

# Zehnder CLRF

Technical specification for air distribution components

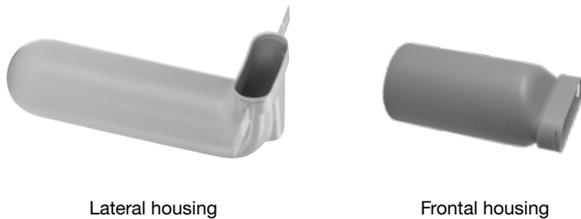


## General

The Zehnder CLRF vent is made from smooth and odourless HDPE. It is suitable for wall and ceiling installation in conjunction with round grilles or valves with air volumes of up to approx. 45 m<sup>3</sup>/h.

The air volume for the grille is regulated at the vent via the Zehnder ComfoSet flat 51 airflow regulator. The vent is connected to the distribution system via the Zehnder ComfoTube flat 51 ventilation tube. The vent is sealed using the seal provided and locking slides to ensure an airtight connection to the distribution system. The installation depth can be varied by reducing the length.

The air volume regulation for the grille can be adjusted at the vent. The airflow of the supply and extract air valve can be set directly at the valve.



Lateral housing

Frontal housing

## Benefits

- Flexible installation options on walls and ceilings up to 45 m<sup>3</sup>/h
- Maximum hygiene due to the smooth inner skin that enables easy cleaning
- Durable due to non-corrosive material

## Technical specifications

Zehnder CLRF	
Material:	Pure HDPE
Permissible operating temperature:	-25 to 60 °C
Air volume:	45 m <sup>3</sup> /h

## Article numbers

Description	Article number
Round grille housing CLRF lateral	990 322 060
Round grille housing CLRF, frontal	990 322 061

Accessories	Article number
ComfoSet flat 51	990 322 015
Set of cutting templates for CLR and CLRF	990 322 094

### Designer grilles

Venezia round grille Ø 160 mm, on-wall, stainless steel	990 320 780
Venezia round grille Ø 160 mm, on-wall, white	990 320 781
Venezia square grille, on-wall, stainless steel	990 322 089
Venezia square grille, on-wall, white	990 322 090
Torino round grille Ø 160 mm, on-wall, stainless steel	990 320 790
Torino round grille Ø 160 mm, on-wall, white	990 320 791
Torino square grille, on-wall, stainless steel	990 322 088
Torino square grille, on-wall, white	990 320 792
Sans soucis round grille Ø 160 mm, on-wall, stainless steel	990 322 116
Sans soucis round grille Ø 160 mm, on-wall, white	990 322 117
Sacré coeur round grille Ø 160 mm, on-wall, stainless steel	990 322 118
Sacré coeur round grille Ø 160 mm, on-wall, white	990 322 119
Replacement filter for grille 990	990 320 032

### Disc valves

Supply air valve Luna S125	705 613 126
Air Blocker for supply air valve Luna S125	705 613 001
Extract air valve ComfoValve Luna E125	705 613 127
Filter set for ComfoValve Luna E125/ DN 100	990 320 031

## Tender specification

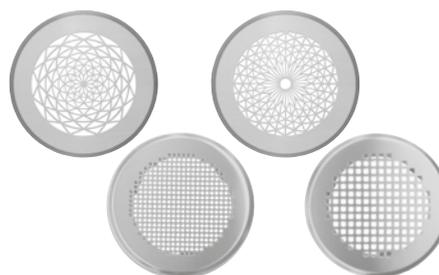
### Round designer grille, on-wall

(not suitable for use as a floor grille)

Round grille Ø 160 mm, with integrated replaceable filters.

Available in stainless steel and white.

Models available: Sans soucis, Sacré coeur, Venezia, Torino (pictures from left to right)



### Designer grille, square, on-wall

(not suitable for use as a ceiling grille)

Dimensions: 160 x 160 mm

Available in stainless steel and white.

Model: Venezia and Torino



### Supply air valve ComfoValve Luna S125

High-induction plastic supply air disc valve suitable for installation in walls and ceilings. The air volume can be adjusted smoothly using the valve's regulation device. The disc valve is mounted using a rubber mounting ring. This ensures optimum tightness.

Colour: white



### Extract air valve ComfoValve Luna E125

Zehnder Luna E is suitable for wall and ceiling installation.

Thanks to the intuitive mounting and integrated seal, the valve can easily be mounted airtight without any additional tools.

75 screened settings allow a very precise adjustment of the air volume.

Colour: white



### Air blocker

The Zehnder air blocker can be installed in the Luna S125 disc valve for flexible orientation of the air outflow, meaning that air distribution is blocked at the required point and the air flows out at just 240° instead of at 360°. This provides maximum additional protection against unwanted airflow, particularly in highly sensitive areas such as over doors.



### ComfoSet flat 51

Airflow regulator to regulate the volume flow of air circulating



### Replacement filter DN 125

Filter suitable for use with grilles and valves (extract air) ISO

Coarse ≥ 45% (G3), sold in packs: 10 pcs.



### Replacement filter DN 100

Filter suitable for extract air designer grille ComfoValve Luna

E125, ISO Coarse ≥ 45% (G3), sold in packs: 10 pcs.

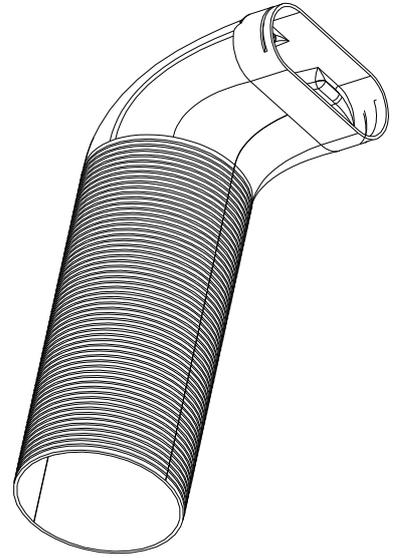
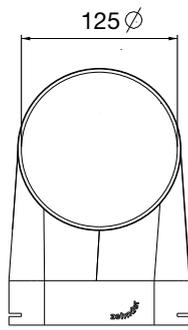
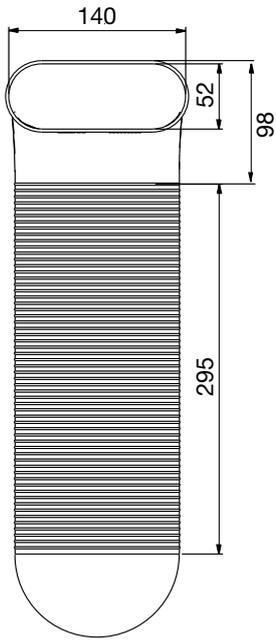


### Set of cutting templates for CLR and CLRF

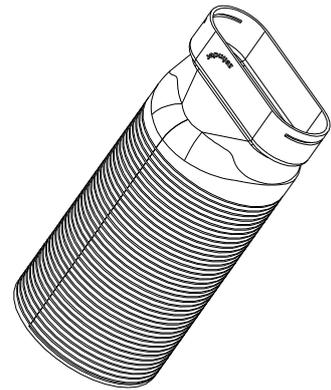
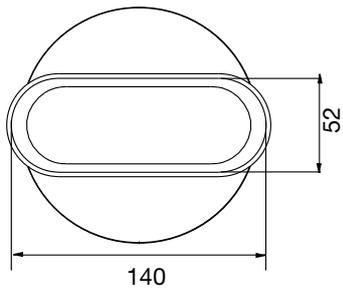
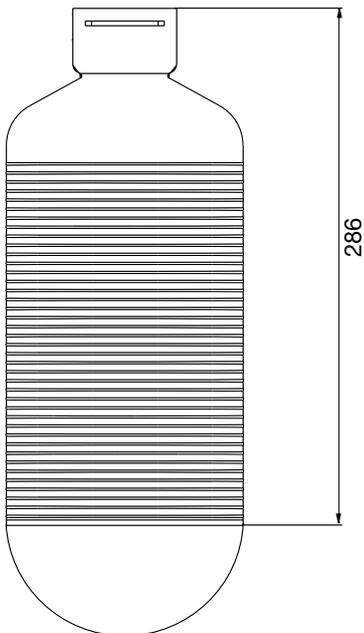
Stainless steel templates for protecting finished surface (wall/floor) when cutting open housing for complete installation.

## Dimensional drawings

### Lateral housing



### Frontal housing



## Pressure loss graph

Values for pressure loss in components of the ComfoFresh OnFloor air distribution system

