Small Wonder prodigy™ has arrived

Introducing the new prodigy from Elevator Controls – a smaller, lighter, feature-rich non-proprietary controller for Low- to Mid-rise applications to 450 fpm simplex, duplex and groups.

Mastermind
Genius
Whiz kid
Brain
Intellect



▾ V900 prodigy MRL

▴ H900 prodigy Hydro

▴ V900 prodigy AC

Size Does Matter

prodigy is compact so it will fit through most any accessway. A typical AC traction weighs under 200 pounds so it's easy to handle, install and ship. And it's smart as a whip.

Everything you Need; Nothing you Don't

prodigy is bundled with all the features you need and want, including onboard serial communication, distributed dispatching, and BacNET interoperability (with optional Interact monitoring).

What Learning Curve?

EC's trademark "learn one, know all" architecture simplifies installation, adjustment and troubleshooting – because familiar parameters, screens and procedures are used.

***prodigy** for today... and the future.*

EC prodigy™



SPECIFICATIONS	V900 prodigy AC
Maximum Car Speed	450 fpm I 2.28 m/s
Maximum Horsepower	25 HP; higher HP available in larger cabinet
Dispatching	Distributed available Spring 2008
Configuration	Simplex, Duplex, Group
Connectivity	BacNET via Interact; Lift-Net
Drive Type	Flux Vector
Drive Control	Digital VVVF
Motor Control Technique	Position & Velocity Feedback, Velocity Feedback or Open Loop
Maximum Number Stops	64
Maximum Number of Cars	16
Wiring	Onboard Serial Ez-LINK or Discrete
Fixture Voltage	24 volts DC
Shipment	4-5 weeks: standard units



SPECIFICATIONS	V900 prodigy MRL
Maximum Car Speed	450 fpm I 2.28 m/s
Maximum Horsepower	25 HP; higher HP available in larger cabinet
Dispatching	Distributed available Spring 2008
Configuration	Simplex, Duplex, Group
Connectivity	BacNET via Interact; Lift-Net
Drive Type	PM-AC & Flux Vector
Drive Control	Digital VVVF
Motor Control Technique	Position & Velocity Feedback, Velocity Feedback or Open Loop
Maximum Number Stops	64
Maximum Number of Cars	16
Wiring	Onboard Serial Ez-LINK or Discrete
Fixture Voltage	24 volts DC
Shipment	5-6 weeks: standard units



SPECIFICATIONS	H900 prodigy Hydro
Maximum Horsepower	30@208; 60@480; higher HP available in larger cabinet
Dispatching	Distributed available Spring 2008
Configuration	Simplex, Duplex, Group
Connectivity	BacNET via Interact; Lift-Net
Drive Type	Y-D, ATL, Soft Start
Maximum Number Stops	64
Maximum Number of Cars	16
Wiring	Onboard Serial Ez-LINK or Discrete
Fixture Voltage	24 volts DC
Shipment	4-5 weeks: standard units

Summary of Advantages

- Smallest, lightest controller in the industry for reduced shipping cost, ease of handling, faster installation
- Multiple PC boards have been consolidated into one super-integrated board
- A clever swing panel puts displays, test points and adjustments conveniently up front, while high current and BTU-generating devices are located behind a thermal isolation panel
- Thermal management uses convective heat dissipation to keep prodigy cool
- Surface mount technology and a reduction in interconnecting cables, connectors and wires increases reliability while reducing size
- Full maintenance access is unobstructed by any sandwich or daughter boards
- All diagnostics are onboard as always

ELEVATOR EC CONTROLS
SIMPLE. SOLID. SUPPORTABLE.

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