



VERTICAL EXPRESS

# ICON 32 controller

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[www.verticalxpress.com](http://www.verticalxpress.com)

## Improves performance

Our advanced controller for hydraulic elevators offers increased reliability, reduced wiring and optimized efficiency through its 32-bit microprocessor. The ICON 32 controller is built with pride at our U.S. manufacturing facility.

ICON 32 controllers are used in hydraulic elevators, hydraulic control system installations and in modernization packages.



## Benefits

### Efficiency

Handles complex algorithms at an accelerated rate with a powerful 32-bit microprocessor.

### Solid-state technology

Solid-state electronics replaces outdated relay logic and eliminates moving parts, reducing electrical power consumption and providing greater reliability.

### CANBUS technology

- Performs in difficult electrical environments
- Real-time error detection and fault confinement capabilities

### Quick installation

- Common hardware platform
- Easy to follow system wiring diagrams, field point-to-point wiring charts and simplified installation micro-instructions.
- CANbus used from door operator to controller. It is also used from the selector to the controller.
- Car and hall fixture wiring uses discrete wiring to CNA board

### Non-proprietary user interface tool (UIT)

User-friendly, on-board UIT with unrestricted access provides all the diagnostic equipment required for installation and service. Door Programming Tool required for door adjustments.

### Distributed control system

Integral group operation eliminates a separate group controller.

### Applications

- Low-rise buildings

### Configuration

- Simplex or group operation

### Compliance

- ASME A17.1 code.
- ETL-certified to CSA B44.1-11/ASME A17.5

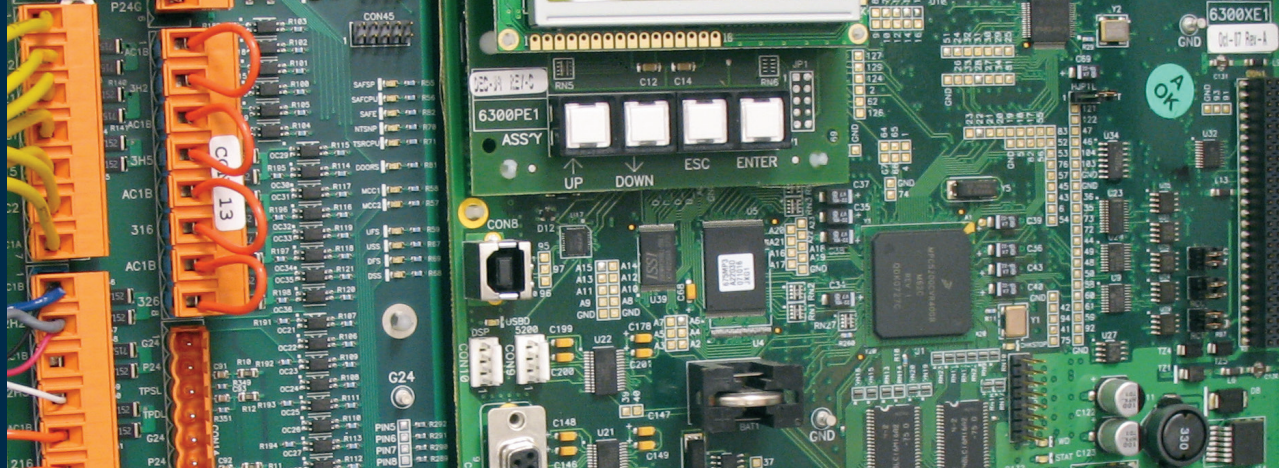
### Discrete hall and car fixtures

- ASME A17.1 compliant

### Optional features\*

- Battery lowering kit
- Code Blue
- Hospital emergency service
- Infant security

\* Not all options are available on pre-engineered fixtures



## Specifications

### General data

Maximum car speed:	200 fpm (15.2 m/s); dependent on jack type
Maximum travel:	Up to 60'0" (18.3 m); dependent on jack type
Capacity:	Up to 10,000 lbs (4500 kg)
Motor control:	Solid-state soft starter
Positioning system:	Steel tape selector/magnetic sensors
Diagnostics and adjustment tools:	UIT and Door Programming Tool
Environment:	50°–90°F
Standard enclosure:	33" wide x 28.4" tall x 9.34" deep 33" wide x ~32" tall x ~12" deep with mounting hardware
Power supply:	208–600 voltage, 50–60 Hz, three-phase

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