



Cutler-Hammer

Motor Control Center Retrofit Units

Product Focus

MCC Competitive
Retrofit Units

Eaton Corporation's Cutler-Hammer MCC Retrofit Units can help solve customer problems with competitive MCCs that are not currently supported by the original manufacturer.

- Federal Pacific
- General Electric
- ITE / Gould
- Siemens Marq 21
- Sylvania Clark
- Telemecanique
- and others...

Factory Retrofit:

We replace the starter (Advantage), the breaker and handle mechanism. A new door is provided for most competitors' units. The original



unit, pan and stabs are refurbished.

Panel Retrofit:

New components are mounted on a "panel" that is easily installed into the competitor's unit. Includes new pan, starter, breaker, handle mechanism and door if available. *(Requires field installation by Cutler-Hammer Engineering Services & Systems (CHESS) or a qualified contractor.)*

Utilizing the

Advantage Starter:

The Advantage Starter is smaller than other designs. In fact, 20-80% smaller. It is particularly well suited to a retrofit – it boasts solid-state motor protection and it has no heaters. If you add communications in the future, the Advantage Starter has the capacity built into its on-board microchip.

MCC Aftermarket – Main Plant in Fayetteville, NC (suffix FVU)

- Northeast, Midwest – 910-677-5229
- Toll Free – 1-800-OLD-UNIT (653-8648)
- South, West – 910-677-5374
- Fax Line – 910-677-5272



GE® 7700

UL Statement

Our typical retrofit units do not void the original equipment structure UL label because it normally covers the structure and bus system. The entire MCC structure would retain its original UL 845 listing. The original equipment unit label should be removed because the unit has been changed. We build all new and competitive retrofit units using UL 845 practices along with new UL recognized components.

Pricing Sheet

Original Manufacturer	Series	FVNR Starter Size	Single Feeder Breaker	Panel w/ Door Retrofit	Factory Retrofit	New Door
Allis Chalmers	Mark 2	1 thru 2	150A (max.)		✓	
Allen Bradley	798	1 thru 4	150A		✓	
Arrow Hart		1 thru 2	150A		✓	
① FPE*	5320/5325	1 thru 5	150A ②	✓	✓	✓
General Electric	7700/8000	1 thru 4	150A	✓	✓	✓
① Gould*	5600	1 thru 4	150A	✓	✓	✓
① ITE*	5600	1 thru 4	150A	✓	✓	✓
Klockner-Moeller		1 thru 4	150A		✓	
Siemens	Marq 21	1 thru 4	150A		✓	✓
Siemens Allis		1 thru 2	150A			
② ① Square D	Model 3	1 thru 5	600A			✓
Square D	Model 4 (CF)	1 thru 4	150A			
① " Sylvania Clark*	6200	1 thru 4	150A		✓	✓
① Telemecanique*	5600	1 thru 4	150A	✓	✓	✓

Square D (Models 5) can not be done due to break/stab configuration. Consult factory for starter and feeder configurations not listed.

① Customer's original unit not required; factory supplied completely new

② Dual feeder available; max. amp not greater than 300 combined

* Can be produced with Freedom Starters

Pricing Statement

Pricing is for panel, factory, or new units, regardless of original manufacturer.

Starters	Panel	Factory/New
FVNR Size 1	1446	2525
FVNR Size 2	1742	3117
FVNR Size 3	2733	3706
FVNR Size 4	5017	7132
FVNR Size 5	CF	CF

Feeders

HFD50	1430	1896
HFD100	2056	2617
HFD150	2336	2942
HJD250	CF	CF

How to Price a Starter Unit

- 1) Identify the original manufacturer of the unit.
- 2) Determine choices available from chart.
- 3) Select starter size – establish base price.
- 4) Select control source – CPT or source.
- 5) Select starter modifications – pilot devices, etc.
- 6) Add base price, control source price and modifications price for total list price.

How to Price a Feeder Unit

- 1) Identify the original manufacturer of the unit.
- 2) Only disconnect type available is HFD breaker.
- 3) Select price per amperage rating from list.

Order retrofits on Vista (suffix FVU).

For complete instructions go to

<http://www.ch.etn.com/organization/fayetteville/htm/vista.htm>

Modifications

Description	List Price
Cpt Size 1,2	351
Cpt Size 3,4	498
Separate Source	260
Pushbutton-2	145
Selector Switch	152
PTT Light	218
Std Ind. Light	157
Str. Aux. Contacts	120
Mini AMM, VN, ETM	512
Overld. Bell Alarm	271
Illum. Reset PB	388
Timer-SS 300V	562
Relay 300V	300
WPONI	1495
ACM-Status Only	562
• HOA	643
• Start/Stop	680
• HOA/S-S	825
ACM-Meter Mod.	1178
Heaters	125

Delivery

Allow 2-4 weeks for new units.

Allow 3 weeks for panel retrofits.

Allow 4 weeks for factory retrofits.

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