

ZIKSUM[®]
SMART & PRECISE

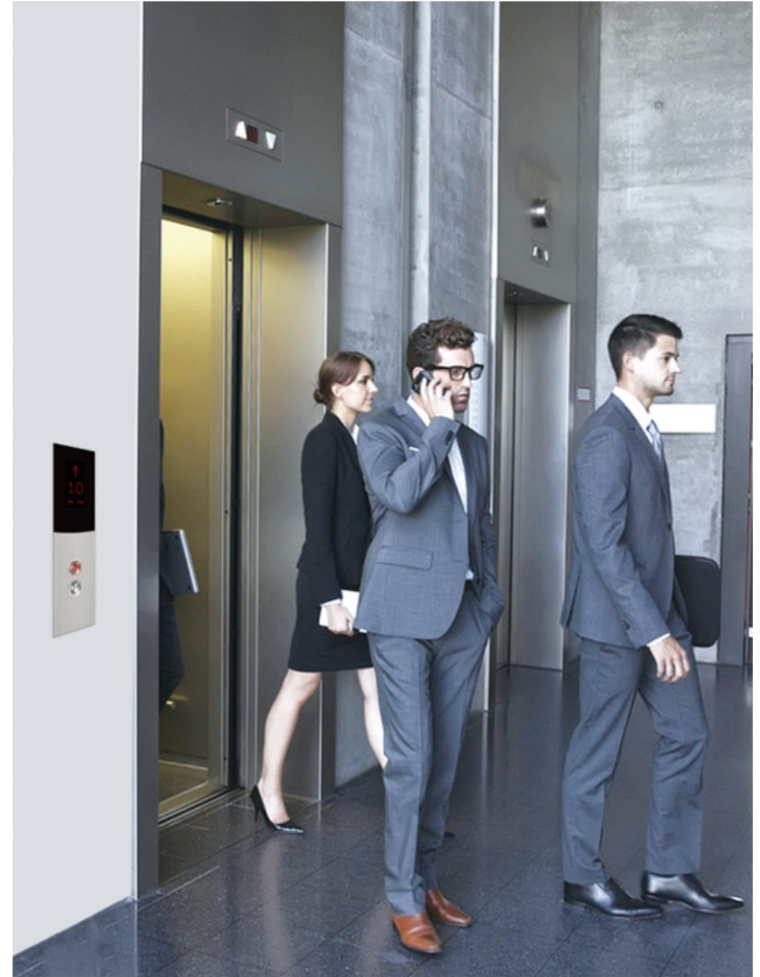


ZIKSUM Elevator Pvt. Ltd.

Think Elevator, Think ZIKSUM

Passenger Elevators

Features: Smooth and Noiseless Operation. Energy-Efficient Technology. Customizable Interiors and Door Designs.



Passenger Elevators Specifications for commonly used in residential or commercial buildings:

1. Capacity

Range: 4 persons to 20 persons
Load Capacity: 320 Kg to 1500 Kg

2. Speed

Standard Speed: 0.5 m/s to 1.5 m/s
High Speed (for multi-story buildings): 1.5 m/s to 2.5 m/s

3. Drive System

Type:
Traction with machine-room or machine-room-less (MRL)
Gearless or Geared Motor (depending on the building height)

4. Control System

Type:
Microprocessor-based VVVF (Variable Voltage Variable Frequency) drive

6. Cabin Interior

Options :
Stainless steel, decorative laminate, glass panels
Lighting: LED with energy-saving options
Flooring: PVC, granite, or marble

7. Guide Rails

Material: T-shaped steel rails
Dimensions: 16mm to 20mm

8. Safety Features

Emergency stop button
Overload protection
Automatic Rescue Device (ARD) for power failures
Door safety sensors (light curtain or mechanical)
Buffer springs in the pit, Speed Governor

9. Power Requirements

Voltage: 230V for single-phase or 415V for three-phase systems
Frequency: 50 Hz

10. Optional Features

Voice announcement system
Destination control for improved efficiency
Remote monitoring and fault diagnosis

These specifications may vary based on specific project requirements and the manufacturer. Let me know if you need any specific customization or detailed drawings.

Home Elevators

Compact, Stylish, and Efficient Solutions for luxury Homes and Villas. Capacity: 3 to 5 passengers. Features Elegant glass and metal finishes Space-saving designs. Minimal Noise operation.



Home Elevator Detailed Specifications

1. Capacity

Range: 2 persons (150 Kg) to 6 persons (450 Kg)
Common Load Capacities:
250 Kg, 300 Kg, and 450 Kg

2. Speed

Range:
0.15 m/s to 0.5 m/s (for smooth operation in low-rise buildings)

3. Drive System

Types:
Hydraulic System: For quieter, smoother rides
Traction System: Machine-room-less (MRL) with VVVF drive
Motor Power: 1.5 KW to 3 KW

4. Cabin Dimensions

Standard Sizes (customizable):
Width: 900 mm to 1200 mm
Depth: 900 mm to 1500 mm
Door Height: 2000 mm

5. Door System

Type: Manual swing or automatic sliding
Door Width: 700 mm to 900 mm
Material: Stainless steel or glass

6. Cabin Interior

Material Options: Stainless steel, wood finish, glass panels
Flooring: PVC, granite, or marble
Lighting: LED with energy-saving options

7. Control System

Type: Microprocessor-based with touch or push buttons

Features:

Digital floor position indicator
Emergency stop button
Automatic leveling

8. Safety Features

Emergency alarm and stop
Door safety sensors (infrared or mechanical)

Emergency lowering (battery backup)
Overload detection
Safety brakes

9. Power Supply

Voltage:

230V (Single-phase) or 415V (Three-phase)

Frequency: 50 Hz

10. Optional Features

Voice announcement system
Remote monitoring
Customized cabin design
Automatic emergency rescue device (ARD)

Compliance Designed as per relevant standards (EN 81-41, ISO 9386-2) for home elevators.

These specifications may vary based on specific project requirements and the manufacturer. Let me know if you need any specific customization or detailed drawings.

Hospital Elevator

Hospital Elevators Essential for Hospitals to ensure the safe Transport of Patients, Staff, and Equipment.



Hospital Elevators Detailed Specifications:

1. Capacity

Range
1000 Kg (15 persons) to 2500 Kg (33 persons)

Common Types:

Stretcher Lift: 13 to 26 persons
Bed Lift: 1600 Kg to 2500 Kg

2. Speed

Range:
0.5 m/s to 1.5 m/s (depending on the number of floors)

3. Drive System

Type:

Traction (with or without machine room)
Hydraulic (for low-rise buildings)

Motor:

Gearless or geared motor

Control:

VVVF (Variable Voltage Variable Frequency) drive for smooth operation

4. Cabin Dimensions

Typical Stretcher Lift Dimensions:
Width: 1100 mm to 1400 mm
Depth: 2100 mm to 2400 mm

Bed Lift Dimensions:

Width: 1500 mm
Depth: 2500 mm

5. Door System

Type: Automatic sliding doors
Width: 900 mm to 1200 mm (wide enough for stretchers and hospital beds)
Material: Stainless steel

6. Cabin Interior

Material: Stainless steel or powder-coated finish
Lighting: Energy-efficient LED lighting
Handrails: Stainless steel, mounted on side walls
Flooring: Anti-slip PVC, marble, or granite

7. Safety Features

Overload protection Emergency stop and alarm system Automatic Rescue Device (ARD) for power failures Infrared door sensors for obstruction detection Buffer springs and speed governors Fire-rated doors

8. Control System

Type: Microprocessor-based or PLC control

Features:

Multi-level access control
Braille buttons for visually impaired users
Voice announcement system
Position indicator (digital display)

9. Power Requirements

Voltage: 415V (three-phase)
Frequency: 50 Hz

10. Compliance

Designed as per international hospital elevator standards (EN 81-70 or relevant local codes).

These specifications ensure the efficient, safe, and reliable operation of hospital elevators. Let me know if you need diagrams or additional customization details.

Hydraulic Elevator

Perfect for low-rise Buildings Requiring a cost-effective and Reliable Elevator Solution.



Hydraulic Elevator Detailed Specifications:

1. Load Capacity

Range: 250 Kg to 4000 Kg

Typical Usage:

Passenger Elevators: 4 to 15 persons
(320 Kg to 1000 Kg)

Hospital Elevators:

1600 Kg to 2500 Kg
Goods Elevators: Up to 4000 K

2. Speed

Range: 0.2 m/s to 1.0 m/s
Typical Speed for Passenger
Elevators: 0.5 m/s to 0.75 m/s

3. Power Supply

Voltage:

230V (Single-phase) for smaller lifts
415V (Three-phase) for larger
systems
Frequency: 50 Hz

4. Drive System

Type:

Hydraulic power unit with pump and
motor

Pump Type:

Gear, vane, or screw pump

Control:

Variable frequency drive (VFD) or soft
starter for motor control

5. Hydraulic System

Operating Pressure: 150 to 250 bar
Cylinder Type: Single-acting or
double-acting Oil Type: Hydraulic oil
with anti-wear properties

6. Cabin Dimensions

Passenger Cabin :

Width: 900 mm to 1400 mm
Depth: 1100 mm to 2100 mm

Goods Cabin:

Customized as per load requirements

7. Doors

Type: Manual swing doors or
automatic sliding doors
Width: 700 mm to 1200 mm
Material: Stainless steel or powder-
coated steel

8. Control System

Type:

Microprocessor-based controller

Features:

Smooth start and stop
Emergency stop button
Automatic leveling
Remote monitoring (optional)

9. Safety Features

Overload protection
Emergency lowering system (battery
or manual valve)
Door interlocks
Buffer springs
Overspeed governor

10. Compliance

Designed as per relevant codes
(EN 81-2, ASME A17.1, or local
regulations).

These specifications are general and
customizable depending on project needs.
Let me know if detailed diagrams or
additional information is required.



Capsule Elevator

Designed to enhance the aesthetic appeal of shopping malls, hotels, and commercial buildings.

Capsule Elevator Detailed Specifications

1. Capacity

Range:

4 persons (320 Kg) to 26 persons (2000 Kg)

Typical Applications:

Residential, commercial complexes, and luxury hotels

2. Speed

Range:

0.5 m/s to 2.0 m/s (depending on the height and usage)

3. Drive System

Type:

Traction with machine-room-less (MRL) technology
Gearless or geared traction system

Control:

VVVF (Variable Voltage Variable Frequency)
drive for smooth movement

4. Cabin Design

Shape :

Circular, semi-circular, or square with curved glass

Material:

Glass panels (toughened or laminated)

Stainless steel frame with mirror, matte, or hairline finish

Handrails: Stainless steel handrails

Flooring:

Marble, granite, or anti-slip PVC

5. Door System

Type:

Automatic sliding or glass doors
Material: Stainless steel frame with glass panels
Door Width: 800 mm to 1200 mm

6. Control Panel

Type: Microprocessor-based

Features:

Digital floor display
Braille buttons for accessibility
Voice announcement system
Energy-saving LED lighting

7. Guide Rails

Material: T-shaped or square steel
Dimensions: Thickness of 16mm to 20mm

8. Safety Features

Emergency stop and alarm button
Overload protection
Automatic Rescue Device (ARD) for

power failure

Door safety sensors (infrared or mechanical)

Speed governors and buffer springs

9. Power Requirements

Voltage: 230V (Single-phase) or 415V (Three-phase)

Frequency: 50 Hz

10. Optional Features

Air conditioning
Custom interior design with decorative lighting
Remote monitoring and fault diagnostics

Glass finishes: Clear, tinted, or frosted

Compliance

Designed according to international standards (EN 81, ASME A17.1) or local regulations.

Capsule elevators are customizable to enhance the building's aesthetics while providing superior performance and safety. Let me know if you need additional details or diagrams.

About Us

Welcome to Ziksum Elevator Pvt. Ltd., a Leader in Delivering Cutting-edge Elevator systems. With years of Expertise, we Specialize in creating safe, efficient, and aesthetic elevators for all types of Buildings. From high-rise Residential Complexes to industrial warehouses our Solutions are tailored to meet the unique needs of our Clients. Our Commitment to innovation and unmatched Customer service sets us apart in the Elevator industry.

Why Choose ZIKSUM Elevator Pvt. Ltd.?

Custom Solutions: Tailored elevators for every requirement.
Top-Notch Safety Standards: Designed and built to meet international safety certifications.
Innovation: Use of cutting-edge technology for enhanced performance.
Reliability: High-quality materials and precision engineering.
After-Sales Support: 24/7 maintenance and troubleshooting services

Customer Support and Maintenance

We offer annual maintenance contracts (AMC) and periodic inspections to ensure the long-term reliability of your elevators. Our trained technicians are equipped to handle all types of repairs and upgrades.



Contact Us

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