

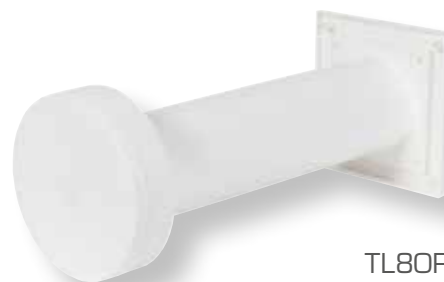
Features & Benefits

- Three opening-positions
- Condensation protected
- Regulated with/without cord
- Complete range of accessories

Fresh TL80R

Round wall vent designed to provide a continuous airflow into the building/house. The vent is supplied with filter and condensation protection. The vent has three opening-positions which is easily regulated with/without cord.

TL80R is also available in a sound reduced model (TL80R-dB).



TL80R



TL80R-dB

Specification

| Product | Description | Art no |
|----------------------|---|--------|
| Fresh TL80R Bulk | Complete vent with wall pipe Ø81/85 mm and grille | 628080 |
| Fresh TL80R Int part | Internal part | 248080 |
| Fresh TL80R-dB Bulk | Complete sound-reduced vent, wall pipe Ø81/140 x 400 mm | 638080 |

The vent can easily be adjusted to suit special requests (larger cover plates, other pipe-lengths etc)

Technical data

| | |
|---------------|--|
| Capacity: | 8,4 l/s at 10 Pa |
| Wall opening: | Min Ø86 mm (standard vent) or Ø150 mm (sound-reduced vent) |
| Material: | ABS-plastic (recyclable) |
| Colour: | White, RAL 9010 |

TL80R

Air supply vent

Description/function

Standard

Air supply unit for wall mounting.
A complete set contain internal part,
2 x wall pipe, adapter and external grille.
The pipes fit telescopically which provides
a flexible joint.

Internal part

The internal part is supplied with standard
filter and condensation protection. The front
cover also functions as damper and is
regulated either with a mounted cord or
by pulling the cover outwards. The vent has
three opening-positions and one close-
position.

The cover will gradually change position for
each pull (the fourth pull will close the vent).
The distribution pattern can be improved by
mounting an air deflector (accessory).
The vent has two filter-alternatives, Standard
filter and Pollen filter (EU4).

Sound-reduced vent

The sound-reduced model TL80R-dB has
another wall pipe than the standard.
Besides the dB-pipe the vent also contain two
cover plates (#180).

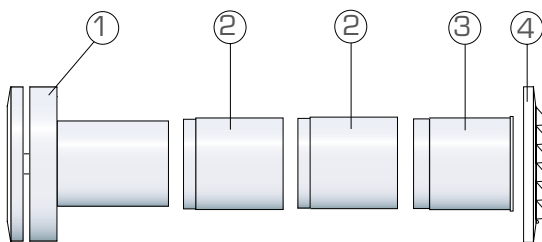
The internal adapter is shorten in order to give
optimal sound-reduction.

The pipe length is 400mm as standard
but can easily be cut to requested length
(max.1200mm).

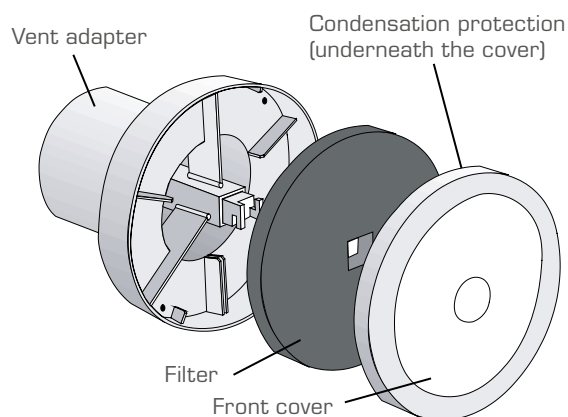
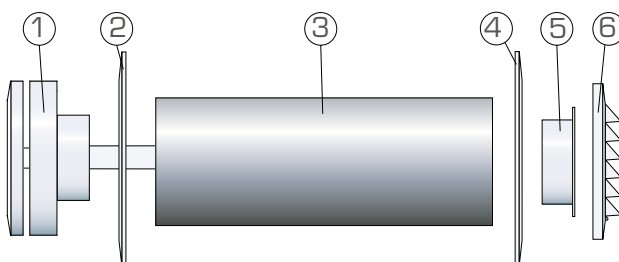
Mounting

A high placing is recommended, preferably
above a radiator. With this solution the
incoming air mixes with the convection flow of
warm air, ensuring maximum comfort. When
using the vent in rooms with underfloor-
heating we recommend to use an air deflector
(ensures a better mix of air and prevents
draught, accessory).

| TL80R | | |
|-------|------------------------------|--------|
| Pos. | Description | Art no |
| 1 | TL80R Internal part | 248080 |
| 2 | Wall pipe Ø81/85 x 75 mm | 660875 |
| 3 | Adapter 8 ext. Ø81/85 x75 mm | 660892 |
| 4 | External grille #150 mm | 801701 |

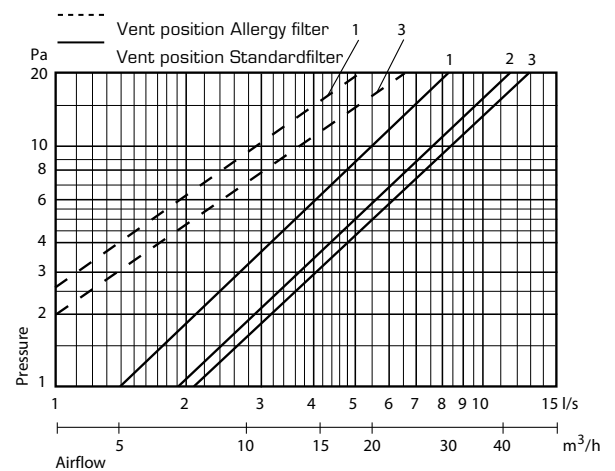


| TL80R-dB | | |
|----------|--------------------------|--------|
| Pos. | Description | Art no |
| 1 | TL80R Internal part | 248080 |
| 2 | Cover plate #180 mm | 661801 |
| 3 | dB-pipe Ø81/140 x 400 mm | 806004 |
| 4 | Cover plate #180 mm | 661801 |
| 5 | Adapter 8 Ø81 x 30 mm | 660830 |
| 6 | External grille #150 mm | 801701 |



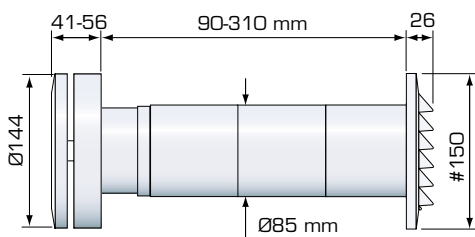
| Technical data TL80R | |
|-------------------------|--|
| Capacity at 10 Pa: | 8,4 l/s |
| Wall opening: | Min. Ø86 mm |
| Max wall thickness: | 310 mm. Additional pipes are available. |
| Material: | ABS-plastic (recyclable) |
| Colour: | White, RAL 9010 |
| Technical data TL80R-dB | |
| Wall opening: | Ø150 mm |
| Max wall thickness: | 400 mm. For other lengths please contact Fresh AB. |

Capacity Fresh TL80/TL80-dB

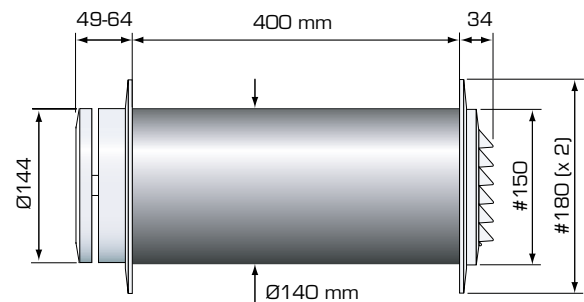


Dimensions

TL80R



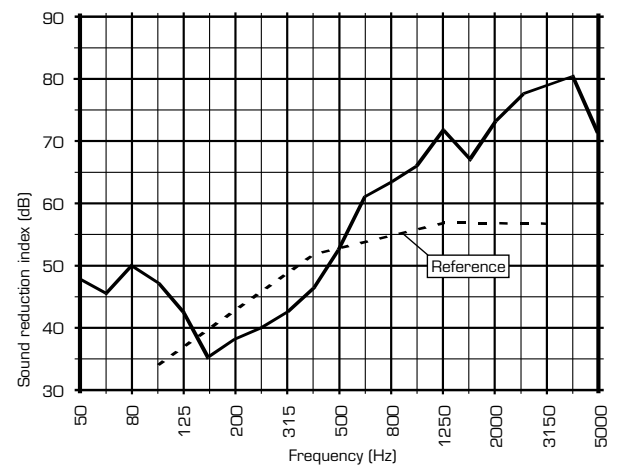
TL80R-dB



Sound data

The diagram show sound reduction with fully open vent and 400mm pipe. Measurement according to ISO 140-10. Normalized level diff. for building section, calculation based on 10 m².

| Sound data | |
|------------|---------|
| D n,e,w | 53 dB |
| D n,e,w,8 | 53 dB |
| (C;Ctr) | (-1;-5) |
| (C;Ctr) | (0;-5) |
| 50-5000 | |
| Sum. Dev.. | 28,3 |
| Max Dev. | 6,3 |
| Frequency | 315 |



TL80R

Air supply vent

Distribution pattern

As shown in the diagrams below TL80R can handle up to 8 l/s even at -20°C without causing draught problems. The shaded areas indicates air movements above 0.15 m/s.

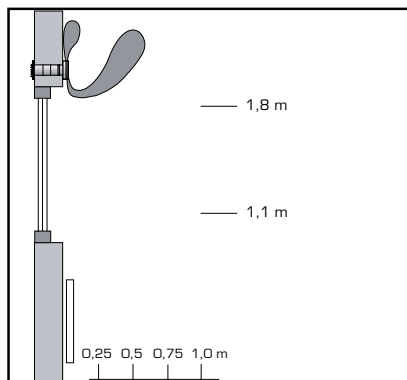
From the side

Outdoor temperature:
-20°C

Indoor temperature:
+20°C

Airflow:
8,0 l/s

Capacity of radiator:
750 W



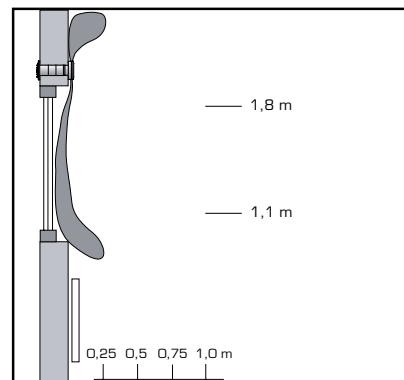
From the side

Outdoor temperature:
±0°C

Indoor temperature:
+20°C

Airflow:
8,0 l/s

Capacity of radiator:
400 W



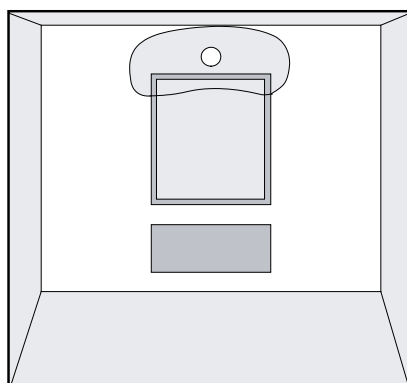
From the front

Outdoor temperature:
-20°C

Indoor temperature:
+20°C

Airflow:
8,0 l/s

Capacity of radiator:
750 W



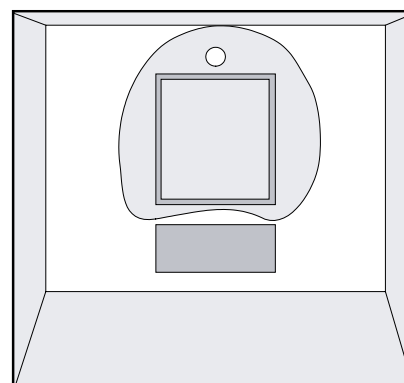
From the front

Outdoor temperature:
±0°C

Indoor temperature:
+20°C

Airflow:
8,0 l/s

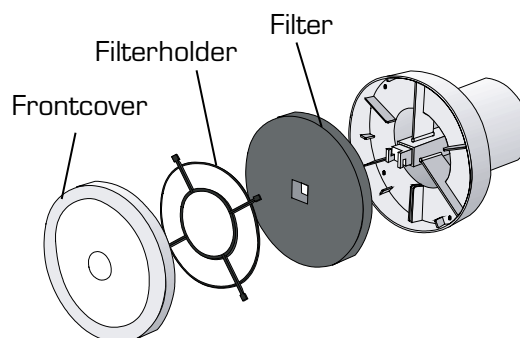
Capacity of radiator:
400 W



Maintenance

It is important to keep the filter clean in order to ensure correct airflow and to retain good air quality. We recommend to wash/replace the filter 1-2/year. The standard filter is washable (use a gentle soap/detergent). The allergy filter should be replaced with a new one.

In order to reach the filter, open the vent and turn the cover anti-clockwise. The cover's bayonet mount is now loose and the filter is accessible under the filter holder (the filter is remounted in reversed order).



Accessories



Wall pipe
Available in different sizes and lengths



Coverplate
Available in different sizes and colours



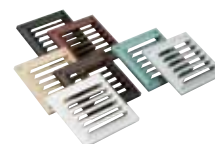
Storm shield
Regulates air supply during heavy winds



Air deflector
Regulates the air direction



Filter
Pollen filter (EU3) and Environmental filter (EU7)



External grille
Available in different sizes and colours