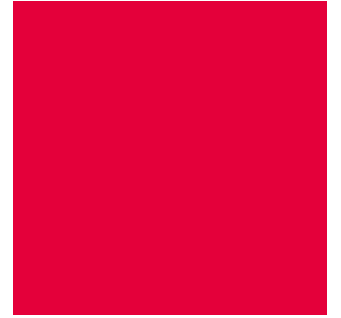
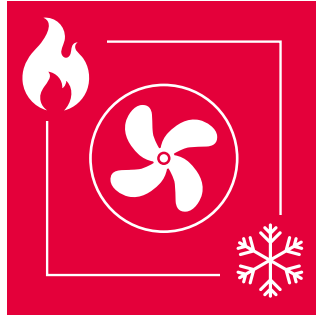




DIRAK®

**LOCKING SOLUTIONS FOR
HEATING, VENTILATION AND
AIR CONDITIONING (HVAC)**



Our Products Meet all Heating, Ventilation and Air Conditioning Requirements

Air conditioning units not only regulate the climate, they are also exposed to it. They ensure that the room temperature and climate in large buildings such as hospitals or supermarkets remain within the optimum range. To achieve this, a large part of the sensitive technology is located on the roofs of buildings and requires special protection.

As an experienced partner, we support suppliers in the field of air conditioning technology with tailor-made solutions. We offer important advantages such as IP protection, weather resistance, secure closure, and high compression. This protects the expensive technology and enables a long functional life.



IP protection

Air conditioning units and ventilation technology are usually located on roofs and are therefore exposed to the weather. To ensure that the systems function smoothly, our closure solutions also meet high IP protection classes thanks to their high-quality workmanship, thus keeping out dust and moisture.



Corrosion resistance

Corrosion resistance is a must in outdoor areas. We therefore only use high-quality raw materials for our products, which we also treat with a UV-resistant powder coating.



Weather resistance

Heavy rain, snow and hail, temperature changes, direct sunlight and dirt – harsh weather conditions affect outdoor systems and locking technology. For this reason, we use high-quality materials such as stainless steel or powder-coated zinc die to ensure a long product service life even under these conditions. We also offer push-on profiles made of synthetic rubber.



Compression

Thanks to high compression, our solutions also ensure uniform contact pressure and maximum tightness to protect the high-quality technology of the air conditioning units from dirt and water. Thanks to flexible installation options, they also adapt ideally to the respective conditions and offer a high level of convenience when opening and closing.



Adjustability

With our solutions, users can adjust the contact pressure precisely to the seal. For example, 3D hinges and compression latches are available for this purpose. The 2D and 3D hinges also allow doors to be optimally aligned in place.

Always the Right Product for your Application

Our closure solutions for HVAC applications are more than just functional components—they are well-designed system modules that not only feature a modular design, but also combine safety, efficiency, and flexibility.

Modularity for maximum flexibility

Our products have a modular design and can be customized to suit any enclosure size, opening direction, and installation situation. This enables tailor-made solutions that can be seamlessly integrated into existing systems. They also offer secure locking for insulated and pressurized doors of various thicknesses. In order to cope with different pressure conditions – such as negative pressure (underpressure) or positive pressure in HVAC enclosures – we offer models for both inward and outward opening doors. This ensures functionality at all times, even under demanding operating conditions.

Patented emergency release for maximum safety

In critical moments, every second counts: our patented emergency release with integrated push button enables quick and safe opening, even in the event of a power failure, external locking, or an emergency. The release is designed so that it can be operated from the inside at any time – a decisive advantage when people are in maintenance areas or technical rooms. This ensures that people are not locked in through no fault of their own and can leave the facility quickly in an emergency.

Plastic axles to prevent cold bridges

In HVAC systems, especially in outdoor units, thermal separation between the interior of the housing and the outside environment plays a crucial role. Conventional closures with metal axles conduct the outside temperature directly into the interior of the housing, promoting condensation or even icing. Our solution: plastic axles with low thermal conductivity. Unlike metal, plastic hardly conducts heat or cold. This means there is no continuous connection between the inside and outside, which effectively prevents the formation of cold bridges. This protects the technology from moisture damage and improves the energy efficiency of the entire system.



New Products from Spring 2026

Heating, Ventilation and Air Conditioning Technology

2D/3D Hinge

- 2D/3D screw-on hinge, adjustable
- Teeth in the adjustment bushings and the slotted holes in the hinge halves reliably prevent the hinge from slipping
- Full-surface contact of the screw head in the adjustment bushings
- 3D adjustability possible using an additional alignment plate
- Drill hole center distances identical to those of the locking hinge with pressure relief
- Material:
 - Hinge halves: zinc die, black
 - Alignment plate: Steel, zinc plated



Locking Hinge with Pressure Relief

- Screw-on hinge with locking function
- 2D adjustable
- Teeth in the adjustment bushings and the slotted holes in the hinge halves reliably prevent the hinge from slipping
- Full-surface contact of the screw head in the adjustment bushings
- For inserts
- Overpressure relief function
- Latch with push-to-close function for easy closing by pressing
- 4.3 mm compression
- Drill hole center distances identical to those of the 2D / 3D hinge
- Material:
 - Hinge halves: PA, black, UL 94 V0
 - Actuator: zinc die, black



Climate Handle

- Handle for installation on the outside of the door
- Without lock or lockable with
 - Insert, insert and padlock
 - Key cylinder, key cylinder and padlock
 - Padlock
- Independent of door thickness (2 – 100 mm)
- Emergency release
- Multi-point locking system
- Pre-assembled
- Quarter-turn design with insert
- Material:
 - PA, black, UV-resistant (UL)



3D Fastener

- For aligning and connecting large and /or small cabinets, enclosures, or other construction units
- Optional PA cover available for protection against dust and dirt
- Fastener made from aluminum to prevent corrosion
- Suitable for use with standard M6 screws
- Material:
 - Fastener: Aluminum
 - Cover: PA, black, UV-resistant (UL)
 - Other colors available on request
 - Customer logo available on request



New Products from Spring 2026

Heating, Ventilation and Air Conditioning Technology

Locking Hinge

- Screw-on hinge with locking function
- Easy removal and reattachment of the door
- 11 different inserts
- Material:
 - zinc die, black



Emergency Unlocking

- Unlocking from the inside when doors are locked from the outside
- Control element in signal red for better identification inside the climate control unit
- Can be used with straight and cranked standard cams made of steel and stainless steel
- Can be retrofitted
- Two versions:
 1. Unlocking by pressing and turning
 2. Unlocking by simply pressing



Other DIRAK Solutions for Heating, Ventilation and Air Conditioning (HVAC)

Heavy Duty Latch

6-270

- Heavy duty handle for equipment doors
- RH / LH application
- Swivel movement of the handle 90°
- Cam 45° adjustable
- Hook b) fix dimension 22 mm
- Hook c) adjustable from 18 – 25.5 mm



6-270

Heavy Duty Latch System for HVAC Applications

6-280

- Handle outside
- Without lock or lockable
 - with key cylinder
 - with insert
- Suitable for different door-thicknesses
- Lockable handles, keyed alike, are equipped with stainless steel dust-shutter
- IP65 according to DIN EN 60529 by sealing kit (optional)



6-280

Other DIRAK Solutions for Heating, Ventilation and Air Conditioning (HVAC)

Handle Inside, for Heavy Duty Latch System

6-280.01

- Handle for opening from inside



6-280.01

Shafts for Heavy Duty Latches

6-280.02

- Shaft 12 x 12 consisting off:
 1. cover
 2. fastening screw at the front M8
 3. washer and fastening nut inside M12



6-280.02

Cams for Heavy Duty Latches

6-280.03

- 8 x 45° adjustable



6-280.03

Compression Cam for Heavy Duty Latches

6-280.04

- Compression 6 mm



6-280.04

Rosettes for Heavy Duty Latches

6-280.05

- Rosettes round and oblong
- With and without stop
- With or without latch recesses



6-280.05

Pioneering
in Latch, Hinge and
Fastening Technology



Quarter-Turns



Swinghandles



Multi-Point Locking Systems



Handles



Fastening Technology

DIRAK®



Hinges

DIRAK is more than that!

We have plenty of other product
solutions for your fields of application.

Contact us:

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DIRAK.com



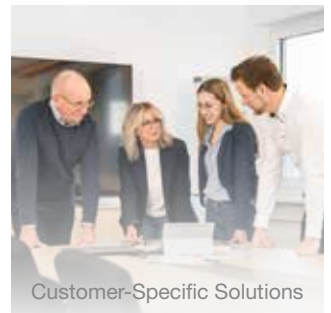
Mechatronic
Locking Systems



Gaskets



Latches



Customer-Specific Solutions