

POLOPLAST at ISH Frankfurt: POLOPLAST exhibition stand, hall 5.0, stand A10

The world's leading trade fair for HVAC and water, from 11th to 15th March 2019

POLOPLAST inspires and delights visitors to ISH Frankfurt 2019 with the unrivalled quality of the building drainage systems POLO-KAL XS, POLO-KAL NG and POLO-KAL 3S.

The slim and innovative **POLO-KAL XS continues to prevail as the number one** in terms of saving space and time, thus making it ideally suited for prefabricated construction. In addition, POLOPLAST presents the comprehensive system **POLO-KWL for high-comfort residential ventilation**, which ensures even more comfort in the living space with consistently high quality and impeccable air hygiene.

Since 1957, POLOPLAST and its premium brand POLO-KAL® have repeatedly redefined the highest quality standard in plastic building drainage pipe systems. This represents more than 60 years of innovative spirit and experience in the multi-layer production of pipe systems.

Advantages of POLO-KAL®:

- Simple and fast processing
- Safety during assembly and permanently leakproof connection
- Expertise and safety
- Highly sound-insulating
- Depth of product range and variety of applications
- Multi-layer technology with plastic compositions optimised for all applications
- 20-year manufacturer's warranty
- System-tested fire protection solutions
- Compatibility of all systems
- Environmentally friendly, because it is free of PVC and halogens

POLO-KAL® is not simply a domestic drainage pipe, but a comprehensive system with countless components that have been precisely coordinated and have proven their worth in millions of cases. The resulting simple and fast processing combined with the safety of the assembly emphasise the devotion to professionalism in your work.



POLO-KAL® pipe system:
POLO-KAL XS, POLO-KAL NG und POLO-KAL 3S

POLO-KWL – High-comfort residential ventilation

The system produced by the quality leader

POLOPLAST offers a fully developed comprehensive system for controlled building ventilation – from planning to commissioning, servicing and cleaning, right through to the ventilation unit itself. The fact that all the components come from a single source results in seamless high quality and perfect interaction between the individual parts. In this system, POLO-KAL® pipes serve as an air distribution system of the highest quality, with impeccable performance in terms of hygiene.

Optimal hygiene and easy to clean:

The POLO-KAL® air distribution system

POLOPLAST has been producing high-tech 3-layer plastic pipes in uncompromising quality for 25 years. And that is precisely what is of vital importance for a residential ventilation system to function optimally: circular pipe profile for minimum flow resistance and low power requirement from the fans. Ultra-smooth inner surface to prevent dust from sticking for lasting high performance and first-class air hygiene.

Energy efficiency and simple maintenance:

The POLO-AIR ventilation unit

Selecting the right ventilation unit always depends on the specific purpose. Offering various technologies and different dimensions, POLOPLAST's ventilation units perfectly meet all the requirements, from apartments to detached and semi-detached houses, through to smaller commercial properties.

Save on energy costs with the POLOPLAST geothermal heat exchanger

To round off the comprehensive system, POLOPLAST supplies the geothermal heat exchanger in two different versions: air or brine geothermal heat exchangers.

In a nutshell

Besides the many general advantages of a controlled residential ventilation system, the comprehensive POLOPLAST POLO-KWL system stands out particularly in the following areas:

- **fully developed comprehensive system**, no additional pipe material or tools required
- **easy assembly** and elimination of potential errors thanks to reliable plug-in socket technology
- **quick installation** and no additional cabling work thanks to the plug & play system
- **premium quality**, in accordance with DIN 1946-6, and hygiene certification
- **one contact person** from planning to commissioning and through to maintenance
- **tried and tested POLOPLAST pipe technology** with a unique 20-year warranty*

** for the entire installed pipe system*



POLO-KWL comprehensive system

POLO-KLIMA

PP-R HVAC pipe system

POLO-KLIMA is a plastic pipe system specially developed for air-conditioning applications. Thanks to the innovative technology and excellent material properties, the extremely resistant and durable system represents a big leap into the future of HVAC installations. This new PP-R pipe system not only improves the quality of the living and working environment for the people in the building, but it also simplifies the installation.

Many years later:

Still as good as new

With POLO-KLIMA, brittle pipes and corrosion have become a thing of the past. Boasting an extremely long service life and a fully developed and comprehensive range of pipes and fittings from one single supplier, POLO-KLIMA excels for every type of installation.

Numerous applications

POLO-KLIMA is suitable for various applications:

- chilled water systems
- district cooling pipelines
- process water cooling
- air-conditioning system piping
- irrigation
- agricultural applications



POLO-KLIMA HVAC pipe system

As a provider of plastic pipe systems, compounds and polymer engineering, POLOPLAST – which can look back upon 60 years of company history – is regarded as a leading European plastics specialist. The company focuses on plastic pipe systems for building services engineering, water supply systems and sewerage systems. An innovative spirit, strong technology leadership, and a pronounced emphasis on sustainable thought and action are among the trademarks of this Austrian company.



POLO-KAL XS pipes and fittings

POLO-KAL XS, POLO-KAL NG
and POLO-KAL 3S

POLO-KWL high-comfort residential ventilation



POLO-KLIMA

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