

### Features & Benefits

- Variable airflow-adjustment
- Condensation protected
- Adjustable distribution pattern
- Built-in minimumflow
- Several filter-alternatives

### Fresh TL-P

A flexible air ventilator for wall mounting, designed to provide a continuous airflow into the building/house. TL-P is also available in a sound reduced model (TL80/98P-dB).



### Specification

| Product            | Description  | Art no |
|--------------------|--|--------|
| TL-80P             | Complete vent with wall pipe Ø81/85 mm                   | 628000 |
| TL-98P             | Complete vent with wall pipe Ø98/102 mm                  | 629800 |
| TL-P Internal part | Internal part  | 249800 |
| TL-80P-dB          | Complete sound-reducing vent, wall pipe Ø81/148 x 400 mm | 638000 |
| TL-80P-dBS         | Complete sound-reducing vent, wall pipe Ø81/124 x 400 mm | 638024 |
| TL-98P-dB          | Complete sound-reducing vent, wall pipe Ø98/148 x 400 mm | 639800 |

The vent can easily be adjusted to suit special requests (larger coverplates, other dB-pipe lengths etc).

### Technical data

|               |  |
|---------------|--|
| Capacity:     | 8,8 l/s for TL98P and 7,8 l/s for TL80P at 10 Pa |
| Wall opening: | Ø88, Ø105, Ø125 or Ø150 mm depending on model    |
| Material:     | ABS plastic (recyclable)                         |
| Colour:       | White, RAL 9010                                  |

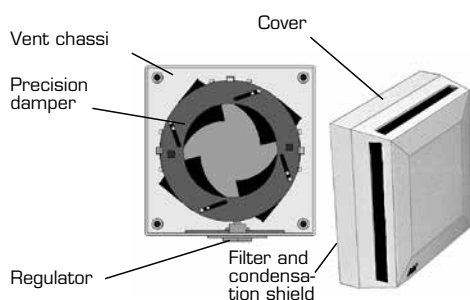
### Description/function

#### Internal part

The vent is supplied with condensation shield, easily removed standard filter and variable precision damper for exact adjustment of the airflow. The precision damper is adjustable by a regulator with a 1-10 scale located underneath the vent.

It can also be regulated by cord (for disabled). The airflow can be directed with air direction plugs.

If a fixed airflow is requested the regulator needs to be removed and replaced with a locking plate. A more detailed instruction is included in the mounting instruction. Filters available are Standard filter and Allergy filter (EU3).



#### Sound-reduced wall vent

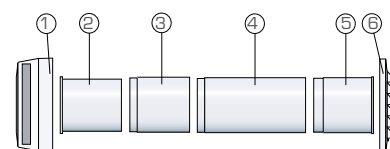
The sound-reduced model has another wall pipe than the standard vent. Besides the dB-pipe it also contains two cover plates and two short adapters. The sound-reduced wall pipe has a standard length of 400mm. The pipe can however easily be cut to requested length (max.1200mm).

#### Mounting

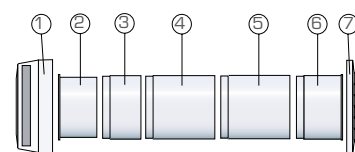
A high placing is recommended, preferably above a radiator. With this solution the incoming air get mixed with the convection flow of warm air, ensuring maximum comfort.

The vent can also be used in rooms with underfloor heating as long as the bottom-opening of the vent is covered with two air-direction plugs.

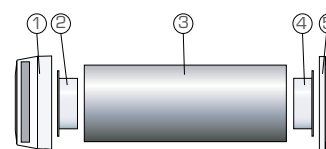
| TL80P |                            |        |
|-------|----------------------------|--------|
| Pos.  | Description (mm)           | Art no |
| 1     | TL-P internal part         | 249800 |
| 2     | Adapter 8 int. Ø81 x 90    | 660890 |
| 3     | Wall pipe Ø81/85 x 75      | 660875 |
| 4     | Wall pipe Ø81/85 x 150     | 800150 |
| 5     | Adapter 8 ext. Ø81/85 x 90 | 660892 |
| 6     | External grille #150       | 801701 |



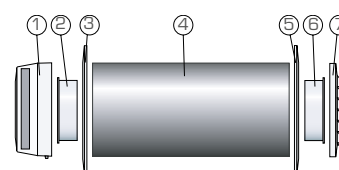
| TL98P |                                     |        |
|-------|-------------------------------------|--------|
| Pos.  | Description (mm)                    | Art no |
| 1     | TL-P internal part                  | 249800 |
| 2     | Adapter 10 int. with rainstop 98x60 | 661061 |
| 3     | Wall pipe Ø98/102 x 50              | 661050 |
| 4     | Wall pipe Ø98/102 x 100             | 188009 |
| 5     | Wall pipe Ø98/102 x 100             | 188009 |
| 6     | Adapter 10 ext. 102x60              | 661063 |
| 7     | External grille #150                | 801701 |



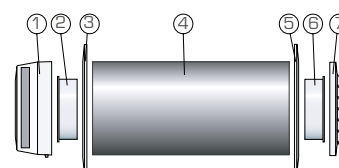
| TL80P-dBS |                            |        |
|-----------|----------------------------|--------|
| Pos.      | Description (mm)           | Art no |
| 1         | TL-P internal part         | 249800 |
| 2         | Adapter 8 internal 81x30   | 660830 |
| 3         | dB-S pipe Ø80/124, L=400mm | 668003 |
| 4         | Adapter 8 internal 81x30   | 660830 |
| 5         | External grille #150       | 801701 |



| TL80P-dB |                          |        |
|----------|--------------------------|--------|
| Pos.     | Description (mm)         | Art no |
| 1        | TL-P internal part       | 249800 |
| 2        | Adapter 8 internal 81x30 | 660830 |
| 3        | Cover plate #180 mm      | 661801 |
| 4        | dB-pipe Ø81/148, L=400   | 806004 |
| 5        | Cover plate #180 mm      | 661801 |
| 6        | Adapter 8 internal 81x30 | 660830 |
| 7        | External grille #150     | 801701 |

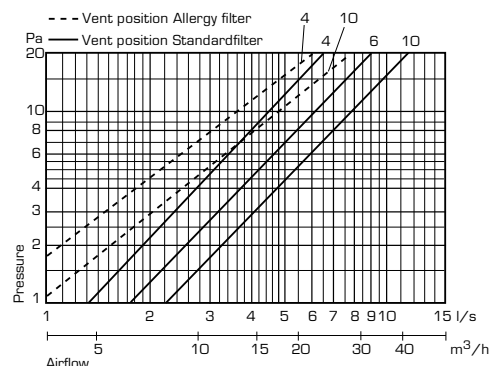


| TL98P-dB |                              |        |
|----------|------------------------------|--------|
| Pos.     | Description (mm)             | Art no |
| 1        | TL-P internal part           | 249800 |
| 2        | Adapter 10 internal Ø98 x 30 | 661030 |
| 3        | Cover plate #180             | 661801 |
| 4        | dB-pipe Ø98/148, L=400       | 855004 |
| 5        | Cover plate #180 mm          | 661801 |
| 6        | Adapter 10 internal Ø98 x 30 | 661030 |
| 7        | External grille #150         | 801701 |

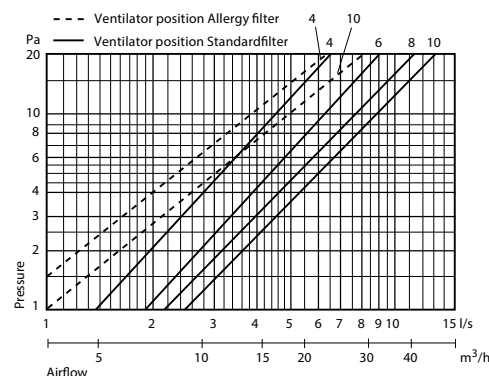


| Technical data                                 |                          |
|--|--------------------------|
| Material:                                      | ABS plastic (recyclable) |
| Colour:  | White, RAL 9010          |
| Capacity TL80P at 10 Pa:                       | 7,8 l/s                  |
| Capacity TL98P at 10 Pa:                       | 8,8 l/s                  |
| Wall opening TL80P:                            | Ø86mm                    |
| Wall opening TL98P:                            | Ø105mm                   |
| Wall opening TL80P-dBS:                        | Ø125mm                   |
| Wall opening TL80P-dB, TL98P-dB:               | Ø150mm                   |
| Max wall thickness TL80P (standard):           | 310 mm                   |
| Max wall thickness TL98P (standard):           | 350mm                    |
| Additional pipes can be used for thicker walls |                          |
| Max wall thickness dBS-models (standard):      | 400mm                    |

### Capacity TL80P

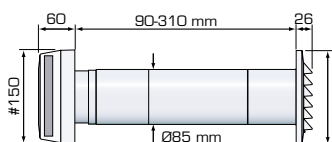


### Capacity TL98P

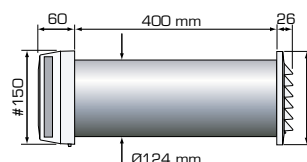


### Dimensions

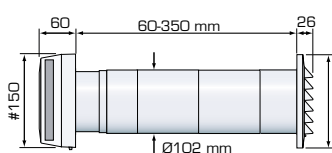
#### TL80P



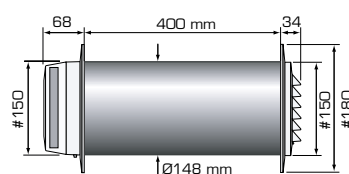
#### TL80P-dBS



#### TL98P



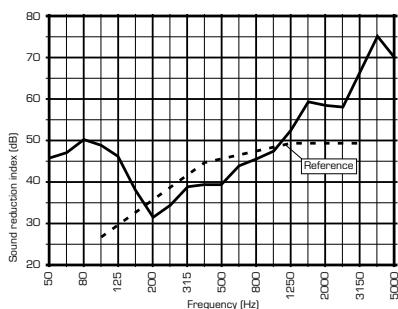
#### TL80P-dB, TL98P-dB



### Sound data

Sound reduction with fully open ventilator and 400 mm wall. The test has been made according to ISO 140-10. Normalized level diff. for building section, calculation based on 10 m<sup>2</sup>.

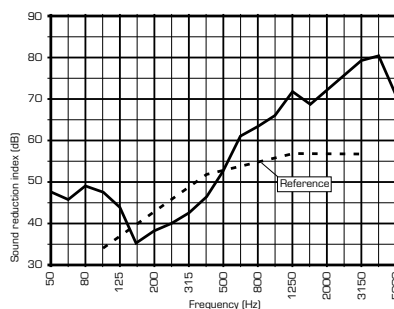
#### TL80P-dBS



$D_{n,e,w}$  45 dB  
 $D_{n,e,w,B}$  45 dB

(C;Ctr) (0;-3) Sum. Dev. 24,5  
 (C;Ctr) (1;-3) Max. Dev. 5,4  
 50-5000 Frequency 500

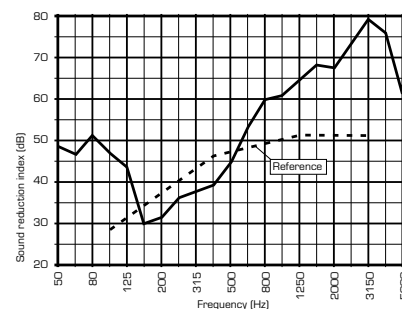
#### TL80P-dB



$D_{n,e,w}$  53 dB  
 $D_{n,e,w,B}$  53 dB

(C;Ctr) (-1;-5) Sum. Dev. 28,3  
 (C;Ctr) (0;-4) Max. Dev. 6,3  
 50-5000 Frequency 315

#### TL98P-dB

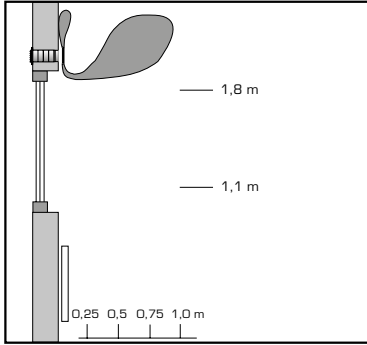


$D_{n,e,w}$  47 dB  
 $D_{n,e,w,B}$  47 dB

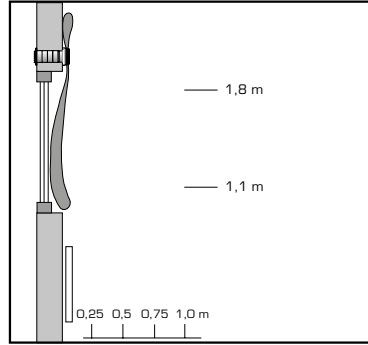
(C;Ctr) (-1;-4) Sum. Dev. 27,1  
 (C;Ctr) (0;-4) Max. Dev. 6,7  
 50-5000 Frequency 315

### Distribution pattern

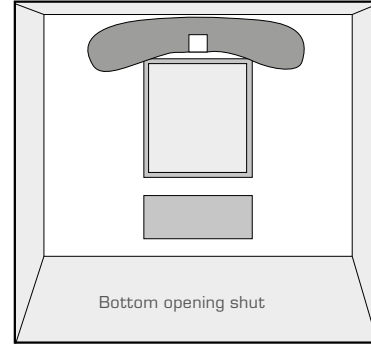
As shown in the diagrams below TL-P can handle up to 8 l/s even at -20°C without any draught problems. The shaded areas indicates air movements above 0.15 m/s.



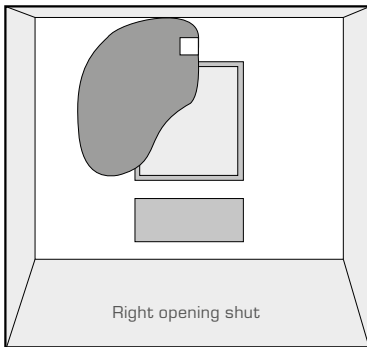
**Radiator heat, from the side**  
Airflow 8 l/s, indoor temperature +20°C  
Capacity of radiator 750 W,  
Outdoor temperature -20°C



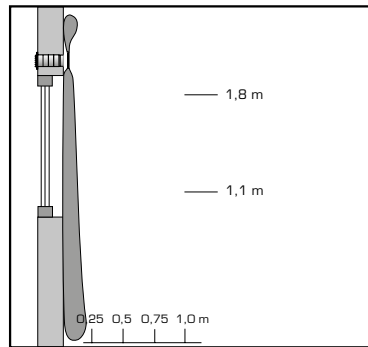
**Radiator heat, from the side**  
Airflow 8 l/s, indoor temperature +20°C  
Capacity of radiator 400 W,  
Outdoor temperature ±0°C



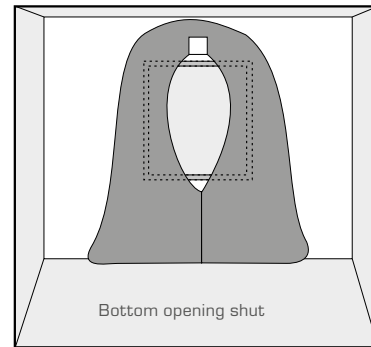
**Radiator heat, from the front**  
Airflow 6 l/s, indoor temperature +20°C  
Capacity of radiator 400 W.  
Outdoor temperature ±0°C



**Radiator heat, from the front**  
Airflow 6 l/s, indoor temperature +20°C  
Capacity of radiator 400 W,  
Outdoor temperature ±0°C



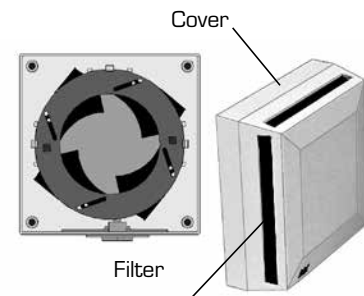
**Floor heating, from the side**  
Airflow 8 l/s, indoor temperature +20°C  
Floor heat 60 W/m<sup>2</sup>,  
Outdoor temperature -10°C



**Floor heating, from the front**  
Airflow 8 l/s, indoor temperature +20°C  
Floor heat 60 W/m<sup>2</sup>  
Outdoor temperature -10°C

### 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. The filter is mounted inside the cover and is easily removed by hand.



### Accessories



**Wall pipe**  
Available in different sizes and lengths.



**Cover plate**  
Available in different sizes and colours.



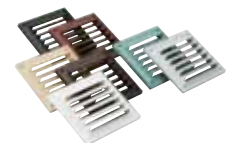
**Storm shield**  
Ø98mm  
Protection against heavy winds and water penetration.



**Filters**  
Standard and Allergy (EU3).



**Rain-shield**  
designed for weather-exposed areas.



**External grille**  
Available in different sizes and colours.