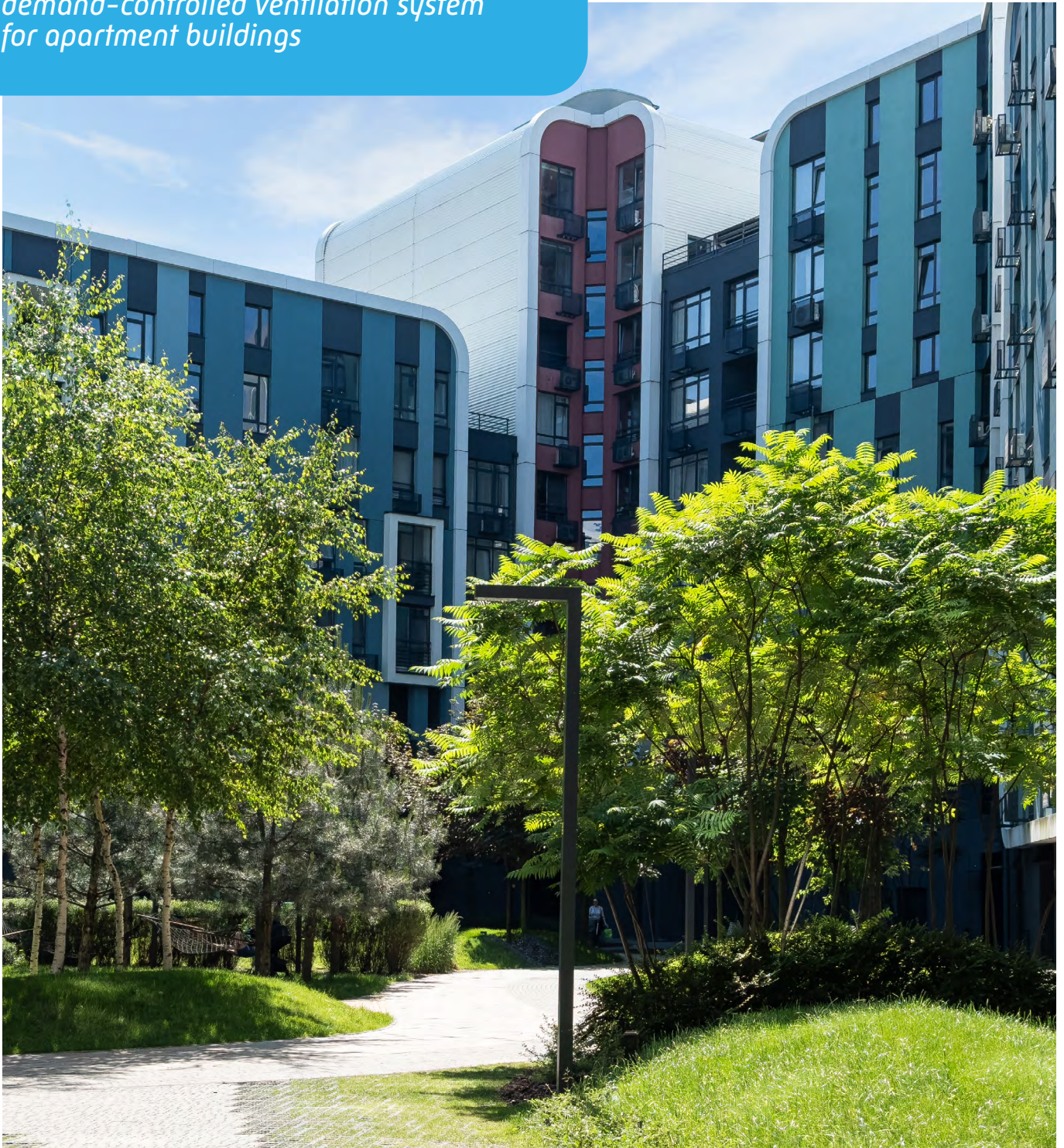


SkyFlow

*The innovative adaptive and
demand-controlled ventilation system
for apartment buildings*



Installer and resident comfort come together in new ventilation solution

Ned Air introduces SkyFlow, the innovative ventilation system that optimally responds to the conditions and needs in apartment buildings. In combination with its centrally controlled air handling unit, Ned Air offers a complete ventilation concept in which installers and resident comfort come together completely.



Supply of clean fresh air

Apartment buildings are usually equipped with a central balance ventilation system. From the mostly roof-mounted air handling unit, clean fresh air is supplied to the flats through optimum ventilation. Heat recovery is used to save energy.

Remote monitoring

In order to enable variable ventilation SkyFlow valve modules are equipped with their own demand-controlled control. This can be easily accessed and monitored remotely online. In this way, installers can adjust the system and quickly analyse unexpected malfunctions and take appropriate action.

- Silent
- Maintenance-free
- Compact

No maintenance behind the front door

As apartment buildings continue to grow in size, maintenance companies increasingly have to deal with hundreds of residents, with whom separate maintenance agreements usually have to be made. SkyFlow overcomes this complex task. The valve modules in the houses are basically made maintenance-free. The air filters are placed in the central air handling unit and not in the valve modules themselves, eliminating the need to replace filters behind front doors.

Fresh air and comfort

In each apartment, there is a choice of a 1-zone system with 2 valve modules or a 2-zone system with 3 valve modules. The system features a demand-controlled controller, which easily can be placed between the ventilation supply and exhaust. By adding temperature, CO₂ and relative humidity sensors, each zone is demand-controlled ventilation. Thanks to the built-in sensor in the valve module, the system ensures that ventilation is always balanced. High comfort is achieved through good humidity regulation and the right amount of clean and fresh air. The system also operates completely silently due to the absence of a fan and air filter. Using a remote control, the resident can temporarily override the control and adjust the ventilation to his/her own comfort.

Energy-efficient

SkyFlow can be equipped with an adaptive demand-controlled controller. This regulates the entire system so that pressure losses in the air ducts are minimal. As the valve position is always optimal, the energy consumption of the central air handling unit is greatly reduced.

Compact design, maximum mounting freedom

The SkyFlow valve modules are lightweight and compact in design. Mounting takes place on the wall or on the ceiling, so residents are not inconvenienced when furnishing their apartment.

Positive BENG score

Ned Air SkyFlow has a declaration of equivalence by BCRG. This shows that SkyFlow makes a very positive contribution to the BENG score. Ned Air SkyFlow is easy to select in the attested software programmes, such as Vabi EPA NTA 8800.