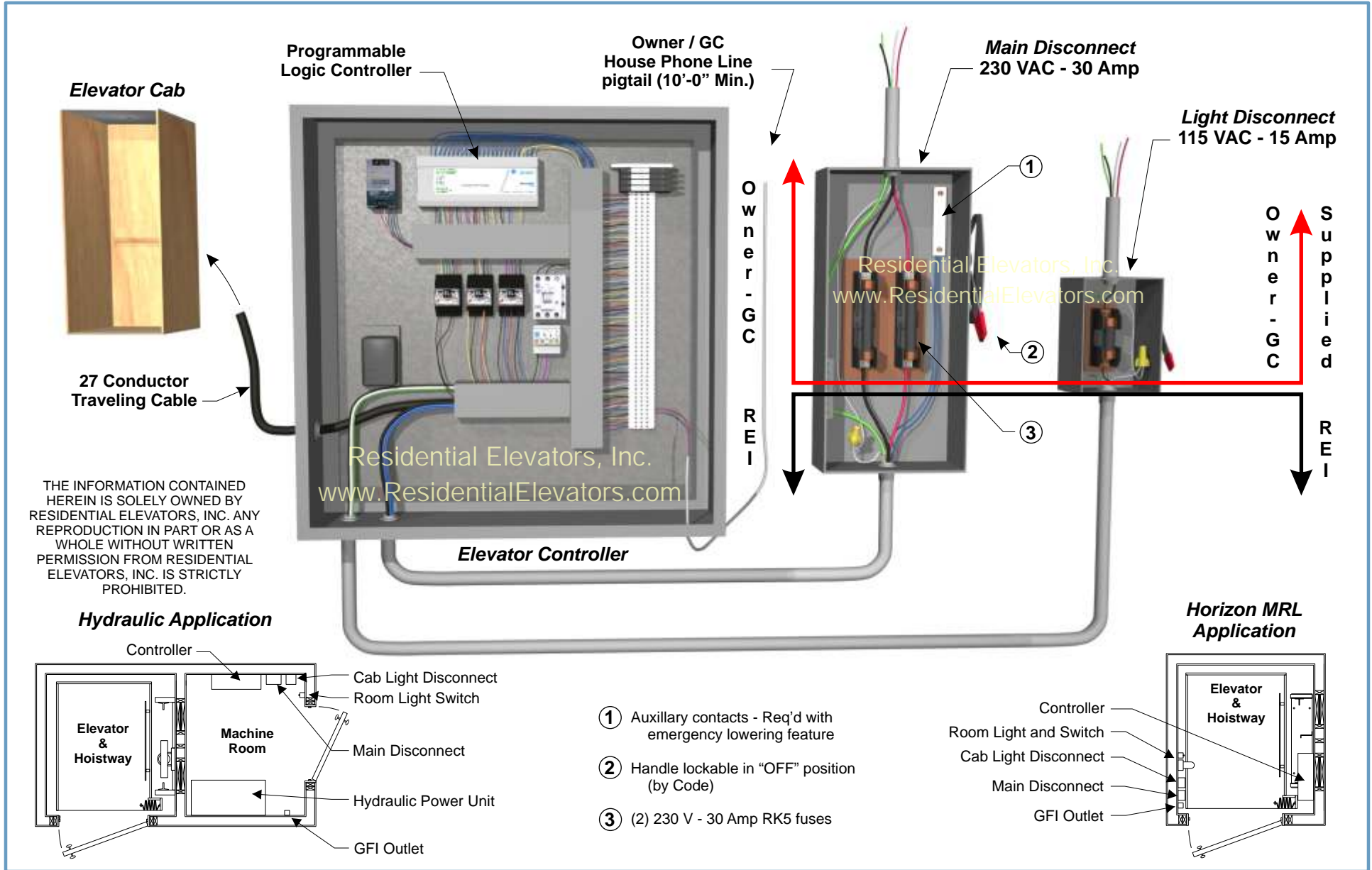


Electrical Requirements for Elevator Machinery Space *(by G.C. / Owner / Other)*



Residential Elevators, Inc.
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May 2008

Elevator Electrical Requirements

By General Contractor / Owner

Each home elevator requires five (5) items from your Electrician and Telecommunications Contractor(s). They are as follows:

1. One (1) 120V 15 Amp Fused Disconnect or Circuit Breaker, as outlined, for Cab Lighting (see below.)
2. One (1) 230V 30 Amp Fused Disconnect, as outlined, below for Main Power supply (see below.)
3. One (1) GFI Outlet.
4. One (1) Light Fixture with wall switch.
5. One (1) Phone Line with pigtail (10'-0" Min.)

Recommended Manufacturers

Square D

- 230V Disconnect Model # H221N - 240V - 30 Amp
with Interlock Kit-EIK031 Aux Contacts (Normally
Opened/Normally Closed)
Plus two each - 250V, 30 Amp, RK5 Fuses
- 120V-15Amp Fused Disconnect or Circuit Breaker

Siemens

- 230V Disconnect Model # HF221N - 240V - 30 Amp
with Interlock Kit-HA161234 Aux Contacts (Normally
Opened/Normally Closed)
Plus two each 250V, 30 Amp, RK5 Fuses
- 120V-15Amp Fused Disconnect or Circuit Breaker

G.E.

- 230V Disconnect Model # TH3221 - 240V - 30 Amp
with Interlock Kit -THAUX21D Aux contacts (Normally
Opened/Normally Closed)
Plus two each 250V, 30 Amp, RK5 Fuses
- 120V-15Amp Fused Disconnect or Circuit Breaker

Cutler Hammer

- 230V Disconnect Model # DH221NGK - 240V - 30 Amp
with Interlock Kit -DS200EK1 Aux contacts (Normally
Opened/Normally Closed)
Plus two each 250V, 30 Amp, RK5 Fuses
- 120V-15Amp Fused Disconnect or Circuit Breaker

PLEASE BE ADVISED THAT POWER ON THE 230V LINE MUST BE A 10-3 WIRE WITH A GROUND AND INSURE THERE IS A DEDICATED NEUTRAL TO THE UNIT.

Explanation: The 230V feed should have a black, red, white and ground wire coming to the machine room. All electrical contractors will have full knowledge of this requirement. Simply insure they are aware of the requirement. Black and red are powered with 115V, each totaling 230V. White is neutral. Ground to ground standard.

Also, standard telephone line should be pulled to machine room with approximately ten feet extra length inside machine room. If further explanation or clarification is needed, please contact your local sales representative.

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