PRODIGY™ AT A GLANCE

Lighter, Smaller

Feature Rich

Non-proprietary

Hydraulic, Traction, MRL

Speed to 450 fpm

Simplex, Duplex and Groups

Universal
Simple
Interoperable
Supportable
Economical

prodigy™ V900/H900

Compact Controls for Hydraulic, Traction & MRL Elevators

Prodigy is a compact control family designed to fit into a small package that is easy to handle, install and ship.

A typical **Prodigy** traction controller weighs under 200 pounds and has a small 22" x 14" footprint, so it fits easily through the tightest machine room accessways.

Ideal for hydraulic, MRL and traction applications, **Prodigy** controllers are bundled with the features you need and want.

EC's trademark "*learn one, know all*" architecture makes transition to our newest technology fast and easy. As always, CSA and TSSA certifications confirm safety code compliance.

When the power of technology is used to simplify essential tasks – including installation, adjustment, maintenance and troubleshooting – everybody wins.



▲ V900 prodigy MRL

▲ H900 prodigy Hydro

▲ V900 prodigy AC

ELEVATOR EC CONTROLS
SIMPLE. SOLID. SUPPORTABLE.



SPECIFICATIONS	V900 prodigy AC
Maximum Car Speed	450 fpm | 2.28 m/s
Maximum Horsepower	25 HP; higher HP available in larger cabinet
Dispatching	Distributed available Fall 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 | 2.28 m/s
Maximum Horsepower	25 HP; higher HP available in larger cabinet
Dispatching	Distributed available Fall 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 Fall 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

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Summary of Advantage



- 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 hinged 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

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