

FLEX-H™

# Non-Proprietary Control System for Hydraulic Elevator Applications

## Introduction

FLEX-H is a state-of-the-art control system for hydraulic elevators which can be configured for all group sizes, capacities and speeds. FLEX-H also has a customizable design to support special applications, which are capable of running virtually ANY hydraulic elevator.



### Key Benefits

- The library of special functions available with FLEX-H is the result of over 20 years of experience developing and producing elevator systems.
- With over 100 years of elevator-specific experience in the FLEX-H software team, solutions for even custom applications can be optimized.
- Building on the years of experience developing reliable control functions, intuitive commissioning support and fault-finding functionality, FLEX-H features many advanced features which will provide a reliable elevator system while delighting elevator professionals.
- Every FLEX-H includes a plain language display screen for elevator commissioning and system integration. An integrated miniature joystick allows quick and efficient navigation.
- FLEX-H has built-in intelligence which enables self diagnosis and general elevator status checks. Results are displayed in plain language – fault codes are not utilized.

*FLEX-H Hydraulic Elevator Controller  
designed and manufactured by Cetek Inc.*

## FLEX-H is an easy-to-maintain non-proprietary hydraulic control system:

- Designed to efficiently address the simplest low-rise, cost-conscious applications.
- Expandable to multi-landing, multi-car, more complex applications.
- Compliant with all codes and standards.
- Utilizes elevator operating software proven over many years.
- Modular control system hardware minimizes possible downtime.
- Operates with numerous power unit and valve designs.
- Soft starter provides quiet starts and minimizes line disturbances.
- Interfaces with multiple door systems, including freight types.
- Plain language display screen and integrated joystick for system commissioning and maintenance actions. Maintainable without the use of any external or specialized diagnostic tools.

## FLEX-H Control Logic Features

- Standard Services – Norm, Indep, Fire, Inspect \*
- Emergency Power – Battery Lowering \*\*
- Floors Served – 8 \*
- Landings – Front, or Front / Rear, Inline or Opposed \*
- Pump Soft Starter \*
- Hydraulic Valve – Maxton (4 valve) \*
- Hydraulic Valve – OLS (3 valve) \*
- Hydraulic Valve – Beringer (electronic) \*\*
- Passenger Doors – MAC Operator \*
- Passenger Doors – AMD / Renova \*
- Passenger Doors – GAL \*
- Passenger Doors – ECI \*
- Passenger Doors – Other †
- Freight Doors – Courion \*\*
- Freight Doors – EMS \*\*
- Freight Doors – Peelle \*\*
- Freight Doors – Other †
- Door Obstruction Detection \*
- Door Protection Cutout Switch (or button) \*
- Multiple Door Timing \*
- Early Door Closing \*
- Reduced Speed Closing \*
- Nudging \*
- Fixtures – 24 Volt, 115 Volt \*
- Hall Button Protection – Auxiliary Dispatch \*Δ
- Independent Freight Service with Sep PB Riser \*\*Δ
- Hospital Emergency Service \*
- Medical Emergency Recall \*
- Minimum Time to Call Dispatching \*Δ
- Car Station Security \*\*
- Per Floor Security \*\*
- Lift-Net Interface \*\*
- Custom Software †

- \* Standard option for Simplex, Duplex and 3-4 Cars
- \*\* Available option for Simplex, Duplex and 3-4 Cars
- † Per quote for Simplex, Duplex and 3-4 Cars
- Δ Not Available for Simplex

**Standard Options** shown are available in basic control software and will be configured with hardware required per controller specifications.

**Available Options** shown are additional software modules which will be configured along with hardware to meet controller specifications.

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