

# RECESSED COMMERCIAL AIR CURTAINS

## COR-FTW Series

**NEW**

COR-FTW

Recessed air curtains, **with hot water coil** to be fitted in commercial premises.

**Characteristics:**

To be fitted to a height of up to 4 m.  
High-performance, low-noise tangential impeller.  
Can be fitted in series.

**Applications:** see page BASIC CONCEPTS AIR CURTAINS.

**On request:** Grille is not included with the air curtain. Can be supplied in different colours.



Air curtains



**CR-NW**  
**Remote control included with the product**, to control up to 5 units of the same model in series.



Shops



Hotels

CR-NW power selector

**■ Dimensions (mm)**

Model 1000

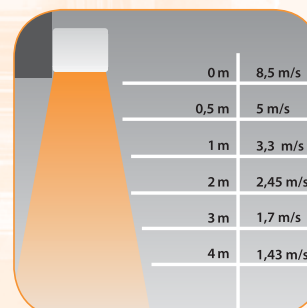
Model 1500

**Side detail (mm)**

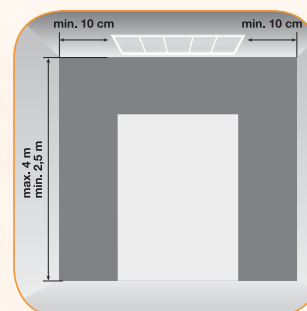
1000/1500 Series

**Grille dimensions (mm)**  
The grille is not included in the price. It must be ordered separately.

| Model            | Dimensions (mm)                 |
|------------------|---------------------------------|
| REJA COR-FT 1000 | A: 438 B: 1.148 C: 393 D: 1.103 |
| REJA COR-FT 1500 | A: 438 B: 1.755 C: 393 D: 1.710 |



Distance/air speed



Fitting height

**■ Technical Characteristics**

| Model             | Voltage (50 Hz) (V) | Heat power (kW) | Motor power (W) | Speeds | Airflow (m <sup>3</sup> /h) |        |      | output speed* (m/s) at 0,05 m | Maximum OT (°C) |        |      | Sound pressure level** (dB(A)) | Abs. current (A) | Water flow (l/s) | Water thread connection | Pressure drop (kPa) | Ambient / Hot air | Weight (kg) | Grille colour***<br><small>(The grille is not included in the price. It must be ordered separately)</small> |
|-------------------|---------------------|-----------------|-----------------|--------|-----------------------------|--------|------|-------------------------------|-----------------|--------|------|--------------------------------|------------------|------------------|-------------------------|---------------------|-------------------|-------------|---|
|                   |                     |                 |                 |        | Speed                       |        |      |                               | Speed           |        |      |                                |                  |                  |                         |                     |                   |             |   |
|                   |                     |                 |                 |        | fast                        | Medium | slow |                               | fast            | Medium | slow |                                |                  |                  |                         |                     |                   |             |   |
| COR F-1000 FTW 10 | 230                 | 10              | 101             | 3      | 1322                        | 1025   | 701  | 8,5                           | 21,5            | 24,5   | 29,3 | 60                             | 0,46             | 0,12             | 1 / 2"                  | 7200                | A / H             | 23          | White RAL 9016 or Aluminium   |
| COR F-1500 FTW 17 | 230                 | 17              | 135             | 3      | 2057                        | 1771   | 1293 | 8,05                          | 22,2            | 24,5   | 28,8 | 62                             | 0,62             | 0,20             | 1 / 2"                  | 11600               | A / H             | 34          | White RAL 9016 or Aluminium   |

\* Maximum speed.

\*\* Measured at a distance of 3 m in free field.

\*\*\* Standard Colors. Also available on-demand grille in black RAL 9005 without price increase. Consult delivery period and price for all other colours on the RAL chart.

**INPUT / OUTPUT WATER TEMPERATURE 90/70°C**

|                    |              |                |                   | INPUT AIR<br>TEMPERATURE = + 15°C |                              | INPUT AIR<br>TEMPERATURE = + 20°C |                              |
|--------------------|--------------|----------------|-------------------|-----------------------------------|------------------------------|-----------------------------------|------------------------------|
| TYPE               | FAN<br>SPEED | Q FLOW<br>m3/h | WATER FLOW<br>l/s | POWER<br>KW                       | AIR OUTPUT<br>TEMPERATURE °C | POWER<br>KW                       | AIR OUTPUT<br>TEMPERATURE °C |
| COR-1000<br>FTW 9  | FAST         | 1395           | 0,120             | 10,86                             | 37,6                         | 10,09                             | 41,3                         |
|                    | MEDIUM       | 1082           | 0,120             | 9,65                              | 40,9                         | 8,96                              | 44,4                         |
|                    | SLOW         | 738            | 0,120             | 7,91                              | 46,1                         | 7,34                              | 49,3                         |
| COR-1500<br>FTW 17 | FAST         | 2320           | 0,200             | 18,74                             | 38,4                         | 17,41                             | 42,1                         |
|                    | MEDIUM       | 1882           | 0,200             | 16,97                             | 41,2                         | 15,75                             | 44,6                         |
|                    | SLOW         | 1364           | 0,200             | 14,35                             | 45,6                         | 13,32                             | 48,8                         |

**INPUT / OUTPUT WATER TEMPERATURE 80/60°C**

|                    |              |                |                   | INPUT AIR<br>TEMPERATURE = + 15°C |                              | INPUT AIR<br>TEMPERATURE = + 20°C |                              |
|--------------------|--------------|----------------|-------------------|-----------------------------------|------------------------------|-----------------------------------|------------------------------|
| TYPE               | FAN<br>SPEED | Q FLOW<br>m3/h | WATER FLOW<br>l/s | POWER<br>KW                       | AIR OUTPUT<br>TEMPERATURE °C | POWER<br>KW                       | AIR OUTPUT<br>TEMPERATURE °C |
| COR-1000<br>FTW 9  | FAST         | 1395           | 0,120             | 34,5                              | 8,62                         | 38,2                              | 36,1                         |
|                    | MEDIUM       | 1082           | 0,120             | 37,4                              | 7,65                         | 40,8                              | 40,2                         |
|                    | SLOW         | 738            | 0,120             | 41,9                              | 6,27                         | 45                                | 43,1                         |
| COR-1500<br>FTW 17 | FAST         | 2320           | 0,200             | 35,3                              | 14,9                         | 38,9                              | 36,8                         |
|                    | MEDIUM       | 1882           | 0,200             | 37,6                              | 13,48                        | 41,1                              | 40,8                         |
|                    | SLOW         | 1364           | 0,200             | 41,4                              | 11,39                        | 44,6                              | 44,2                         |

**INPUT / OUTPUT WATER TEMPERATURE 70/50°C**

|                    |              |                |                   | INPUT AIR<br>TEMPERATURE = + 15°C |                              | INPUT AIR<br>TEMPERATURE = + 20°C |                              |
|--------------------|--------------|----------------|-------------------|-----------------------------------|------------------------------|-----------------------------------|------------------------------|
| TYPE               | FAN<br>SPEED | Q FLOW<br>m3/h | WATER FLOW<br>l/s | POWER<br>KW                       | AIR OUTPUT<br>TEMPERATURE °C | POWER<br>KW                       | AIR OUTPUT<br>TEMPERATURE °C |
| COR-1000<br>FTW 9  | FAST         | 1395           | 0,120             | 7,9                               | 31,4                         | 7,16                              | 35,1                         |
|                    | MEDIUM       | 1082           | 0,120             | 7,02                              | 33,8                         | 6,35                              | 37,3                         |
|                    | SLOW         | 738            | 0,120             | 5,76                              | 37,7                         | 5,21                              | 40,8                         |
| COR-1500<br>FTW 17 | FAST         | 2320           | 0,200             | 13,68                             | 32,1                         | 12,38                             | 35,7                         |
|                    | MEDIUM       | 1882           | 0,200             | 12,39                             | 34,1                         | 11,2                              | 37,5                         |
|                    | SLOW         | 1364           | 0,200             | 10,48                             | 37,3                         | 9,47                              | 40,4                         |

**INPUT / OUTPUT WATER TEMPERATURE 60/40°C**

|                    |              |                |                   | INPUT AIR<br>TEMPERATURE = + 15°C |                              | INPUT AIR<br>TEMPERATURE = + 20°C |                              |
|--------------------|--------------|----------------|-------------------|-----------------------------------|------------------------------|-----------------------------------|------------------------------|
| TYPE               | FAN<br>SPEED | Q FLOW<br>m3/h | WATER FLOW<br>l/s | POWER<br>KW                       | AIR OUTPUT<br>TEMPERATURE °C | POWER<br>KW                       | AIR OUTPUT<br>TEMPERATURE °C |
| COR-1000<br>FTW 9  | FAST         | 1395           | 0,120             | 6,44                              | 28,4                         | 5,7                               | 32                           |
|                    | MEDIUM       | 1082           | 0,120             | 5,72                              | 30,3                         | 5,06                              | 33,8                         |
|                    | SLOW         | 738            | 0,120             | 4,7                               | 33,5                         | 4,15                              | 36,5                         |
| COR-1500<br>FTW 17 | FAST         | 2320           | 0,200             | 11,16                             | 29                           | 9,88                              | 32,5                         |
|                    | MEDIUM       | 1882           | 0,200             | 10,1                              | 30,6                         | 8,94                              | 34                           |
|                    | SLOW         | 1364           | 0,200             | 8,55                              | 33,2                         | 7,55                              | 36,3                         |