

The Eaton logo, featuring the word "EATON" in a bold, black, sans-serif font with a white dot over the letter "O".The Cutler-Hammer logo, featuring the words "Cutler-Hammer" in a white, sans-serif font.

Cutler-Hammer Type CH Loadcenters

Product Focus

- The World's Finest Line of Loadcenters
- Many Exclusive Features
- Ease of Installation
- Save Time and Money

**Quality. Trust.
Value. Safety.**



Features, Benefits & Functions

Extra 1.5-inch (38.1 mm) Knockout for Bundling

Provides for easier installation, less installation time.

Commercial Grade Main Breaker

- 35 kAIC series rated main breaker in 150-225 ampere loadcenters. *Highest in the industry*
- 42 and 100 kAIC series ratings available.

Drywall Marking on Enclosure

Indicates proper mounting depth for flush applications.

One-Piece Silver Flash Plated Copper Bus

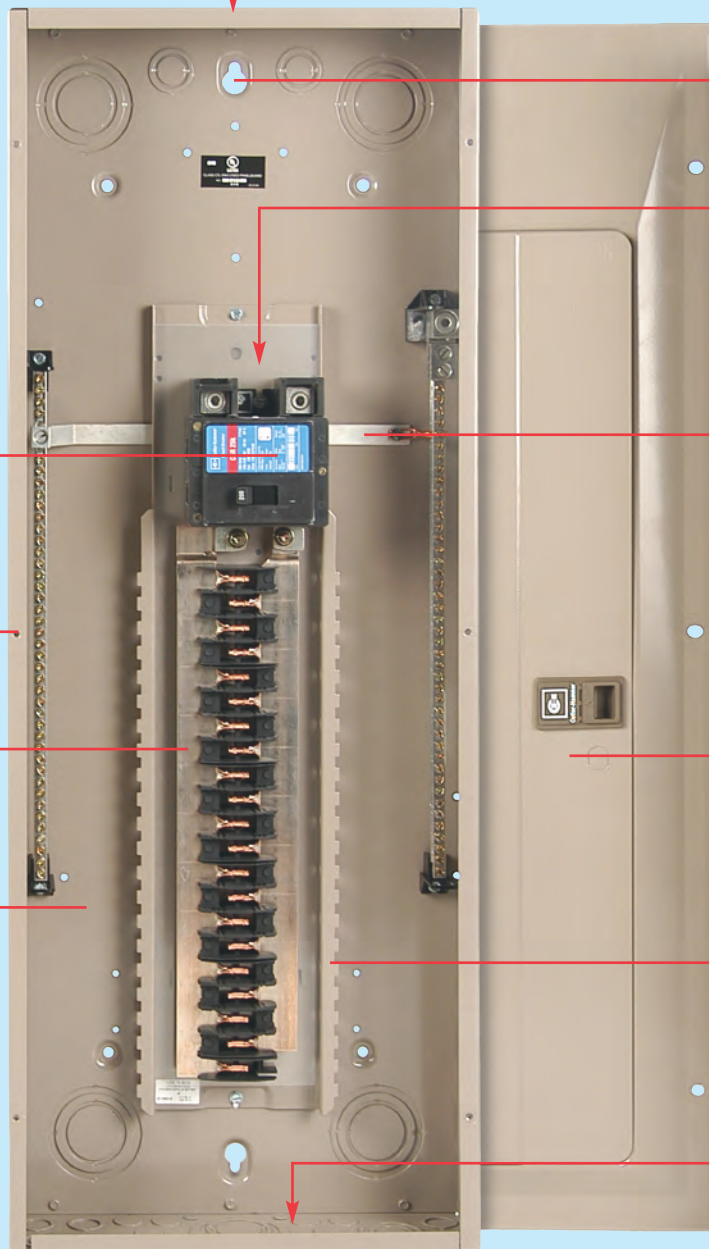
Provides superior conductivity throughout the entire product line. *Industry Exclusive!*

Unique Sandalwood Finish

Immediately recognizable, aesthetically appealing, scratch-resistant powder coating. *Industry Exclusive!*

Convertible Styles Available

- Uses field installable main breaker or main lug kits.
- Flexible inventory – same breaker is used in loadcenter and circuit breaker enclosures.



Single Keyhole Mounting

Just one keyhole at top and bottom for easier mounting and leveling.

Top or Bottom Feed

- Straight-in wiring saves labor and material.
- Only one panel for either application – no modifications necessary.

Neutral Design (For styles as indicated)

- Bonding strap is easily removable for sub-panel applications providing a ground and neutral.
- Factory bonded for service entrance applications providing a split neutral.
- Ample additional 2/0 lugs provided; no kits necessary.
- 200% size neutral.

Separately Packaged Covers

- Full line of “true” surface and combination covers.
- Built-in flush leveling feature.
- Choice of circuit identification by breaker labels or circuit directory.

Steel Backpan

- Provides positive, reliable breaker mounting.
- Industry's only one-piece design provides superior stability.

Improved Endwall Knockouts

Larger KOs are balanced to enhance installed appearance and to ease use of existing wiring. Main incoming knockout is tangential style for ease of installation.

Type CH Loadcenter

Quality.

Innovation.

Ease of Installation.

Power You Can Depend On

Trust, value and safety.
When it comes to being an electrical contractor, there is nothing you can deliver or install that means more to your customers and, ultimately, the success of your business.

That's why, every year, thousands of electrical contractors like you turn to Eaton to meet their Loadcenter needs. Simply put, no other company offers the complete range of features and benefits you'll find in the Cutler-Hammer Loadcenter collection.

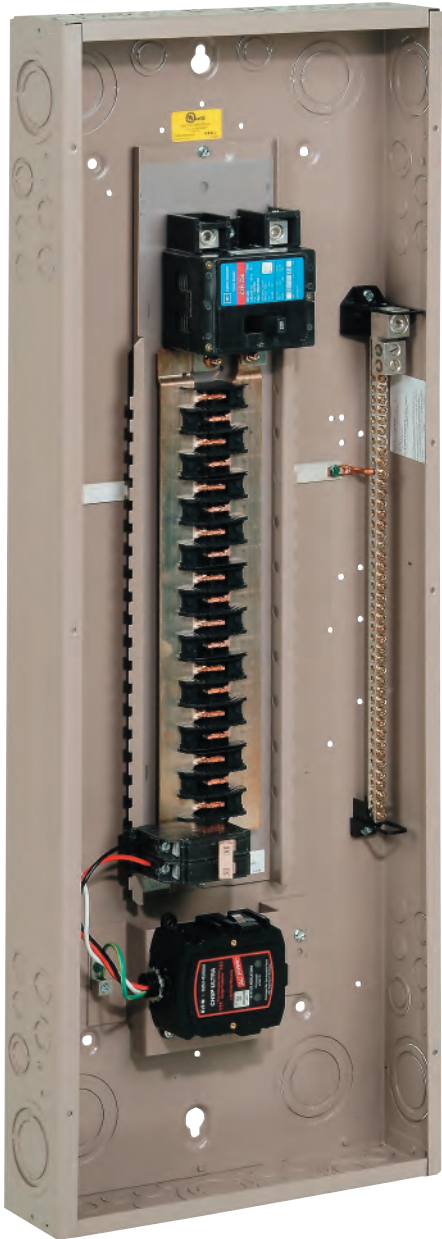


Trust.

Quality & Innovation
Mean Confidence



Whether you build luxury estates or large suburban subdivisions, homebuilders and electrical contractors want their customers to know they're getting the very best. With Cutler-Hammer residential products, you can be sure they do. At a time when many electrical manufacturers are cutting costs, we're innovating new features into our products.



- For instance, our 3/4" non-interchangeable circuit-breaker is the only breaker that automatically *trips to the "off" position*. That makes life easier for homeowners and contractors, too, by reducing needless call backs to reset breakers.
- Cutler-Hammer type CH loadcenters also feature an optional fully *integrated whole-home surge protector*. The patented "surge" design allows contractors and homebuilders to offer 75 ka per phase, whole-home AC surge protection as a standard option.
- Thanks to our innovative "*surge-ready*" panel design, electrical contractors and homebuilders can also sell surge protection as an upgrade that you can add without additional hardware or costly and time-consuming retrofitting
- *Lifetime warranty* on all circuit breakers, factory mounted surge devices and on the loadcenter itself.
- Highest standard main breaker *interrupting ratings* available in the industry. The 150-225 ampere main breakers in our type CH loadcenter are now rated 35 kAIC. That gives electrical contractors flexibility to use our standard product in a wide variety of applications.
- Our uniquely designed renovation panel has features making service upgrades quick and easy.
 - UL listed terminal blocks for cable splicing.
 - Stacked neutrals at the top of the loadcenter to account for short wires.



Value.

Easy Installation Puts Money In Your Pocket

If you're like most electrical contractors, the cost and availability of skilled labor is one of your most daunting challenges. Cutler-Hammer Loadcenters are designed to help.

Electrical contractors consistently report that our Loadcenters are the easiest and quickest to install in the industry. Among our installer-friendly features...



- Full line include *one-piece silver plated copper bus*, for superior conductivity.
- We design our top and bottom main knock-outs to be "*tangential*," which allows for quicker, easier installation by your technicians while eliminating the need for conduit offsets. Straight-in wiring saves labor and material.
- Our *separately packaged covers* included pre-printed circuit numbering strips and a blank circuit directory. They also have a built-in flush leveling feature aiding in fast installation.
- We make one panel for top and bottom feeding for universal installation. There's no need to modify the panel to fit your needs. *Single keyhole mounting* at the top and bottom of the panel make for easy mounting and leveling, too.
- *Large knock-outs* are balanced to enhance installed appearance and ease the use of existing wiring.
- Our *one-piece steel backpan* provides stability as well as positive, reliable breaker mounting.
- *Drywall markings* on our enclosures indicate proper mounting depth for flush applications.
- A *200% neutral* makes neutral connection easier, providing ample neutral holes.
- Ample *additional 2/0 subfeed lug* provided with the neutral assembly as standard; no kits necessary.
- Main breaker panels are *factory bonded* for service entrance applications, providing a split neutral. No bonding kit required.
- Type CH loadcenters offer a unique *sandlewood finish*.

Safety.

We Deliver Peace of Mind

Best-in-class surge protection helps prevent damage to sensitive electronics, such as computers and televisions. But that's hardly our most important safety feature. All of our loadcenters are equipped to use Arc Fault Circuit Interrupters to save circuits from the dangerous arcing faults responsible for so many residential fires, and Ground Fault Circuit Interrupters to protect people from deadly shock hazards while protecting appliances too.





The Right Choice

When you make great products, it's easy to back them up. That's why Eaton offers the industry's most comprehensive warranty. Type CH loadcenter and breakers carry a lifetime warranty. Combine that with the ease of installation, exceptional quality and the broadest and most flexible line-up of products, and you get Loadcenters that protect your reputation as vigorously as they protect your customers' homes.

Our complete line of residential products includes generators, surge protection, Air conditioner disconnects and metering. For more information on these, or to learn about how Cutler-Hammer loadcenters by Eaton can help you build your business call **1-800-525-2000** or visit **www.EatonElectrical.com**.

Eaton Corporation is a diversified industrial manufacturer with 2004 sales of \$9.8 billion. Eaton is a global leader in fluid power systems and services for industrial, mobile and aircraft equipment; electrical systems and components for power quality, distribution and control; automotive engine air management systems, powertrain solutions and specialty controls for performance, fuel economy and safety; and intelligent truck drivetrain systems for safety and fuel economy. Eaton has 55,000 employees and sells products to customers in more than 125 countries. For more information, visit www.eaton.com.

Eaton Electrical, Inc.
1000 Cherrington Parkway
Moon Township, PA 15108
United States
tel:1-800-525-2000
www.EatonElectrical.com

EAT•N

Cutler-Hammer

Proud Sponsor of



CSA is a registered trademark of the Canadian Standards Association. ANSI is a registered trademark of the American National Standards Institute. UL and cUL are federally registered trademarks of Underwriters Laboratories Inc. Cutler-Hammer is a federally registered trademark of Eaton Corporation. NEMA is the registered trademark and service mark of the National Electrical Manufacturers Association.

© 2005 Eaton Corporation
All Rights Reserved
Printed in USA
Pub. No. BR00301004E
October 2005