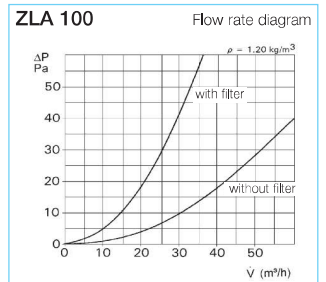
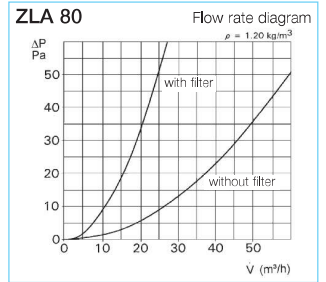
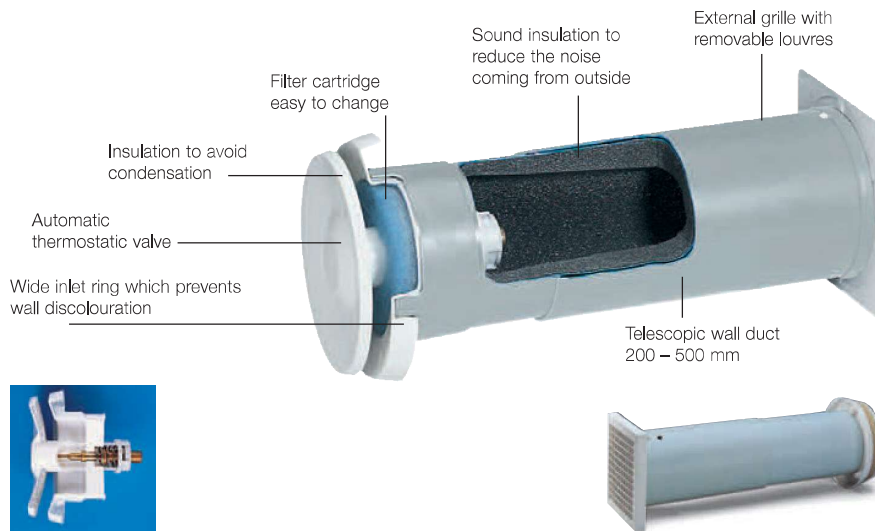


### ZLA



**Special features – Operation**  
Universally adaptable temperature controlled supply air unit. The energy saving, thermostatic supply valve provides a continuous air exchange at highest efficiency. The supply air volume is controlled depending on the outside air temperature, without any electrical connection. The supply air is evenly distributed, filtered (class G 3) and attenuated.

**Advantages**

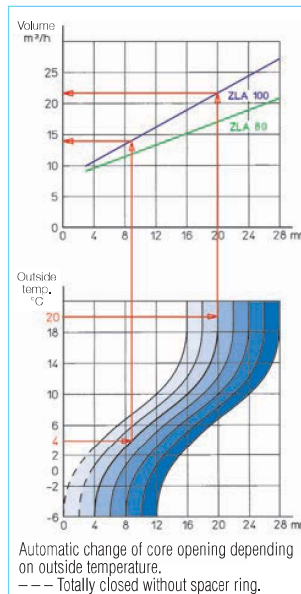
- Fully automatic, on demand air flow control.
- Maintenance free, no running cost.
- Individual air flow volume adjustment by rotating the central core.
- Telescopic wall duct, made of polymer for wall thicknesses between 200 to 500 mm.
- High sound insulation via the built-in attenuator.
- Easily removable filter.
- No electrical supply required.
- Quick and easy installation.

**Function**

The thermostat operates automatically within a temperature range of  $-6\text{ °C}$  to  $+20\text{ °C}$ . Within this range air flow volumes between 0 and  $30\text{ m}^3/\text{h}$  are achieved conforming to DIN guidelines. See performance diagrams on the right. In its standard setting the valve closes completely at outside air temperature of approx.  $-4\text{ °C}$ . A minimum supply air rate is allowed by the 4 mm wide distance clip. The initial setting of the valve can be changed manually by rotating the centre core. One full rotation equals to a variance of 4 mm gap (see blue marked areas in diagram).

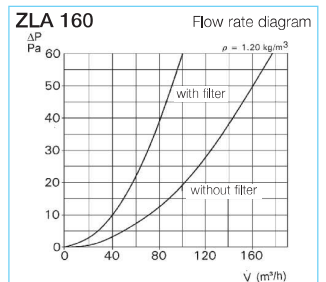
**Installation**

Suitable for wall or ceiling openings. Telescopic duct should be inserted from outside and the cover grille should be screwed on. Duct to be cleaned and the valve to be inserted from inside.



**Note**

The number of supply air units is to be defined according to DIN 1946, T.6 (see chart on the left page).



**Performance data**

The air flow volume depending on pressure difference is determined by the opening gap of the valve plate. The performance values can be seen from the diagrams above.

**Accessories**

**Spare filters class G 3**  
Contents: 10 pcs.

- Type ELFZ 80** Ref. no. 0339
- Type ELFZ 100** Ref. no. 0340
- Type ELFZ 160** Ref. no. 0341

**Ordering data**

Type	ZLA 80	ZLA 100	ZLA 160
Ref. no.	0214	0215	0216
Volume max. with filter m³/h	25	35	100
Duct nominal size (mm)	80	100	160
Wall penetration Ø mm	96	115	175
Ø A mm	147	147	207
B mm	49	49	50
C mm	260–500	260–500	260–500
D mm	107	140	190
E mm	3	15	24
Weight approx. kg	0,7	0,8	1,6

Sound insulation value  $D_{n,e}$  30 to 35 dB (depending on installation or wall thickness; corresponds to double glazing acc. to VDI 2719 protection class 2 or 3).

