



# DIRECT-EXPANSION COOLERS

# 10F,G

## INTRODUCTION

This catalog presents the most commonly used replacement parts for the Standard 10F & G Direct Expansion Coolers, and is not applicable to special units.

## ORDERING INSTRUCTIONS

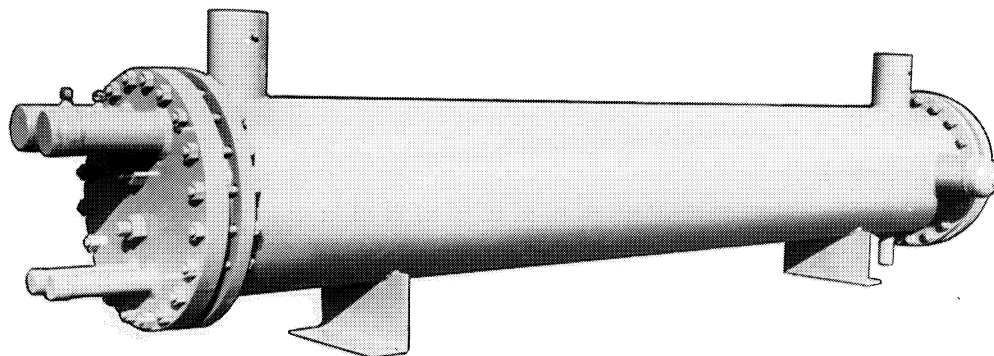
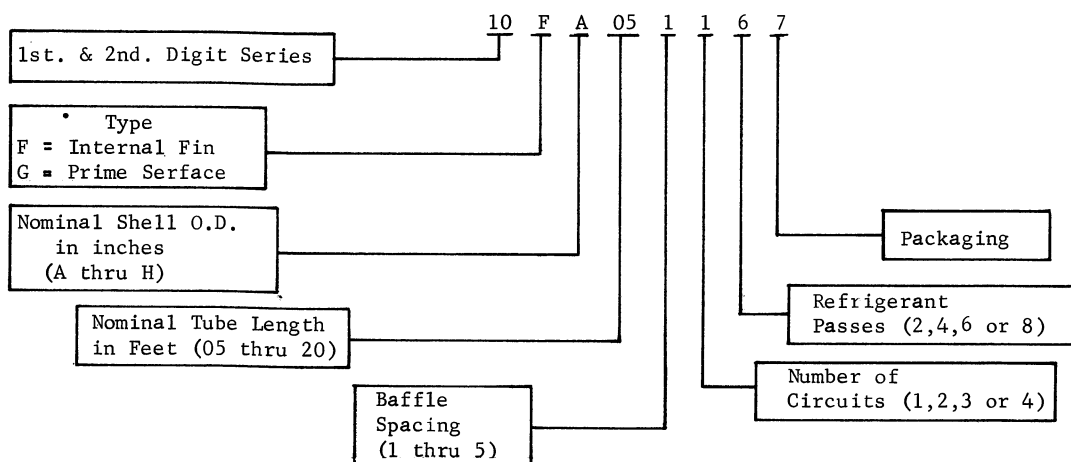
All orders and inquiries should include the following:

- A. The complete model, and serial number of the unit on which the parts are to be used and the part number and description of each part.
- B. When ordering replacement parts, a 10FG - Prefix should be added to the part numbers shown in this catalog.  
Example: 10FG-B-10243.

- C. Forward orders to: Carrier Air Conditioning Co.  
CAC Parts Center  
P.O. Box 845  
Syracuse, New York 13204

## MODEL NUMBER SIGNIFICANCE

Refer to Cooler Nameplate for model number.



10F,G Cooler-Straight Tube



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| CARRIER MODEL NUMBER (10 F OR G) |       |     |            |         |   |                   | REPLACEMENT PART NUMBERS |                   |                |                            |            |          |           |
|----------------------------------|-------|-----|------------|---------|---|-------------------|--------------------------|-------------------|----------------|----------------------------|------------|----------|-----------|
| A-H                              | 05-20 | 1-5 | 1-4<br>(*) | 2,4,6,8 | 7 | HEADS             |                          | HEAD GASKETS      |                | HEAD BOLTS, NUTS & WASHERS |            |          |           |
|                                  |       |     |            |         |   | CONNECTION<br>END | REAR                     | CONNECTION<br>END | REAR<br>( ** ) | TOTAL<br>NO. EA.           | BOLT       | NUT      | WASHER    |
| A                                |       |     | 1          | 2       |   | B-10243           | B-7040                   | B-2385            | B-2385         | 20                         | D-18472-19 | D-1677-4 | D-1685-10 |
| A                                |       |     | 1          | 4       |   | C-8145-1          | B-2070                   | "                 | "              | "                          | "          | "        | "         |
| A                                |       |     | 1          | 6       |   | C-8145-2          | B-2068                   | "                 | "              | "                          | "          | "        | "         |
| A                                |       |     | 1          | 8       |   | C-8145-3          | B-1962                   | B-1968            | B-1969         | "                          | "          | "        | "         |
| A                                |       |     | 2          | 2       |   | B-10250           | B-7169                   | B-2385            | B-2385         | "                          | "          | "        | "         |
| A                                |       |     | 2          | 4       |   | B-10169           | B-7495                   | "                 | "              | "                          | "          | "        | "         |
| A                                |       |     | 2          | 6       |   | B-14123           | B-10527                  | D-6463-1          | "              | "                          | "          | "        | "         |
| A                                |       |     | 2          | 8       |   | B-5418            | B-5456                   | C-7403            | C-7404         | "                          | "          | "        | "         |
| B                                |       |     | 1          | 2       |   | B-10242           | B-7076                   | B-4417            | B-4417         | 32                         | D-18472-20 | D-1677-4 | D-1685-10 |
| B                                |       |     | 1          | 4       |   | C-8145-4          | B-2095                   | B-2379            | B-2379         | "                          | "          | "        | "         |
| B                                |       |     | 1          | 6       |   | C-8145-5          | B-2097                   | B-4417            | B-4417         | "                          | "          | "        | "         |
| B                                |       |     | 1          | 8       |   | C-8145-6          | B-2099                   | "                 | "              | "                          | "          | "        | "         |
| B                                |       |     | 2          | 2       |   | B-10253           | B-7607                   | B-4417            | B-4417         | "                          | D-18472-18 | "        | "         |
| B                                |       |     | 2          | 4       |   | B-4852            | B-4851                   | "                 | "              | "                          | "          | "        | "         |
| B                                |       |     | 2          | 6       |   | B-5214            | B-7465                   | "                 | "              | "                          | "          | "        | "         |
| B                                |       |     | 2          | 8       |   | B-4626            | B-4393                   | "                 | "              | "                          | "          | "        | "         |
| C                                |       |     | 1          | 2       |   | B-10254           | C-13761-28               | 3-2391            | B-2391         | 32                         | D-18472-19 | D-1677-4 | D-1685-10 |
| C                                |       |     | 1          | 4       |   | C-8705-1          | C-13761-9                | "                 | "              | "                          | "          | "        | "         |
| C                                |       |     | 1          | 6       |   | C-8705-2          | C-13761-10               | "                 | "              | "                          | "          | "        | "         |
| C                                |       |     | 1          | 8       |   | C-8705-3          | C-13761-11               | "                 | "              | "                          | "          | "        | "         |
| C                                |       |     | 2          | 2       |   | B-10252           | B-7290                   | B-2391            | B-2391         | 32                         | "          | "        | "         |
| C                                |       |     | 2          | 4       |   | C-8146-1          | B-2184                   | "                 | "              | "                          | "          | "        | "         |
| C                                |       |     | 2          | 6       |   | C-8146-2          | B-2186                   | "                 | "              | "                          | "          | "        | "         |
| C                                |       |     | 2          | 8       |   | C-8146-3          | B-2188                   | "                 | "              | "                          | "          | "        | "         |
| C                                |       |     | 3          | 2       |   | B-19137           | B-19138                  | B-19149           | B-19149        | "                          | "          | "        | "         |
| C                                |       |     | 3          | 4       |   | B-16830           | B-16955                  | "                 | "              | "                          | "          | "        | "         |
| C                                |       |     | 3          | 6       |   | B-6404            | B-6405                   | "                 | "              | "                          | "          | "        | "         |
| C                                |       |     | 3          | 8       |   | B-8395            | B-8396                   | "                 | "              | "                          | "          | "        | "         |

## 10F & G DIRECT EXPANSION COOLERS

| CARRIER MODEL NUMBER (10 F OR G) |       |     |            |         |   | REPLACEMENT PART NUMBERS |            |                   |                |                           |            |          |           |
|----------------------------------|-------|-----|------------|---------|---|--------------------------|------------|-------------------|----------------|---------------------------|------------|----------|-----------|
| A-H                              | 05-20 | 1-5 | 1-4<br>(*) | 2,4,6,8 | 7 | HEADS                    |            | HEAD GASKETS      |                | HEAD BOLTS, NUTS & WASHER |            |          |           |
|                                  |       |     |            |         |   | CONNECTION<br>END        | REAR       | CONNECTION<br>END | REAR<br>( ** ) | TOTAL<br>NO. EA.          | BOLT       | NUT      | WASHER    |
| D                                |       |     | 1          | 2       |   | B-10667                  | C-13761-12 | B-2392            | B-2392         | 36                        | D-18472-18 | D-1677-4 | D-1685-10 |
| D                                |       |     | 1          | 4       |   | B-12649                  | C-13761-13 | "                 | "              | "                         | "          | "        | "         |
| D                                |       |     | 1          | 6       |   | C-8705-5                 | C-13761-14 | "                 | "              | "                         | "          | "        | "         |
| D                                |       |     | 1          | 8       |   | C-8705-6                 | C-13761-15 | "                 | "              | "                         | "          | "        | "         |
| D                                |       |     | 2          | 2       |   | B-10595                  | B-8144     | B-2392            | B-2392         | "                         | "          | "        | "         |
| D                                |       |     | 2          | 4       |   | C-8146-4                 | B-7581     | "                 | "              | "                         | "          | "        | "         |
| D                                |       |     | 2          | 6       |   | C-8146-5                 | B-7583     | "                 | "              | "                         | "          | "        | "         |
| D                                |       |     | 2          | 8       |   | C-8146-6                 | B-7585     | "                 | "              | "                         | "          | "        | "         |
| D                                |       |     | 3          | 2       |   | B-7805                   | B-7806     | B-7825            | B-7825         | "                         | D-18472-20 | "        | "         |
| D                                |       |     | 3          | 4       |   | B-7807                   | B-7808     | "                 | "              | "                         | "          | "        | "         |
| D                                |       |     | 3          | 6       |   | B-19139                  | B-19140    | "                 | "              | "                         | "          | "        | "         |
| D                                |       |     | 3          | 8       |   | B-9932                   | B-9933     | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 1          | 2       |   | B-10255                  | C-13761-16 | 30AA680005        | 30AA680005     | 40                        | D-18472-19 | D-1677-4 | D-1685-10 |
| E                                |       |     | 1          | 4       |   | B-9700                   | C-13761-17 | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 1          | 6       |   | B-7189                   | C-13761-18 | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 1          | 8       |   | B-7190                   | C-13761-19 | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 2          | 2       |   | B-10245                  | B-8108     | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 2          | 4       |   | B-7185                   | 3-7143     | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 2          | 6       |   | B-7186                   | B-6671     | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 2          | 8       |   | B-7187                   | 3-7145     | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 3          | 2       |   | B-9894                   | B-9895     | B-19150           | B-19150        | "                         | "          | "        | "         |
| E                                |       |     | 3          | 4       |   | B-8821                   | B-8822     | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 3          | 6       |   | B-8823                   | B-8824     | "                 | "              | "                         | "          | "        | "         |
| E                                |       |     | 3          | 8       |   | B-5895                   | B-5896     | "                 | "              | "                         | "          | "        | "         |



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| CARRIER MODEL NUMBER (10F OR G)    |  |  |   |   |  | REPLACEMENT PART NUMBERS |            |                   |                |                            |            |          |           |  |
|------------------------------------|--|--|---|---|--|--------------------------|------------|-------------------|----------------|----------------------------|------------|----------|-----------|--|
| A-H 05-20 1-5 1-4 2,4,6,8 7<br>(*) |  |  |   |   |  | HEADS                    |            | HEAD GASKETS      |                | HEAD BOLTS, NUTS & WASHERS |            |          |           |  |
|                                    |  |  |   |   |  | CONNECTION<br>END        | REAR       | CONNECTION<br>END | REAR<br>( ** ) | TOTAL<br>NO. EA.           | BOLT       | NUT      | WASHER    |  |
| F                                  |  |  | 1 | 2 |  | B-19141                  | C-13761-20 | 30AA680011        | 30AA680011     | 40                         | D-18472-20 | D-1677-4 | D-1685-10 |  |
| F                                  |  |  | 1 | 4 |  | B-5757                   | C-13761-21 | "                 | "              | "                          | "          | "        | "         |  |
| F                                  |  |  | 1 | 6 |  | B-5902                   | C-13761-22 | "                 | "              | "                          | "          | "        | "         |  |
| F                                  |  |  | 1 | 8 |  | B-19143                  | C-13761-23 | "                 | "              | "                          | "          | "        | "         |  |
| F                                  |  |  | 2 | 2 |  | B-10256                  | B-7009     | 30AA680011        | 30AA680011     | "                          | "          | "        | "         |  |
| F                                  |  |  | 2 | 4 |  | B-4929                   | B-4930     | "                 | "              | "                          | "          | "        | "         |  |
| F                                  |  |  | 2 | 6 |  | B-4931                   | B-4932     | "                 | "              | "                          | "          | "        | "         |  |
| F                                  |  |  | 2 | 8 |  | B-4933                   | B-4934     | "                 | "              | "                          | "          | "        | "         |  |
| F                                  |  |  | 3 | 2 |  | B-9009                   | B-9010     | B-5890            | B-5890         | "                          | "          | "        | "         |  |
| F                                  |  |  | 3 | 4 |  | B-5852                   | B-5853     | "                 | "              | "                          | "          | "        | "         |  |
| F                                  |  |  | 3 | 6 |  | B-5883                   | B-5884     | "                 | "              | "                          | "          | "        | "         |  |
| F                                  |  |  | 3 | 8 |  | B-5365                   | B-5366     | "                 | "              | "                          | "          | "        | "         |  |
| G                                  |  |  | 1 | 2 |  | B-19145                  | C-13761-24 | 30AA680018        | 30AA680018     | 52                         | D-18472-20 | D-1677-4 | D-1685-10 |  |
| G                                  |  |  | 1 | 4 |  | B-5967                   | C-13761-25 | "                 | "              | "                          | "          | "        | "         |  |
| G                                  |  |  | 1 | 6 |  | B-19147                  | C-13761-26 | "                 | "              | "                          | "          | "        | "         |  |
| G                                  |  |  | 1 | 8 |  | B-6073                   | C-13761-27 | "                 | "              | "                          | "          | "        | "         |  |
| G                                  |  |  | 2 | 2 |  | B-10244                  | B-8830     | 30AA680018        | 30AA680018     | "                          | "          | "        | "         |  |
| G                                  |  |  | 2 | 4 |  | B-7967                   | B-4702     | "                 | "              | "                          | "          | "        | "         |  |
| G                                  |  |  | 2 | 6 |  | B-4700                   | B-4704     | "                 | "              | "                          | "          | "        | "         |  |
| G                                  |  |  | 2 | 8 |  | B-4701                   | B-4703     | "                 | "              | "                          | "          | "        | "         |  |
| G                                  |  |  | 3 | 2 |  | B-8597                   | B-7394     | ZA0021-1655       | ZA0021-1655    | "                          | "          | "        | "         |  |
| G                                  |  |  | 3 | 4 |  | B-5043                   | B-5044     | "                 | "              | "                          | "          | "        | "         |  |
| G                                  |  |  | 3 | 6 |  | B-5880                   | B-5881     | "                 | "              | "                          | "          | "        | "         |  |
| G                                  |  |  | 3 | 8 |  | B-5819                   | B-5817     | "                 | "              | "                          | "          | "        | "         |  |

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|----------------------------------|-------|-----|------------|---------|---|--|--------------------------|-----------------------------|-------------------|----------------|----------------------------|------------|----------|-----------|
|                                  |       |     |            |         |   |  | HEADS                    |                             | HEAD GASKETS      |                | HEAD BOLTS, NUTS & WASHERS |            |          |           |
| A-H                              | 05-20 | 1-5 | 1-4<br>(*) | 2,4,6,8 | 7 |  | CONNECTION<br>END        | REAR                        | CONNECTION<br>END | REAR<br>( ** ) | TOTAL<br>NO. EA.           | BOLT       | NUT      | WASHER    |
| H                                |       |     | 2          | 2       |   |  | B-10263                  | B-10167                     | B-4554            | B-4554         | 60                         | D-18472-23 | D-1677-5 | D-1685-11 |
| H                                |       |     | 2          | 4       |   |  | B-8549                   | B-4528                      | "                 | "              | "                          | "          | "        | "         |
| H                                |       |     | 2          | 6       |   |  | B-8040                   | B-5086                      | "                 | "              | "                          | "          | "        | "         |
| H                                |       |     | 2          | 8       |   |  | B-5562                   | B-5561                      | "                 | "              | "                          | "          | "        | "         |
| H                                |       |     | 3          | 2       |   |  | B-10383                  | B-10384                     | B-19151           | B-19151        | "                          | "          | "        | "         |
| H                                |       |     | 3          | 4       |   |  | B-12736                  | B-6712                      | "                 | "              | "                          | "          | "        | "         |
| H                                |       |     | 3          | 6       |   |  | B-5563                   | B-5564                      | "                 | "              | "                          | "          | "        | "         |
| H                                |       |     | 3          | 8       |   |  | B-7297                   | B-7298                      | "                 | "              | "                          | "          | "        | "         |
| REPLACEMENT COOLER TUBES         |       |     |            |         |   |  |                          |                             |                   |                |                            |            |          |           |
| Internal Fin Copper Tube         |       |     |            |         |   |  | D-18669                  | Please State Cooler Model   |                   |                |                            |            |          |           |
| Prime Surface Tube               |       |     |            |         |   |  | D-18670                  | Number When Ordering Tubes. |                   |                |                            |            |          |           |

(\*) SERVICE PARTS NUMBERS AS SHOWN ONLY FOR 1,2 OR 3 CIRCUIT UNITS. A 4 CIRCUIT UNIT IS SPECIAL AND AVAILABLE ONLY FOR UNITS HAVING SHELL DIAMETERS 20", 24" OR 30". PARTS FOR THESE UNITS WILL BE AVAILABLE UPON COMPLETION OF AN ORDER IF REQUESTED.

(\*\*) WHERE REAR HEAD GASKET PART NUMBER IS THE SAME AS CONNECTION END HEAD GASKET PART NUMBER, THE GASKET IS OF THE COMPOSITE TYPE AND USEABLE ON EITHER HEAD BY CUTTING OUT UNREQUIRED PASS PARTITION WEBS.