-500-600-700-800-900-1000-1100-1200</b> |
| <b>H</b> | <b>100-150-200-250-300-350-400-450-500-600-700-800-900-1000</b>           |

**DAMPER SECTION VIEWS**



**ELECTION DIAGRAM**

**CKH-02A**

| ØD  | H   | ØD  | H   |
|-----|-----|-----|-----|
| 100 | 140 | 450 | 510 |
| 125 | 195 | 500 | 580 |
| 150 | 210 | 550 | 640 |
| 200 | 260 | 600 | 700 |
| 250 | 320 | 650 | 770 |
| 300 | 385 | 700 | 770 |
| 350 | 385 | 750 | 830 |
| 400 | 460 | 800 | 895 |

|                 |                            | PRESURE LOSS (Pa) |    |    |    |    |     |     |     |     |
|-----------------|----------------------------|-------------------|----|----|----|----|-----|-----|-----|-----|
| AIR SPEED (m/s) |                            | 2                 | 3  | 4  | 5  | 6  | 7   | 8   | 9   | 10  |
| Model 1         | 30°<br>CLOSED              | 3                 | 9  | 22 | 47 | 75 | 110 | 140 | 190 | 220 |
|                 | 15°<br>CLOSED              | -                 | -  | 2  | 6  | 12 | 22  | 32  | 46  | 60  |
|                 | OPEN                       | -                 | -  | -  | -  | -  | -   | -   | 2   | 3   |
| Model 2         | 30°<br>CLOSED              | -                 | 12 | 21 | 35 | 55 | 75  | 90  | 110 | 150 |
|                 | 15°<br>CLOSED              | -                 | 4  | 7  | 11 | 18 | 23  | 30  | 40  | 48  |
|                 | OPEN                       | -                 | -  | 2  | 4  | 5  | 7   | 9   | 11  | 14  |
| Model 3         | 30°<br>CLOSED <sub>1</sub> | -                 | 11 | 33 | 50 | 68 | 95  | 120 | 140 | 200 |
|                 | 15°<br>CLOSED              | -                 | -  | -  | -  | 5  | 20  | 32  | 44  | 55  |
|                 | OPEN                       | -                 | -  | -  | -  | -  | -   | 5   | 12  | 21  |