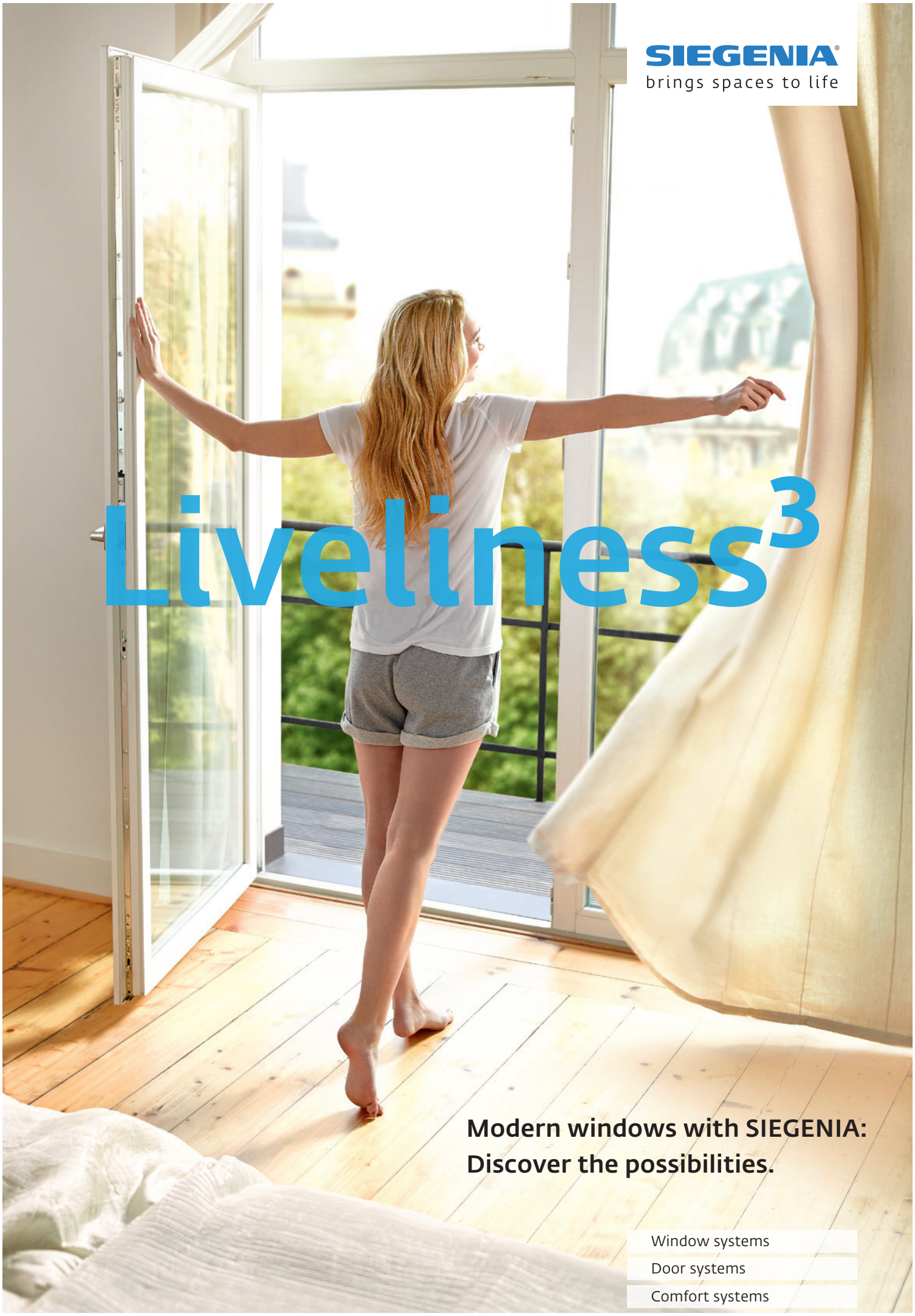

SIEGENIA®
brings spaces to life
Liveliness³
Modern windows with SIEGENIA:
Discover the possibilities.
Window systems
Door systems
Comfort systems

Windows that provide ease of use and more protection: that's what we call room comfort.

If you ask anyone what windows consist of, the first answer is usually "glass and frames". But the hardware makes the decisive difference in quality of windows. SIEGENIA has represented this difference in quality for more than 100 years. Because the hardware determines how securely a window protects against burglary. How much or how little money you throw out of the window during heating. How easily and in particular how durably easily the window can be operated. To put it briefly: the hardware is the heart of the window.

Ventilation and energy efficiency

With SIEGENIA the majority of heating energy remains in the home. Because windows, which open inwardly and are equipped with SIEGENIA hardware, are wind and weatherproof. This makes them the perfect green building elements.

Convenient operation and barrier-free system

Architecture is exiting with large windows. Even large sash weights of up to 300 kg can be operated comfortably and safely with the SIEGENIA hardware.

Design

Perfect design due to clear design language: any window technology can be concealed in the profile with modern hardware from SIEGENIA.

Security and burglar resistance

Security against the average more than 125,000 burglaries every year alone in Germany. 80 % of these burglaries are committed through unsecured windows and doors. SIEGENIA secures these with security hardware, which causes perpetrators to despair.

Smart Home

For enhanced intelligent living, windows with SIEGENIA hardware can easily be monitored via app, operated with your finger tip and integrated in the home technology: due to smart sensors and motorised drives, invisibly integrated in the window.

Well thought out, such a hardware system.

If you look more closely, a small technical masterpiece is hidden behind every modern turn-and-tilt window. Because there are many individual mature hardware components, which do their bit towards your enhanced comfort and convenience day by day. Finally, it is a perfectly coordinated interaction, in which the high-quality fitting technique, security, comfort, energy efficiency and design is harmonised in the best possible way.
Windows with SIEGENIA hardware are particularly secure and smooth to operate. Our comfort mushroom cams make a decisive difference in quality. Arranged around the window, these unique locking points with their mushroom-shaped head, roller function and the automatic height adjustment provide an optimally adjusted closing system at any time.

Maximum security due to robust locking points

High ease of use due to a permanently smooth-running closing system which independently compensates tolerances and provides special compression and more energy efficiency at the same time

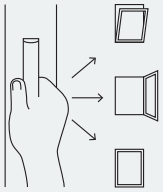
Simple changeover between summer and winter gap opening due to controllable opening width

Perfect design due to concealed pivots

Long service life due to the high load capacity of the bottom hinge, even for large and heavy windows

Really clever, such a turn-and-tilt window.

The intelligent turn and tilt system with a lot of benefits.



Convenient one-hand operation.
Opening, tilting and closing even heavyweight windows – inconceivable without the SIEGENIA quality standard.

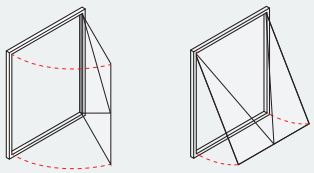
Integrated ventilation function.
Turn-and-tilt windows in the tilt position guarantee pleasant basic ventilation. Additional advantages in comparison with turn-only windows: ventilation is possible without problems even in case of driving rain or snow.

No problems with fly screens.
In contrast to windows that also open outwards, turn-and-tilt windows can be opened and closed without problems even if an insect protection screen is mounted on the outside.

Easy to clean from the inside.
Window cleaning is safe and easy due to the inward opening turning position.

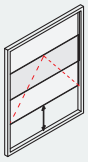
Unrivalled compression.
Only inward opening windows achieve the compression against air and water required for energy-efficient building. This minimises energy loss and makes modern turn-and-tilt windows into decisive green building elements.

Especially long service life.
The turn and tilt system prevents abrasion of the elastic sash rebate seals. This means that optimum compression with minimum wear is achieved in the long term with a well adjusted window. Below the line, this also benefits the environment because particularly long-lasting windows consume much fewer resources.



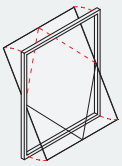
Outward-opening windows:

- problems with roller shutter and other blinds
- limited opening width and restricted filed of vision
- difficult to clean from the outside
- danger for outsiders if the window sash comes loose



Vertical sliding windows:

- abrasion of the elastic sash rebate seals, hence susceptible to wear
- bad sound insulation
- difficult to clean from the outside



Pivoting sash:

- difficult to clean
- difficult operation

Really convincing are the many possibilities.

The opening type "turn and tilt" alone offers great benefits in the smallest space. But this is nowhere near everything. A wide range of SIEGENIA innovations and consistent further developments open up completely new possibilities for you today. Special accessories and intelligent supplementary products support you in the implementation of your individual living ideas and provide a a major plus-point with regard to security, comfort and quality of life every day. Turn your four walls into a home with noticeably high room comfort.Turn your four walls into a home with noticeably high room comfort.

Security and burglar resistance
- Effective protection against burglary, wind and weather
- Providing fresh air whilst providing burglar-resistance

Convenient operation and barrier-free system
- Absolute barrier-free system
- Protection against unauthorised opening
- Protection against misuse
- Permanent ease of operation
- Flexible opening widths
- Weatherproof surfaces

Design
- Invisible technology

Smart Home
- Smart monitoring via app

Ventilation and energy efficiency
- Ventilation with high energy efficiency
- Automatic radiator control
- Controllable tilt opening width

Effective protection against burglary, wind and weather.

Burglar protection up to RC3 and high compression

Better safe than sorry. According to the accessibility of the window, different security levels are necessary in order to protect your home against even professional burglary attempts. The focus is on the hardware: the greater the number of locking points, the better. When you open your windows with SIEGENIA hardware inwards, the high compression provides optimum protection against severe wind and weather conditions.

Providing fresh air whilst providing burglar-resistance.

Secured night vent

High intruder protection and healthy ventilation are no longer a contradiction in terms. Because SIEGENIA offers you the opportunity to leave your window opened a gap wide and still be well protected against burglary or vandalism, driving rain or draughts. In this way you can sleep calmly or leave your home feeling relaxed whilst you ensure a good and healthy indoor environment with fresh air.

Absolute barrier-free system.

Floor-level thresholds

Those who today are already thinking about tomorrow or are living with physical disabilities, rely on operation-friendly and barrier-free solutions in the planning of their living space. It is the special windows and patio doors that decisively simplify everyday life: for example, windows with easily reachable handles, which can be operated without effort, and barrier-free patio doors with a floor-level threshold that enables free access.

Protection against unauthorised opening.

Lockable handles

Completely opened windows present a source of danger especially in children's rooms. You can enhance the safety with lockable window handles. According to the version, you can decide that although locked turn-and-tilt windows tilt inwards, they can only be completely opened with the key. At the same time, you will avoid windows being left open unnoticed and therefore "inviting" burglars.

Protection against misuse.

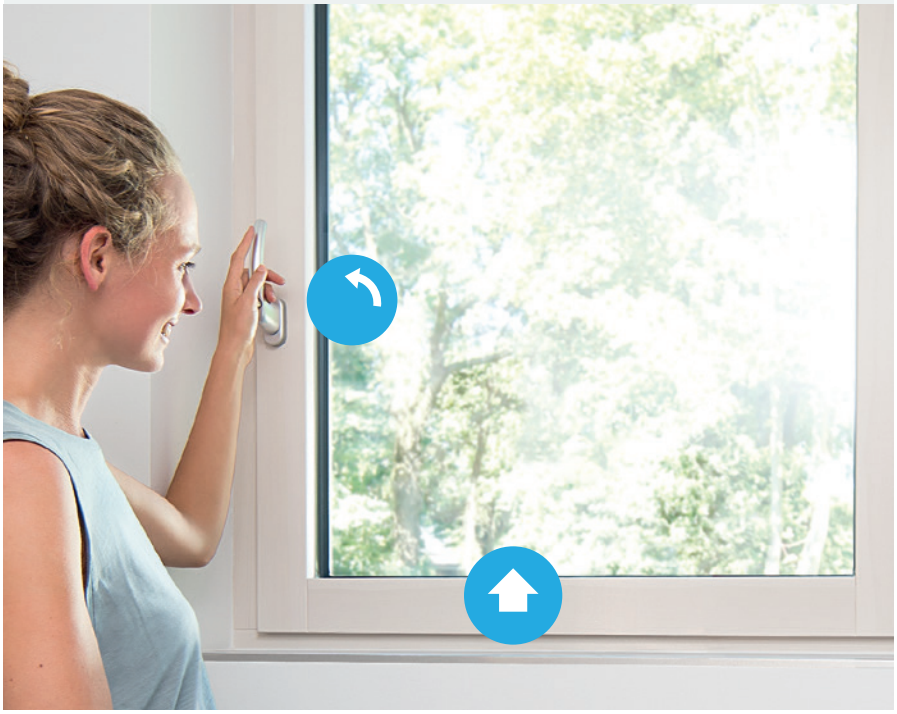
Mishandling device
Maximum operating safety counts for windows. In the best case, this protects the user from his/her own mistakes – for example, excessively hasty activation of the window handle when changing from the turn to the tilt position.

Permanent ease of operation.

Sash lifter
In particular, wide window sashes can sag during everyday use. This increased wear and reduces the ease of use. For this purpose, the special SIEGENIA components lift the sash slightly during every closing process, thus ensuring consistently smooth sliding into the frame.

Flexible opening widths.

Brake stay
With special accessories, opened sashes can easily be fixed into the required turning position using the window handle. This means that you can adapt the opening width to the relevant space situation and prevent the window from suddenly opening or slamming shut in case of wind bursts.



COMFORT

Weatherproof surfaces.

Materials and surfaces
Particular climatic conditions always present special requirements for the material of your windows. Window hardware in coastal vicinity should be permanently protected against severe weather impacts. The special surfaces of SIEGENIA hardware offer an optimum solution that is also optically convincing.

DESIGN

Invisible technology.

Concealed hardware
Less is often more for a perfect design. Every fitting technique can therefore be concealed in the window. The invisible pivots open up whole new opportunities for clear and contemporary room design - extending to windows completely flush-mounted in the wall.
Opt for a minimalistic window design that gives wings to your living ideas.

SMART HOME

Smart monitoring via app.

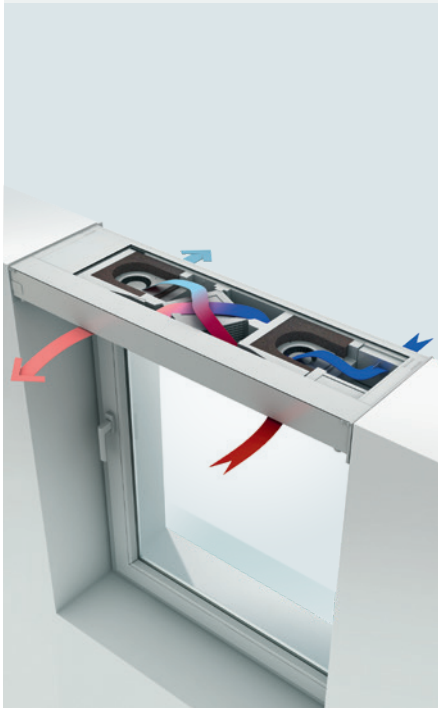
SIEGENIA Comfort
When leaving your home or when you are out and about: with the SIEGENIA Comfort app and the concealed integrated window sensors senso secure, you know at a glance whether all windows are properly locked. The vibration sensor signals the quietest burglary attempt via push-message and triggers an alarm tone.

VENTILATION & ENERGY EFFICIENCY

Ventilation with high energy efficiency.

Intelligent window ventilators

Innovative ventilation units for installation in the window or in the window periphery enable effective protection against pollen and noise as well as a healthy indoor environment. They are also the key to the reduction of your heating costs. The heat in the used exhaust air is transferred to the inflowing fresh air through a special heat exchanger, allowing the fresh air to be pre-heated. For a healthy indoor environment, sustainable building protection and special energy efficiency.



Automatic radiator control.

Window control

When you open the window, you often forget to turn down the heating, meaning that precious heat leaves your home with the indoor air. There are magnetic switches integrated in the window to save money and protect the environment. They are connected to radiator valves via a remote monitoring unit in order to close them automatically when the window is open.

Controllable tilt opening width.

Energy saving stay

The relevant season has a great influence on the volume and speed of the inflowing air in case of tilt ventilation – and therefore on the energy efficiency and cosiness of the indoor environment. The opening width of the window must be specifically regulated in order to coordinate the fresh air supply with the outside temperature. Preferably conveniently and without the need for tools with only one hand grip.

Really free, the design.

It doesn't matter whether you decide on timber, PVC or aluminium windows. Whether you want to renovate historical buildings or achieve modern architecture with particularly large window surfaces. Whether you need special designs or especially narrow profiles with the hardware fully concealed. Or whether you want to combine windows with motorised drives to create a barrier-free system or control inaccessible windows:

SIEGENIA opens up an incomparable diversity of design possibilities. For all the diversity, one thing remains unchanged: the highest quality – with regard to security, comfort or a long service life.

Modern turn-and-tilt windows mean that any compromises concerning form and design are a thing of the past - thanks to the hardware solutions from SIEGENIA.

Countless possibilities with turn and tilt:

Single-sash windows

Double-sash windows

Round arch windows

Pitched windows

Windows with special dimensions

Checklist for your window purchasing.

1. Which window material do you prefer?

- ☐ Timber
- ☐ PVC
- ☐ Aluminium
- ☐ Aluminium-Timber
- ☐ Aluminium-PVC

2. Which weather conditions are your windows exposed to?

- ☐ Inland and continental climate
- ☐ Coastal vicinity
- ☐ Mountainous region / building height over 25 m

3. How secure should your windows be?

- ☐ Resistance class 1 (RC1 N)
  Basic protection against break in attempts with physical violence and vandalism
- ☐ Resistance class 2 (RC2)
  Additional protection against simple tools like screwdrivers (recommended as minimum protection)
- ☐ Resistance class 3 (RC3)
  Additional protection against heavy tools like jemmies

4. Which additional functions should be fulfilled by your windows?

More security:

- ☐ windows that can be controlled from anywhere
- ☐ lockable handles
- ☐ additional protection against misuse

More comfort:

- ☐ Motorised drives
- ☐ permanent ease of operation due to sash lifter
- ☐ barrier-free system
- ☐ flexible opening widths

More energy efficiency:

- ☐ window ventilators with heat recovery
- ☐ automatic radiator control
- ☐ controllable tilt opening width

More design:

- ☐ concealed pivots

Really versatile: hardware for doors and sliding doors.

The key to secure doors:
KFV door hardware.

The heart of modern doors is also high-quality hardware – preferably a robust multi-point lock for outside doors. In this way you will thwart any burglary attempts and also benefit from maximum ease of use. Innovative outside doors lock as soon as they close and conveniently open by pressing a button. KFV door hardware also offers individual freedom of design and can be integrated and concealed.

Operating large sliding elements easily and safely:
PORTAL sliding door hardware.

You will achieve a flowing transition from the interior to the garden or the patio due to large sliding doors with an opening width of up to 12 m. This adds more freedom, light and comfort, but also much more weight to the living space. PORTAL sliding door hardware from SIEGENIA is available in a wide range of opening types and they ensure especially smooth-running and safe operation of sash weights up to 400 kg. Discover the diverse possibilities of modern fitting technique at **www.siegenia.com**

SIEGENIA®
brings spaces to life

Headquarters:
Industriestraße 1–3
57234 Wilnsdorf, Germany
GERMANY

Tel.: +49 271 3931-0
Fax: +49 271 3931-333
info@siegenia.com
www.siegenia.com/en

Contact your dealer:

Technical specifications and colours are subject to change.