

SAFE, EFFICIENT PEOPLE FLOW FOR HYGIENE-CRITICAL ENVIRONMENTS

KONE UniDrive® Healthcare door operator

The KONE UniDrive Healthcare operator is designed specifically for use with hermetic sliding doors. This highly reliable operator enables smooth, safe people flow in a wide range of medical and other hygiene-critical environments and can be used to automate existing manual doors or modernise current automated solutions.

Improved hygiene and convenience with automation of manual hermetic doors

Automating existing manual hermetic doors brings a wide range of benefits for any hygiene-critical environment, particularly hospitals, where fast, convenient entry and exit and preventing the transfer of contaminants, are vital.

- People flow is faster and smoother, with no need to push or hold doors when transporting patients or equipment.
- Automated doors can be supplied without handles*, which reduces contamination risk.
- Automated doors can be fitted with safety sensors that prevent them from closing if an obstruction is detected.
- Automation extends the lifetime of door equipment by reducing the risk of misuse.

*The supply of doors without handles is subject to local regulations.

Key benefits

- Reduced contamination risk from both room environment and physical contact
- Maximum operating efficiency and availability of theatres
- Convenient and efficient entry and exit
- Effortless, energy-efficient operation
- Improved safety and security
- Increased reliability and reduced maintenance costs



Cost-effective modernisation for automated hermetic doors

The KONE UniDrive® Healthcare operator can also be used to modernise existing automated door equipment, delivering performance improvements, efficiency savings, as well as better safety and security. Modernisation is often the most cost-efficient way to update existing doors and ensure compliance with the latest regulations and standards.

- **Improved safety and convenience**, with the latest technology, such as intelligent sensors for controlling door opening and preventing unsafe closing, as well as touchless switches, elbow push pads and kick push plates for convenient, hands-free door control.
- **Improved security**, with the possibility to integrate hermetic doors with building automation systems such as access and fire-control systems.
- **Standards-compliant**, with a modern solution that meets all relevant technical, safety and efficiency standards for automatic doors in any hygiene-critical environment.

KONE — your dedicated partner

- Global leader in helping our customers manage the smooth flow of people and goods throughout their buildings
- Solutions for automatic building doors, elevators and escalators
- Total life-cycle expertise – from planning and design, through installation and maintenance, to modernisation
- KONE products are of high quality and comply with all applicable standards and regulations. KONE's business is ISO 9001 and ISO 14001 certified
- Energy-efficient door solutions with modern designs for all types of buildings
- Preventive maintenance performed by professional KONE technicians and quick delivery for most common spare parts

Product info

	KONE UniDrive Healthcare A2	KONE UniDrive Healthcare A3
Dimensions (h x d)	148 x 322 mm	148 x 322 mm
Power consumption	Nominal 80 W input	Nominal 80 W input
Speed	Automatically adjusted based on door weight and resistance. Can also be set manually via control unit or smartphone.	Automatically adjusted based on door weight and resistance. Can also be set manually via control unit or smartphone.
Line power	230 V, 50 Hz, 2 Amp, 1 phase. Nominal power consumption: 80 W with dual-motor technology	230 V, 50 Hz, 2 Amp, 1 phase. Nominal power consumption: 80 W with dual-motor technology with additional transmission

KONE UniDrive Healthcare operators are designed for doors with the following specifications

	KONE UniDrive Healthcare A2	KONE UniDrive Healthcare A3
Application	Air hierarchy control environments, i.e. operating theaters, intensive care units and clean rooms	Doors with a doorway width greater than 1,600 mm – for operating theaters, intensive care units and clean rooms
Construction	Single or double door panel	Single or double door panel
Max. door opening width	2,000 mm (larger widths available on request)	2,000 mm (larger widths available on request)
Max. door opening height	2,500 mm	2,500 mm
Max. door weight	140 kg	300 kg
Air tightness	Air leakage with 10 Pa: positive pressure 0.5 m³/h, negative pressure 0 m³/h Air leakage with 50 Pa: positive pressure 2.8 m³/h, negative pressure 0 m³/h	Air leakage with 10 Pa: positive pressure 0.5 m³/h, negative pressure 0 m³/h Air leakage with 50 Pa: positive pressure 2.8 m³/h, negative pressure 0 m³/h
Sound insulation value	Standard Rw: 28 dB Optional Rw up to 37 dB	Standard Rw: 28 dB Optional Rw up to 37 dB

Rw: Average sound reduction index according to ISO 717-1

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