

FIXTURES CONTROLLERS & EDGES



Questions? Answers at...

Western US: 1-866 CED-ELEV
or 1-866-233-3538 • Fax 1-562-427-8429

Eastern US: 1-866-253-2915
or 1-860-256-2211 • Fax 1-860-290-8970

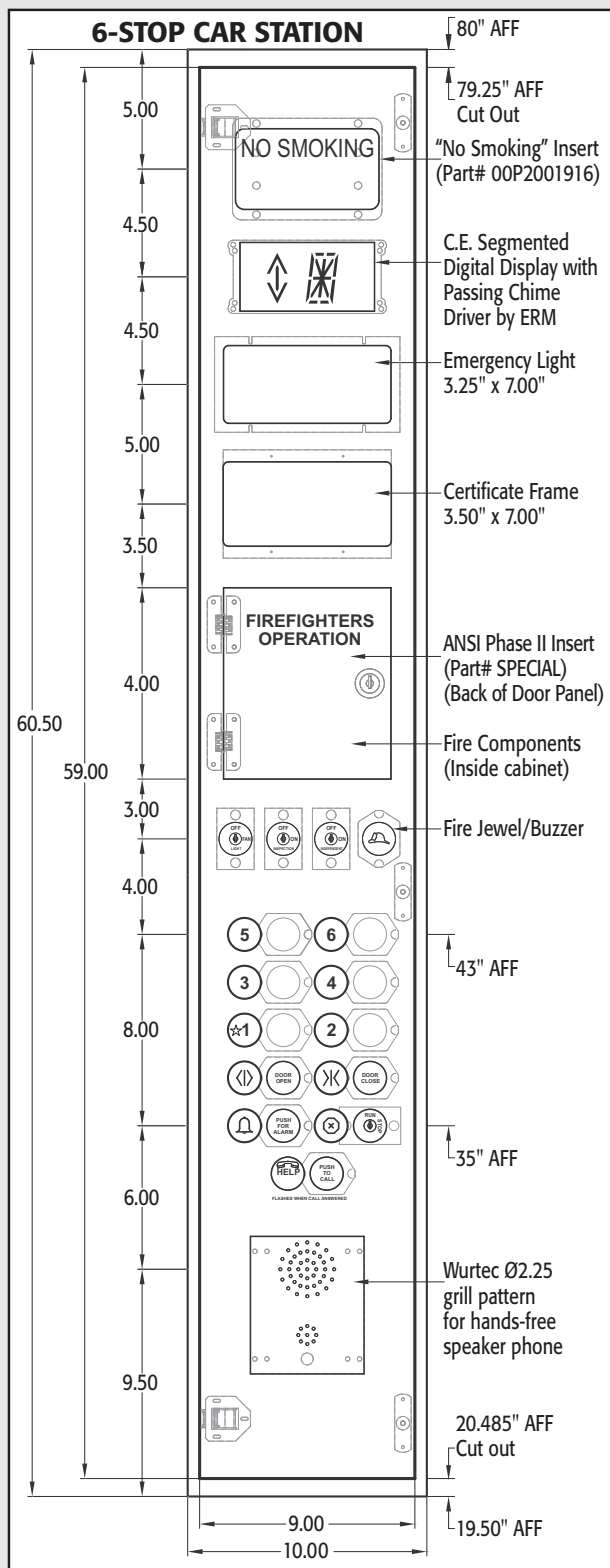
or visit us online at
www.cedelevator.com
for 24 hour order entry,
cross reference data base,
product specifications
with pictures and much more!

Full line catalog available on request

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Car Station Units

Car Station Notes:

Faceplate: #11-gauge stainless steel, #4 brush finish

Dimensions: Faceplate: 10.00" x 60.50"

Box: 9.00" x 59.00" x 3.50" DP

Lamp Voltage: Multi-volt 7½–120V AC/DC

Speaker Grill: Wurtec

Hinge Side: Customer to specify left/right

Fasteners: Panel Locks

Push Buttons:

CA-92 ERM standard round button:

Ø1.38" black halo with illuminating

California raised round, plastic cap

Braille: Ø1.38" raised white characters

on black background flush mounted into panel.

Stop Switches (ERM-J202):

ERM key switch/red with white characters
 along with ERM round braille.

Key Switches (ERM Ø1.393):

Inspection (ERM-J204); Independent (ERM-J201);

Fan/Light (ERM-J201)

Engraved Graphics:

"No Smoking" – .75" black

"Capacity ___ lbs." – .25" black

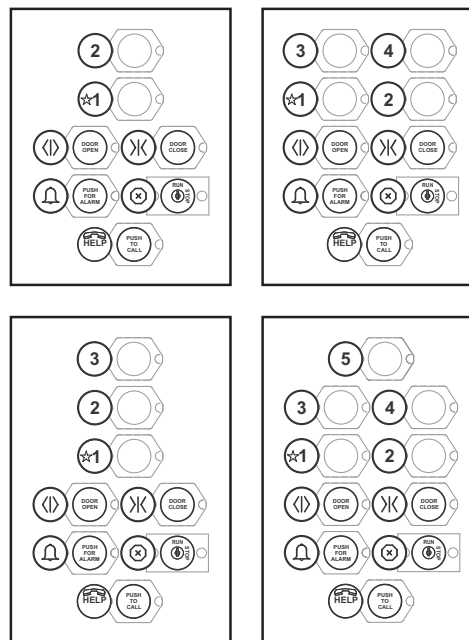
"Firefighters Operation" – .50" red

"Flashes when call..." – .125" black

In-Box Components:

Fire buzzer – 120VAC

Nudging buzzer – 120VAC



| Part Number | Description | Part Number | Description |
|-------------|-------------|-------------|-------------|
| OOP3004502 | 2-Stop | OOP3004505 | 5-Stop |
| OOP3004503 | 3-Stop | OOP3004506 | 6-Stop |
| OOP3004504 | 4-Stop | | |

Hall Stations & Car Lanterns

All models come with the following unless otherwise noted:

Faceplate: #11-gauge stainless steel, #4 brush finish

Lamp Voltage: 120V LED

Fasteners: Tamperproof screws

Terminal Hall Station

Part Number **OOP3004520**

Dimensions: Faceplate: 5.00" x 21.00"

Box: 2.75" x 7.63" x 3.50" DP

Push Buttons: CA-92 standard round

Terminal with Fire Service

Part Number **OOP3004535**

Dimensions: Faceplate: 5.00" x 21.00"

Box: 2.75" x 7.63" x 3.50" DP

Push Buttons: CA-93

Key Switches: ERM Ø1.393"

Fire Service reset/off/on (ERM-HW1002)

Terminal with Access

Part Number **OOP3004540**

Dimensions: Faceplate: 5.00" x 21.00"

Box: 2.75" x 7.63" x 3.50" DP

Push Buttons: CA-92 standard round

Key Switches: ERM Ø1.393"

Access (ERM-J204)

Terminal with Access, Fire Service

Part Number **OOP3004555**

Dimensions: Faceplate: 5.00" x 21.00"

Box: 2.75" x 10.63" x 3.50" DP

Push Buttons: CA-93

Key Switches: ERM Ø1.393"

Fire Service reset/off/on (ERM-HW1002), Access (ERM-J204)

Intermediate Hall Station

Part Number **OOP3004060**

Dimensions: Faceplate: 5.00" x 21.00"

Box: 2.75" x 7.63" x 3.50" DP

Push Buttons: CA-92 standard round

Intermediate with Fire Service

Part Number **OOP3004075**

Dimensions: 5.00" x 21.00"

Box: 2.75" x 10.63" x 3.50" DP

Push Buttons: CA-93

Key Switches: ERM Ø1.393" Fire Service reset/off/on (ERM-HW1002)

Intermediate Lantern

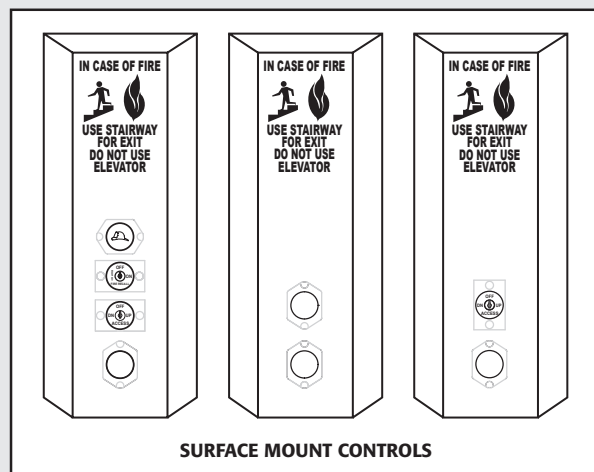
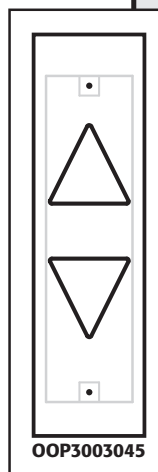
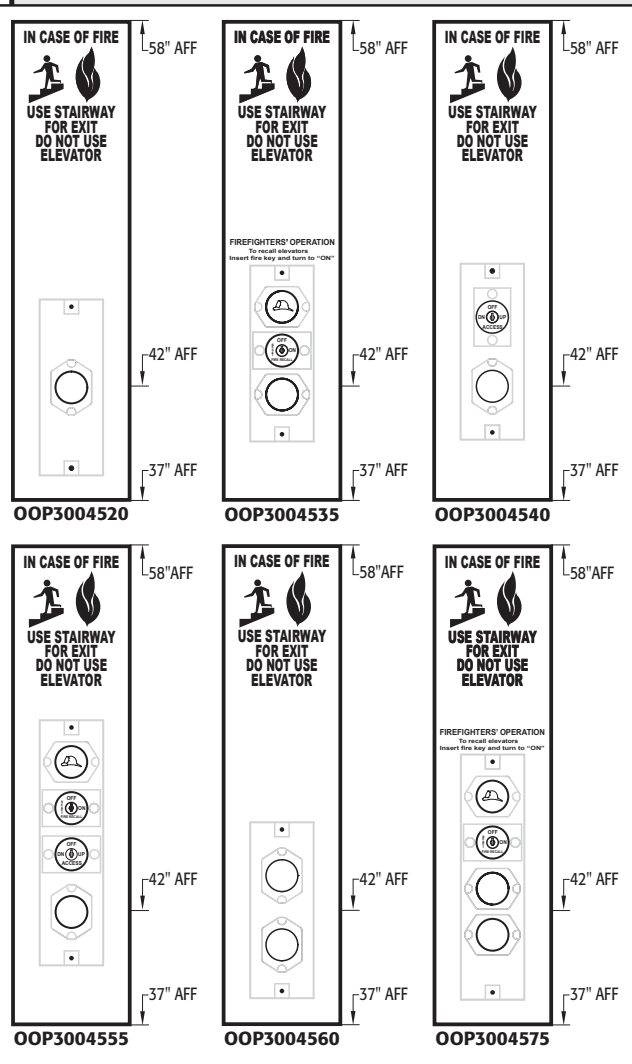
Part Number **OOP3003045**

Dimensions: Faceplate: 3.50" x 12.75"

Box: 2.75" x 10.38" x 3.50" DP

Lantern Arrows: 2.50" x 2.50"

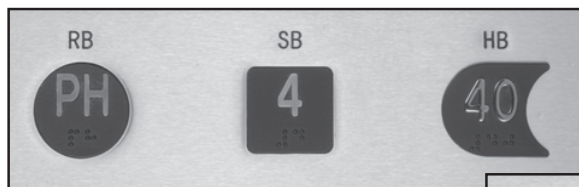
White lexan translucent plastic, extended .188" from faceplate



Questions? Answers at...

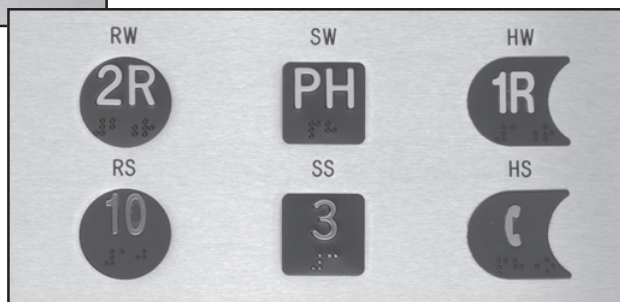
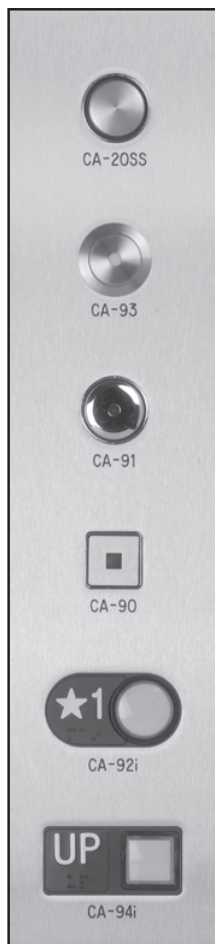
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Push Button/Braille Selection



Bronze characters

Please contact CED if you have specific requirements that are not illustrated on this page.


 Top row, White characters
 bottom row, Stainless Steel characters


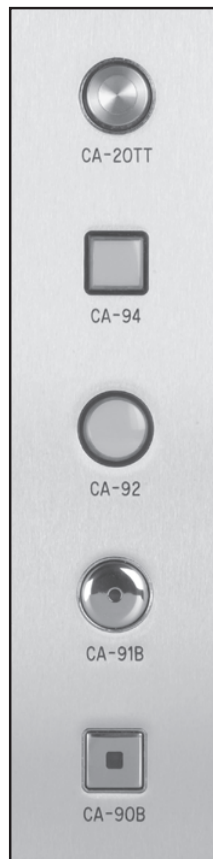
Round Stainless Steel

Vandal Resistant

Round Stainless Steel
Mirror PolishedSquare Stainless Steel
Flush Mount
(Also available in
Raised Mirror Finish.)

Integrated Round

Integrated Square

Stainless Steel
with Bronze Center

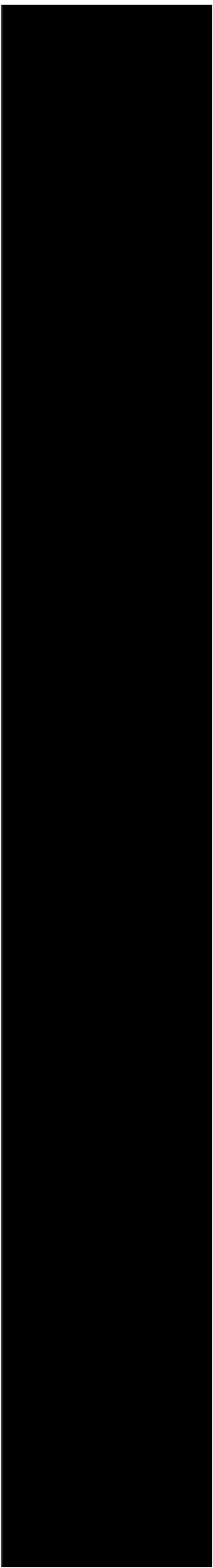
Standard Square

Standard Round

Round Bronze
Mirror PolishedSquare Bronze
Raised Mirror Polished

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Elevator Controllers

Smartrise™ Elevator Controllers

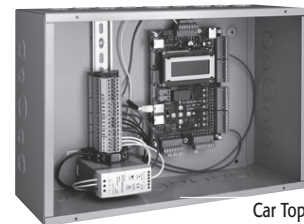
Smartrise™ is a non-proprietary, state-of-the-art elevator control platform. Built to outperform today's leading elevator controllers, the Smartrise™ system never compromises when it comes to safety. Four independent control systems divide and conquer the task of moving passengers quickly and safely to their destinations.

Smartrise™ controllers are designed with the field installer always in mind. Our traveler cables use five times fewer wires than many competitors.

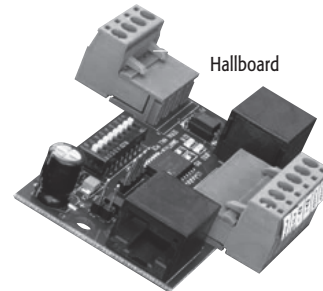
That means smaller, cheaper, lighter and easier to handle cables. But, Smartrise™ reduces more than just cables—boards, relays, and hardware in general is kept to a minimum by our software centric design. Less hardware means fewer parts that can fail, and that means fewer spare parts for the maintenance contractor to keep in stock.

Features

- Least amount of traveling and hoistway cabling.
- Lightest and slimmest panels.
- On board full diagnostic and adjustment capabilities on three locations, machine room, top of car, and car panel.
- Least number of engineering drawings.
- Least number of spare parts.
- All parts are available through a third party vendor.
- Distance and velocity feedback for all tractions and hydraulic.
- Perform car adjustments from inside the car.



Car Top



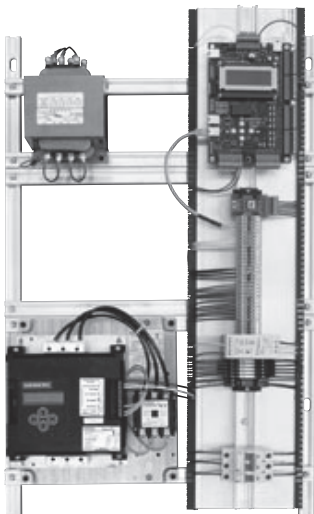
Hallboard

SRH Hydraulic Controller

The SRH Hydraulic Controller is one of the only hydraulic controllers on the market with velocity and distance feedback. It reduces valve adjustment time by watching the car performance on the screen.

Features

- Conveniently shares the same hardware and software platform as our high-end traction controllers.
- Feedback: Distance and Velocity
- Max Floors: 10
- Max Speed: 200 FPM
- Dimensions: 30" x 24" x 10"



Traction AC (Geared & Gearless)

The SRA AC Drive Traction Controller performs serial data exchange between the machine room, the top of the car and the car panel. This simplifies the programming effort with extensive communication and operator interface, available through the built-in LCD, eliminating the number of traveling cables all the way to 8-15 wires.

Features

- Application: Geared, Gearless
- Feedback: Distance and Velocity
- Max Floors: 96
- Max Speed: 1600 FPM
- Dimensions: 36" x 30" x 13"
- Location: Machine room and machine room less



Traction DC (Geared & Gearless)

The SRD DC Drive Traction Controller includes all the features of our AC controller with the option of a state-of-the-art, fully regenerative DC motor drive. It offers reduced utility line harmonics and near unity power factor.

Features

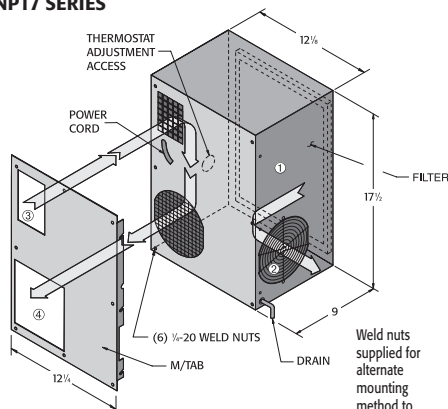
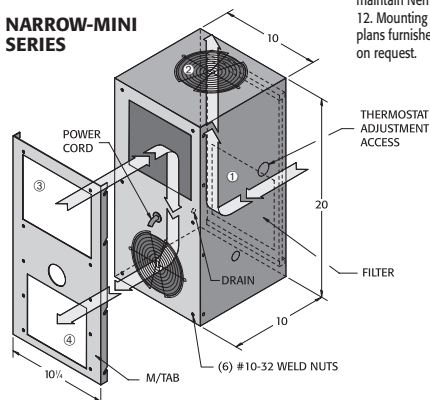
- Application: Geared, Gearless
- Feedback: Distance and Velocity
- Max Floors: 96
- Max Speed: 1600 FPM
- Dimensions: 36" x 30" x 13"
- Location: Machine room and machine room less



For dimensions and drawings please contact sales person

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NP17 SERIES

NARROW-MINI SERIES


- ① Filtered Condenser Air Inlet (Ambient Air In)
 ② Condenser Outlet (Warm Ambient Air Out)
 ③ Warm Air Return From Enclosure
 (Enclosure opening should be located as high as possible within this area, and equal or exceed size of cool air outlets.)
 ④ Cool Air Outlet to Enclosure

Controller Cooling Systems

Trimline Air-Cooled

Panel-Mounted Small Narrow Models

NP17 Series

| | | Ambient | | | |
|----------------|--------|-----------|---------|--------|---------|
| | BTU/H | Temp. °F | | | Running |
| Model Number | Rating | Max./Min. | Volts | Hz | Amps |
| KA4C2.0NP17L | 2000 | 125/50 | 115/100 | 60/50 | 6.7/6.5 |
| KA4C2.0NP17L56 | 2000 | 125/50 | 115▼ | 50/60* | 6.2/6.7 |
| K2A4C2.0NP17L | 2000 | 125/50 | 230/200 | 60/50 | 4.3 |

Narrow-Mini Series [NM]

| | | Ambient | | | |
|--------------|--------|-----------|---------|--------|---------|
| | BTU/H | Temp. °F | | | Running |
| Model Number | Rating | Max./Min. | Volts | Hz | Amps |
| KA4C2.5NML | 2500 | 120/50 | 115/100 | 60/50 | 7.1 |
| KA4C2.5NML56 | 2500 | 120/50 | 115▼ | 50/60* | 7.1 |
| K2A4C2.5NML | 2500 | 125/50 | 230/200 | 60/50 | 3.6 |

Approximate Weight (lbs.)

NP17 Series: 59 Narrow Mini Series: 53

Standard Features

- Built-in Condensate Evaporator
- CFC-Free Refrigerant
- Low Temperature Control Thermostat
- EMI/RFI Suppressor
- M/TAB Mounting System
- UL/CUL Listed
- NEMA 12 Rating Maintained (UL50)♦



- ♦ Weld-nut mounting method, without M/TAB
 ▼ The transformer required to reduce 115 volt supply to 100 volts for 50 Hz compressor operation is externally mounted. Consult CED for resulting dimensional changes.
 * Switchable. Switch is internally-mounted for security.

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Controller Cooling Systems Trimline Air-Cooled

Panel-Mounted Midsize Models NP33 Series

| Model Number | BTU/H Rating | Ambient Temp. °F | | Volts | Hz | Running Amps |
|--------------|-----------------|---------------------|---------|--------|------|-----------------|
| | | Max./Min. | | | | |
| KA4C4NP33L | 4000 | 125/50 | 115/100 | 60/50 | 12.8 | |
| KA4C4NP33L56 | 4000 | 125/50 | 115 | 50/60* | 12.8 | |
| K2A4C4NP33L | 4000 | 120/50 | 230/200 | 60/50 | 5.5 | |

NP36 Series

| Model Number | BTU/H Rating | Ambient Temp. °F | | Volts | Hz | Running Amps |
|--------------|-----------------|---------------------|---------|--------|-----------|-----------------|
| | | Max./Min. | | | | |
| KA4C4NP36L | 4000 | 125/50 | 115/100 | 60/50 | 13.5 | |
| KA4C4NP36L56 | 4000 | 120/50 | 115 | 50/60* | 13.5 | |
| K2A4C4NP36L | 4000 | 125/50 | 230/200 | 60/50 | 7.5 | |
| KA4C6NP36R | 6000 | 125/50 | 115/100 | 60/50 | 16.5/17.0 | |
| KA4C6NP36R56 | 6000 | 125/50 | 115 | 50/60* | 15.5/16.5 | |
| K2A4C6NP36L | 6000 | 125/50 | 230/200 | 60/50 | 8.2 | |

Approximate Weight (lbs.)

NP33 Series: 90 NP36 Series: 125

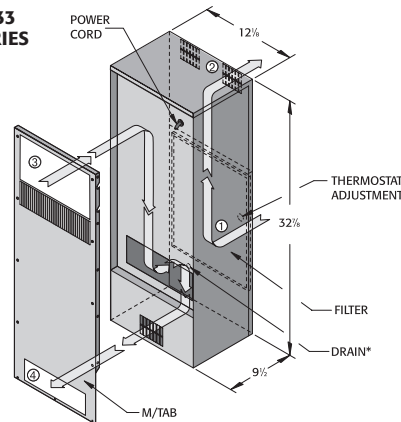
Standard Features

- Built-in Condensate Evaporator
- CFC-Free or Low ODP Refrigerant
- EMI/RFI Suppressor
- Low Temperature Control Thermostat
- M/TAB Mounting System
- NEMA 12 Rating Maintained (UL50)
- Reversible Condenser Outlet Blower
- UL/CUL Listed/Recognized♦

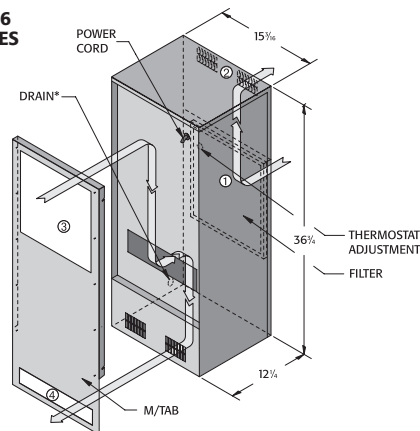


- * Switchable. Switch is internally-mounted for security.
♦ UL/CUL recognized models are available as listed at added cost.

NP33 SERIES



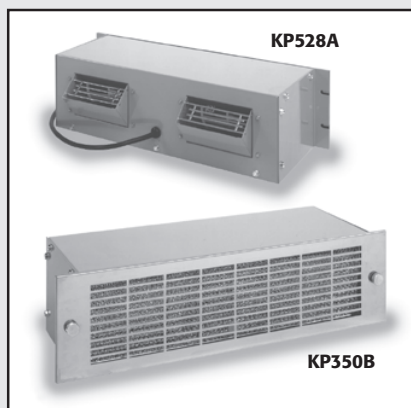
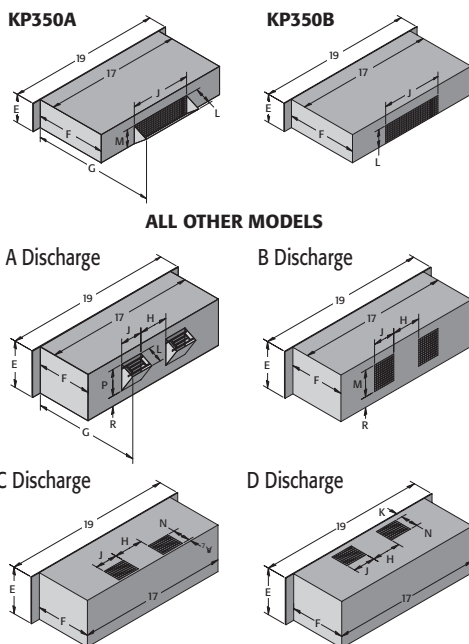
NP 36 SERIES



- ① Filtered Condenser Air Inlet (Ambient Air In)
② Condenser Outlet (Warm Ambient Air Out)
③ Warm Air Return From Enclosure
(Enclosure opening should be located as high as possible within this area, and equal or exceed size of cool air outlets.)
④ Cool Air Outlet to Enclosure

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DIMENSIONS AND DISCHARGE LOCATIONS


Controller Cooling Systems

Standard Twin Packaged Blowers

KP528A/ KP350B

Features

- Capacities: 130 to 800 CFM
- Heavy-gauge steel enclosures with EIA-notched flanges and baked powder finish
- Attractive 19-inch stainless steel grilles
- UL/CSA ball bearing motors
- Dual inlet quadruplex design for maximum airflow
- Inlet air cools motor for longer life
- Permanent filters
- Exhaust guards included
- Three foot (minimum) SJT 3-wire power cord
- Complete line of accessories

Standard Twin Packaged Blowers are the most popular Kooltronic Packaged Blower. These blowers achieve exceptional performance through use of the largest possible blower housings and wheels. Each contains a quadruplex centrifugal blower powered by a single precision ball-bearing motor.

These widely-used Standard Twin Packaged Blowers deliver air from more than 50% of their 17" width, while conventional blowers deliver air from only about 30%. Internal neoprene isolation mounts reduce transmission of vibration and AC hum to the enclosure. Long service life and trouble-free performance are assured through the use of precision ball-bearing motors in all models and by the dual inlet quadruplex design, which uses intake air to cool the motor.

Kooltronic designs and manufactures a variety of packaged blowers to meet unique specifications. Call CED to inquire about modification and custom-design capabilities.

How to Order:

Specify model number, adding discharge suffix A, B, C or D. Example: KP701A. For 230VAC operation, add a 2 after the K. Example: K2P701A.

For assistance in model selection, call CED.

Technical Data*/Dimensions (inches)

| Model Number | CFM @ 0" S.P. | Cutoff S.P. | RPM Nominal | Amps | | | Discharge Available | Maximum Panel Height | | | | | | | | | | |
|--------------|---------------|-------------|-------------|------|------|-------|---------------------|----------------------|-----|-----|----|----|-----|------|----|-----|----|-------|
| | | | | Run. | L.R. | Watts | | E | F | G | H | J | K | L | M | N | P | R |
| KP350 | 160 | 0.52 | 1500 | 1.2 | 1.6 | 90 | A B | 3½ | 8¾ | 10½ | - | 7½ | - | 2¼ | 2¼ | - | - | - |
| KP528 | 130 | 0.87 | 3150 | 0.8 | 1.3 | 65 | A B C D | 5¼ | 6¼ | 7½ | 3¼ | 2½ | 5/8 | 17/8 | 3 | 11½ | 3 | 13/16 |
| KP529 | 300 | 0.87 | 3000 | 1.4 | 1.9 | 95 | A B C D | 5¼ | 6¼ | 7½ | 4¾ | 4¾ | 5/8 | 17/8 | 3 | 11½ | 3 | 13/16 |
| KP701 | 330 | 0.42 | 1600 | 1.1 | 1.6 | 85 | A B C D | 7 | 8¼ | 10¼ | 3¼ | 4¾ | 5/8 | 4 | 5½ | 3¼ | 5½ | 7/8 |
| KP729 | 470 | 1.40 | 3250 | 1.7 | 3.1 | 185 | A B C D | 7 | 8¼ | 10¼ | 4¾ | 4¾ | 1 | 2½ | 4 | 2½ | 4 | 17/16 |
| KP877 | 525 | 0.82 | 1500 | 1.3 | 1.9 | 140 | A B C D | 8¾ | 10 | 11½ | 2½ | 5½ | 1½ | 4¾ | 6½ | 3¾ | 6½ | 13/16 |
| KP1051 | 800 | 1.00 | 1500 | 2.5 | 5.1 | 260 | A B C D | 10½ | 11½ | 13½ | 4 | 4½ | 1 | 5½ | 7½ | 4¾ | 7½ | 11¾ |

*115V, 60 Hz. operation

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Controller Cooling Systems Indoor/Outdoor



Kooltronic "Advantage" Series

Ready for indoor or outdoor installation right out of the box!

- Attractive contemporary style
- Approved for all NEMA 12 and NEMA 3R applications
- LED display monitors internal cabinet temperature

These innovative air conditioners are designed specifically for cooling electronic enclosures and can be used for both indoor and outdoor applications.

The Advantage Series exemplifies a stylish appearance with rounded edges; no visible hardware and a textured baked powder finish to blend easily with contemporary enclosure designs. Integral weather protection eliminates unsightly weather hoods, pressure switches regulate the unit's hermetic system and a patented sealing system maintains both a NEMA 12 and a NEMA 3R interface with the enclosure.

Standard features also include heavy-duty galvanized steel construction, environmentally friendly refrigerants, built-in condensate evaporator, thermostatic low temperature control, EMI/RFI surge suppressor and LED temperature display.

Available in seven heights, all utilizing the exclusive Kooltronic M/TAB integral mounting system.



RP 17 Series 17½" h x 12¾" w x 11" d

| Model Number | BTU | Volt | Hz |
|--------------|-------|------|----|
| KA4C2RP17R | 2,000 | 115 | 60 |
| K2A4C2RP17R | 2,000 | 230 | 60 |

RP 28 Series 28" h x 12¾" w x 11" d

| Model Number | BTU | Volt | Hz |
|--------------|-------|------|----|
| KA4C3RP28R | 3,000 | 115 | 60 |
| K2A4C3RP28R | 3,000 | 230 | 60 |

RP33 Series 32¾" h x 12¾" w x 11" d

| Model Number | BTU | Volt | Hz |
|--------------|-------|------|----|
| KA4C4RP33R | 4,000 | 115 | 60 |
| K2A4C4RP33R | 4,000 | 230 | 60 |

RP36 Series 36¾" h x 15¾" w x 11" d

| Model Number | BTU | Volt | Hz |
|--------------|-------|------|----|
| KA4C4RP36R | 6,000 | 115 | 60 |
| K2A4C6RP36R | 6,000 | 230 | 60 |

RP47 Series 47¼" h x 15¾" w x 13½" d

| Model Number | BTU | Volt | Hz |
|--------------|--------|------|----|
| KA3C8RP47R | 8,000 | 115 | 60 |
| K2A3C8RP47R | 8,000 | 230 | 60 |
| KA3C12RP47R | 12,000 | 115 | 60 |
| K2A3C12RP47R | 12,000 | 230 | 60 |

RP 52 Series 52½" h x 17¾" w x 15¾" d

| Model Number | BTU | Volt | Hz |
|--------------|--------|------|----|
| K2A3C18RP52R | 18,000 | 230 | 60 |

RP 55 Series 55" h x 12" w x 17" d

| Model Number | BTU | Volt | Hz |
|--------------|--------|------|----|
| K2A3C22RP55R | 22,000 | 230 | 60 |

Additional Options Available

- Cooling Effect Detector
- Low Airflow Detector
- Metal Grille
- Enclosure Heater
- Stainless Steel Shells
- Aluminum Shells
- Short Cycle Protection
- Special Paint Finishes
- Internal Corrosion Resistance

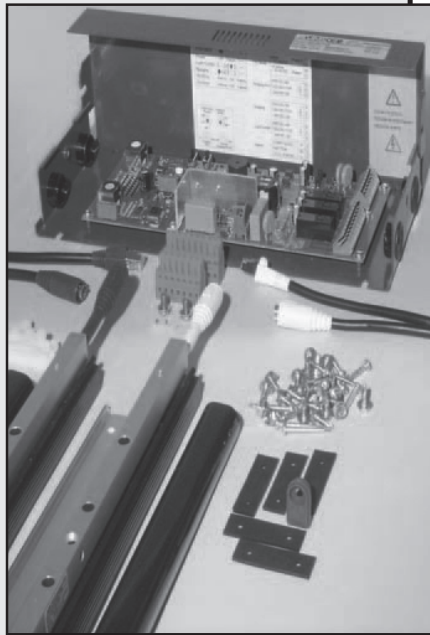
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Built-in nudging helps keep elevators moving in environments where riders are likely to hold open the doors. Nudging time is adjustable from 1 to 60 seconds

Simple installation!

Ships complete and ready to install, with the least possible number of separate components to speed installation and limit on-site assembly decisions. GateKeeper MAX's vandal-resistant features keep it working right, and out of harm's way.



Technical Data

| | |
|--------------------------------|---|
| Supply voltage | 17-265VAC/VDC; use Greenfield fittings for voltages >42V |
| Typical response time | 90 ms |
| Max. response time | 180 ms |
| Range | Up to 16ft. (5m) |
| Current | 10VA at 115/230VAC, 200mA at 24VDC |
| Fuse | 6.3A s/b (5 x 20mm) |
| Relay output (3) | AC max: 265VAC at 8.0A DC max: 125VDC at 0.5A or 24VDC at 8A DC min: 5VDC at 10.0mA (NOTE: If switching high voltage, use slave relay (not included)) |
| Fire Recall I and II | Active: 17-265VAC/VDC Inactive: 0-5VAC/VDC |
| Protection height | 71" |
| Door height | 7 to 10ft. |
| No. of light beams | Up to 154 criss-cross beams |
| Light suppression | >100,000 lux |
| Connection plugs | WAGO 6 x 5.08 |
| Cable length | 16 ft. (5m) |
| Cable extension (avail) | 10 ft. (3m) |
| Cable lifetime | 20 million door movements (if installed correctly) |
| Enclosure rating, sensors | IP65 |
| Enclosure rating, control unit | IP30 |
| Vibration/shock | IEC 68-2-6 / IEC 68-2-29 |
| Operating temp. range | -5° to +150°F (-20° to +65°C) |
| Storage temp. range | -20° to +220°F (-30° to +85°C) |
| EMC | IEC/EN 50081/50082-1, -2; EN 12015 and EN 12016 |
| CSA | B44.1/A17.5-1996 |
| Mounting kit | Complete |

Fire Recall Phase I & Phase II: life-saving protocols in an emergency

Fire Recall Phase I

If the input labeled "Fire Recall Phase I" is activated, the light curtain is disabled and nudging is enabled. The nudging buzzer sounds; it remains on during door close and until the car arrives at the designated landing. The buzzer remains on for 15 seconds after the "Fire Service Phase I" input is deactivated.

Fire Recall Phase II

If the input labeled "Fire Recall Phase II" is activated, the light curtain output is disabled. The nudging function works independent of "Fire Recall Phase II." Operation of the doors is taken over by emergency personnel. This eliminates the need for automatic re-opening and guards against false opening caused by smoke.

Edges

GateKeeper MAX™ Infrared Curtain Unit

**The only IR curtain with
Phase I/Phase II Fire Recall Service...
and it comes with nudging built in!**

Built-in nudging

Replaces separate nudging unit for easiest installation. Factory setting of 20 sec. can be reset from 1-60 sec. Nudging buzzer volume is also adjustable.

Plugs into 17-265VAC/VDC

GateKeeper MAX is the only infrared curtain that can be connected to any operating voltage from 17-265VAC/VDC with no additional wiring or modifying! Just plug it in and let it work.

Up to 154 infrared detection beams.

Integrated diagnostic circuitry

An on-board microprocessor adjusts automatically to optical conditions within protected area. As conditions change (from dust, dirt, etc.), microprocessor resets every beam for best performance under prevailing conditions.

LED current-control system

An LED drive circuit constrains emitting current to lowest possible effective level. Result: reduced stress on LEDs help extend their life to millions of hours. This feature is unique to the GateKeeper product line.

No incidents reported

With more than 150,000 units in service, not a single incident report has been recorded. This is most meaningful to anyone who has been named in a liability suit due to an unreliable door protection system.

CSA approved, Fire-Code conformant

GateKeeper MAX meets all ANSI requirements and other U.S. and Canadian performance standards. Also conforms to Phase I and Phase II Fire Codes.

Extra-wide 16-ft. operating range

Weary of measuring door openings and matching them to the right door unit? GateKeeper MAX works with all of them. One model, one part number, one great protection device. Choose 7ft. or 10ft. model according to door height.

Moving cable tested to 20,000,000 cycles

| Part Number | Description |
|---------------------|--|
| A850G7MAX | 7ft. GateKeeper MAX unit w/mounting kit; (doors up to 7ft. high) |
| A850G10MAX | 10ft. GateKeeper MAX unit w/mounting kit; (doors 7 to 10 ft. high) |
| A850G7MAX-P1 | Control unit (power supply) |
| A850G7-R1 | Receiver (with blue plug) |
| A850G7-T1 | Transmitter (with white plug) |
| A850G7-RR1 | Receiver cable, 16ft. (blue plug) |
| A850G7-RT1 | Transmitter cable, 16ft. (white plug) |
| A850G7-VS | Vision shield, 7ft. |

Questions? Answers at...

Western US: 866 CED-ELEV Eastern US: 866-253-2915
 or 866-233-3538 • Fax 562-427-8429 or 860-256-2211 • Fax 860-290-8970

GateKeeper® Infrared Curtain Unit

GateKeeper is the industry choice for uncompromising door protection

Plugs into 17-240VAC/VDC

GateKeeper and GateKeeper MAX are the only infrared curtains that can be connected to any operating voltage from 17-240VAC/VDC with no additional wiring or modifying! Just plug it in and let it work.

Up to 154 infrared detection beams

Integrated diagnostic circuitry

LED current control system

No incidents reported

CSA approved

GateKeeper meets all ANSI requirements and other U.S. and Canadian performance standards.

Extra-wide 16-ft. operating range

Moving cable tested to 20,000,000 cycles

GateKeeper® 3D

Infrared Curtain System that easily retrofits to any existing mechanical or electrical system

Easy to Install

Retrofits to ANY and ALL door protection systems without removing the existing system—even electromechanical safety-edge applications. Other 3D products require removal of the existing door safety edge in order to obtain 3D functionality.

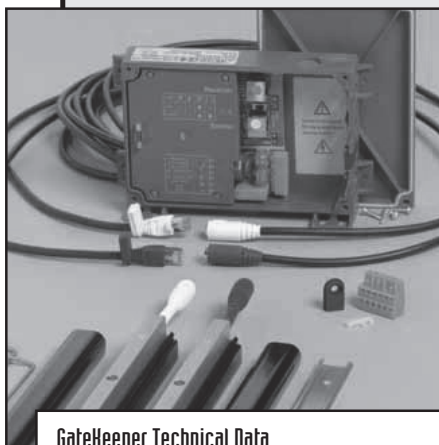
Intelligent Design

Distinguishes between static and moving objects in the 3D zone. This allows the system to override the static object's presence, enabling the door to close, thus avoiding delays.

Adjustable 3D Zone

Adjusts to aim in two dimensions. For center-opening applications, the ideal detection zone is directly in front of the door. However, for side-opening doors, the 3D sensor can also be adjusted left and right to aim the detection zone for the particular application.

| Replacement | |
|-------------------|---|
| Parts | Description |
| A850G7-HW | GateKeeper Hardware Bag |
| A850G7-MP | Mounting Profile, 7ft. |
| A850G7-P1 | GateKeeper 2000 Control Unit (power supply) |
| A850G7-R1 | Receiver (with blue plug) |
| A850G7-T1 | Transmitter (with white plug) |
| A850G7-RR1 | Receiver cable, 16ft. (blue plug) |
| A850G7-RT1 | Transmitter cable, 16ft. (white plug) |
| A850G7-SP | Spacer Profile, 7ft. |
| A850G7-T1 | Emitter White |
| A850G7-VS | Vision shield, 7ft. |



Modular connecting cables lead the list of features that make GateKeeper the easiest-to-install infrared curtain in the world.

GateKeeper Technical Data

| | |
|--------------------------------|--|
| Supply voltage | 17-240VAC/VDC; use Greenfield fittings for voltages >42V |
| Typical response time | 90 ms |
| Range | Up to 16 ft. (5m) |
| Current | 5VA at 115/240VAC 115mA at 24VDC |
| Relay output (3) | AC max: 265VAC at 8.0A DC max: 125VDC at 0.5A or 30VDC at 8A DC min: 5VDC at 10.0mA (NOTE: If switching high voltage, use slave relay (not included)) |
| Protection height | 71" |
| Door height | 7 to 10 ft. |
| No. of light beams | Up to 154 criss-cross beams |
| Light suppression | >100,000 lux |
| Connection plugs | WAGO 6 x 5.08 |
| Cable length | 16 ft. (5m) |
| Cable extension (avail) | 10 ft. (3m) |
| Cable lifetime | 20 million door movements (if installed correctly) |
| Enclosure rating, sensors | IP65 |
| Enclosure rating, control unit | IP54 |
| Vibration/shock | IEC 68-2-6, -29 |
| Operating temp. range | -5° to +150°F (-20° to +65°C) |
| Storage temp. range | -20° to +220°F (-30° to +85°C) |
| EMC | IEC/EN 50081/2, EN 12015/6 |
| CSA | B44.1/A17.5-1996 |
| Mounting kit | Complete |



The GateKeeper 3D sensor projects the invisible 'cone' of infrared light out onto the landing to detect people and objects approaching the elevator.

| Part Number | Description |
|---------------------|--|
| A850G7 | 7-ft. GateKeeper unit w/mounting kit (doors up to 7ft. high) |
| A850G10 | 10-ft. GateKeeper unit w/mounting kit (doors up to 10ft. high) |
| A850G7WP | NEW waterproof model for doors up to 7ft. high |
| A8503D | GateKeeper 3-D Sensor (includes mounting hardware). |
| A8503D100 | GateKeeper Single 3-D Rectangular Sensing Beam Kit (For use with any GateKeeper or other existing 2-D light curtain. Includes intelligent distance and motion detection, intelligent "timeout" feature, automatic door fadeout.) |
| A850EZ159 | GateKeeper EZ-159 Economy Kit with 24 VDC power |
| A850EZ159110 | GateKeeper EZ-159 Economy Kit with 110 VAC power |
| A850EZ1593D | GateKeeper EZ-159 Kit with 3-D Sensing Beam |

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Notes



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Full line catalog available upon request