

# KONE Fold Wash high-speed door

FOR ENERGY-EFFICIENT, RELIABLE CAR-WASH OPERATION

KONE Fold Wash is a highly efficient and compact external folding door solution designed specifically for car washes. It offers fast, quiet operation and excellent noise insulation, while the flexible bottom edge prevents leakage.

#### **Eco-efficient and durable**

KONE Fold Wash is designed to enable smooth, reliable carwash operation while minimizing both energy consumption and disturbance to surrounding areas. Our proven motor technology is highly energy efficient, while the durable double-skin curtain provides excellent noise reduction and heat-loss protection.

## **Maximum safety**

KONE Fold Wash includes flexible curtain guides for maximum safety and minimum downtime. To prevent personal injury or damage to vehicles, in the event of impact the flexible guides deform without damage and can be easily reinserted.

| Standards compliance  |          |           |
|-----------------------|----------|-----------|
|                       | Standard | Result    |
| Wind load             | EN 12424 | Class 4   |
| Wind permeability     | EN 12426 | PND       |
| Water permeability    | EN 12425 | PND       |
| Thermal resistance    | EN 12428 | 2.7       |
| Mechanical resistance | EN 12604 | Conformed |
| Safe openings         | EN 12453 | 1 million |

#### **Key benefits**

- Durable and energy-efficient solution for car washes
- Double-skin curtain for effective noise protection (up to 16 dB) and heat-loss reduction (U value 2.7 W)
- Soft PVC bottom edge ensures tight seal with floor for maximum leakage protection
- Up to Class 4 wind resistance (EN 12424)
- Flexible curtain guides deform without damage in case of impact
- EN 13241-1 compliant



## **Product info**

## **Technical specifications**

| Application             | External door   |
|-------------------------|---|
| Max. dimensions (H x W) | 6000 x 6000 mm  |
| Max. door area (H x W)  | 6700 x 6800 mm  |
| Opening/closing speed   | opening speed 1 m/s standard, 1.5 m/s optional (adjustable with frequency converter); closing speed 0.5 m/s |
| Operating temperature   | -30 to +70 °C   |

## **Body structure (frame)**

| Side frames and cover | galvanized, powder-coated, or stainless steel |
|-----------------------|---|
| Top roll              | galvanized, powder-coated, or stainless steel |
| Top roll cover        | galvanized, powder-coated, or stainless steel |
| Motor cover           | galvanized, powder-coated, or stainless steel |

#### Curtain

| Material           | 100% PVC-coated polyester, insulated   |
|--------------------|--|
| Bottom profile     | soft PVC bottom edge                   |
| Colors             | see Curtain color options to the right |
| Tracking system    | fold-up                                |
| Thermal insulation | 2.7 watts/m <sup>2</sup> /°C           |
| Flammability       | Class C and Class D (EN 13501-1)       |

| Motor                  | dual-speed 0.75-1.5 kW                   |
|------------------------|--|
| Control unit           | independent from motor or integrated     |
| Power supply frequency | 3-phase 240 V or 400 V with ground       |
| Protection class       | IP55, optional IP65 protection available |

# Opening and closing controls

| Manual    | push-button, pull-cord switch, 3-button control box         |
|-----------|---|
| Automatic | induction-loop detector, hand-held radio, radar, photocells |

# Safety

| Inline photocells    | safety light curtain  |
|----------------------|-----------------------|
| Safety photocells    | 2 pairs, anti-lifting |
| Flashing alarm light | included as standard  |
| Fall-down protection | safety straps         |

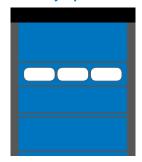
## **Optional features**

| Interlock   |
|---|
| Adjustable opening height                         |
| Semi-automatic mode                               |
| Full manual mode                                  |
| Red traffic-light system                          |
| Audible alarm                                     |
| Power-failure release: hand crank & counterweight |
| Composite curtain tubes                           |
| Stainless-steel control box                       |
| Company logo or images on curtain                 |

# **Curtain color options (RAL)**

| 9016 | 5015 | 1003 |
|------|------|------|
|      |      |      |
| 3002 | 6026 | 5002 |
|      |      |      |
| 1015 | 7038 | 9005 |

## **Visibility options**



#### www.kone.com