

## PRESS RELEASES FOR PUBLICATION

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Leonberg, 21 March 2018

### Powerdrive hermetic automatic sliding door system: A complete system for the most demanding requirements



Photo: GEZE GmbH

Whether in the operating theatre or on intensive care and dialysis wards: the new GEZE Powerdrive hermetic sliding door system is ideally equipped for applications with demanding hygiene and air-tightness requirements. The complete system – consisting of door leaves, automatic drive and the frame – is suitable for clinical areas, and is also perfect for clean rooms, sterilisation rooms and laboratories. An all-round seal, combined with the frame, provides very low air permeability (class 3-4 of 4). The door leaf is also lowered and pressed into the framework construction, strengthening the effect. The flush door design and special surface materials used prevent dirt from accumulating, and simplify hygienic cleaning. While the door opens completely when a hospital bed needs to be pushed through, it opens only half-way to allow a person through. The varying opening widths help to reduce the penetration of foreign particles and minimise the exchange of air. Where necessary, different opening widths can be created for cleaning staff via a manual push button. Further extra functions are available, including definable opening widths and hold-open times.

### **Powerdrive PL-HAT as a kit version**

With Powerdrive PL-HT, it is also a sophisticated mechanism that achieves low air permeability by lowering and pressing the door leaf against the framework construction. This kit version, consisting of a drive kit and long materials, is also perfect for use in clinics and the high-tech, pharmaceutical, and the food and drink industries.

### **System solution:**

#### **Automatic sliding door for areas with high hygiene requirements**



Photos: GEZE GmbH

GEZE automatic sliding door systems, such as Powerdrive hermetic, open and close passage doors reliably to provide barrier-free access. They are controlled and secured by a combined detector. The GC 306 proximity switch offers contactless and hygienic manual activation. The automatic components can be integrated into the building technology via the IO 420 interface module and the GEZE Cockpit building automation system, while the door system is controlled via the BACnet communication standard.

***NEW PRODUCT*****ECdrive H automatic sliding door system for optimal hygiene conditions**

Photo: GEZE GmbH

GEZE is expanding its automatic sliding door system portfolio with the ECdrive H kit solution designed especially for use in clinical areas. Preparation rooms and departmental laboratories specifically require doors and passageways that are as germ-free as possible. With opening widths optimised for hospital use (nurse-, cleaning- or bed opening), the ingress of foreign particles can be reduced and air exchange minimized. Low-depth tracks reduce dirt residue and simplify hygiene cleaning. There are numerous configurations, all based around the kit solution, allowing project-specific collaboration with installation companies. The result is numerous solution scenarios which are optimal for use in the high-tech, pharmaceutical or food and drink industries.