

Rationale for Close Out

The Los Angeles Area Office recommends that the Masco ID file be closed. The effectiveness of its program is 54%. The Area Office conducted 10 effectiveness checks. All of the firms were found to be implementing the corrective action program as reported to CEPD. The company will continue to replace any connectors it learns about.

We believe the degree of effectiveness is such that no further corrective actions should be sought and no further Commission resources to monitor the plan should be expended. Therefore, we have closed the file.

cc: LOS

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M

December 23, 1980

Mr. John K. O'Connor, Chief  
Hazard Evaluation Branch  
Product Defect Correction Division  
U. S. Consumer Product Safety Commission  
1111 18th Street, N. W.  
Washington, D.C. 20207

Dear Mr. O'Connor:

This is a partial response to your letter of October 17, 1980, concerning the construction of flexible metal connectors produced in the 1960's by certain manufacturers.

All of the manufacturers mentioned by name in your letter and which were served by the Cleveland Laboratories, [REDACTED]

[REDACTED]  
the [REDACTED], ceased production of connectors in mid 1968 or earlier. We have no information concerning a company or trade name [REDACTED] however, the trade name [REDACTED] was used by [REDACTED], a Cleveland, Ohio, company.

The remaining companies mentioned in your letter are West Coast manufacturers and we have asked our Pacific Coast Branch Laboratories to forward any information available. Such information will be relayed to you within the next few days.

Since the four companies noted above ceased production more than ten years ago, we no longer have detailed construction records available and can only report such information as appears or is implied in the listings published in our Directory. Following are our comments:

[REDACTED] was last listed in the Directory of Certified Appliances and Accessories in July 1968. In an earlier Directory (1962) there is no indication of construction; however, in the 1968 Directory the listing for each connector refers to "using seamless corrugated admiralty brass tubing of one-piece construction" or "appliance connectors, swaged ends, using corrugated admiralty brass tubing". Connectors identified in this manner would not likely have brazed end ferrules.

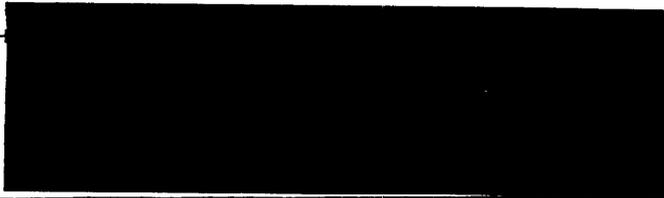
[REDACTED] was last listed in the January 1962 Directory. These connectors are identified as having brazed end fittings. Due to the similarity in models and listing, we believe these were actually manufactured by Cobra.

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950	C	C
1951	C	C
1952	C	C
1953	C	C
1954	C	C
1955	C	C
1956	C	
1957	A	
1958		A
1959		
1960		
1961		
1962		
1963		
1964		
1965	A, B	A, B
1966	A, B	A, B
1967	B	

Code Definition:

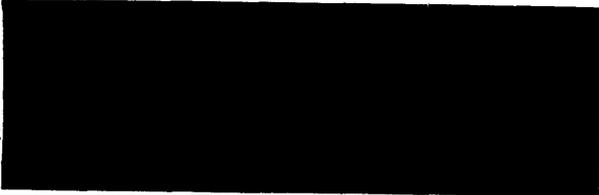
- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown

+ - The listing appearing in the July 1958 Directory and earlier issues was under the name No change in address. This company continues to be listed in the 1980 Directories as a manufacturer of design certified connectors.

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962	C	C
1963	C	B
1964	B	B
1965	B	B
1966	B	B
1967	B	

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown
- + - The listing appearing in the January 1967 Directory and earlier issues was under the name No change in address. This company continues to be listed in the 1980 Directories as a manufacturer of design certified connectors.

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		C
1955	C	C
1956	C	A
1957	A	A
1958	A	A, C
1959	C	C
1960		
1961		
1962		
1963	C	
1964	B	B
1965	B	B
1966	B	B
1967	B	

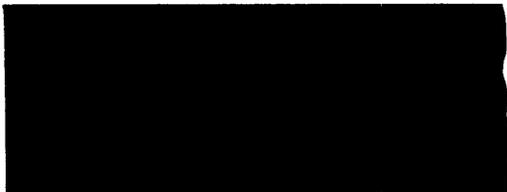
Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or  Lining
- C - Unknown
- + - This company continues to be listed in the 1980 Directories as a manufacturer of design certified connectors.

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RECORD OF CORRUGATED APPLIANCE-CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		B
1965	B	B
1966	B	B
1967	B	

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown

+ - The successor company is:   
Detroit, Michigan 48202, which currently makes design certified connectors.

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RECORD OF CORRUGATED APPLIANCE-CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name: [REDACTED]

Address: [REDACTED]

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950	C	C
1951	C	C
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or [REDACTED] Lining
- C - Unknown

RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name: Cobra Metal Hose Division  
DK Manufacturing Company

Address: 5059 South Kedzie Avenue  
Chicago, Illinois 60632

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		C
1956	C	C
1957	A, C	A, C
1958	A, C	A, C
1959	A, C	A, C
1960	A, C	A, C
1961	A, C	
1962	A, B	A, B
1963	A, B	A, B
1964	A, B	+B, C
1965		
1966		
1967		

Code Definition:

A - Brazed or Welded

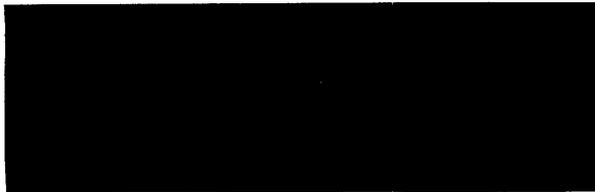
B - Brazeless, Seamless, Swaged, Double Wall or ████████ Lining

C - Unknown

+ - CP Fittings Division, Essex Wire Corporation, Andrews, Indiana, appears to have taken over the Cobra line between July and December of 1964.

RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		C
1955	A	A
1956	A	A
1957	A	A
1958	A	
1959		
1960		
1961		
1962		
1963		
1964	C	
1965		C
1966	C	C
1967	C	

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown
- + - This company was last listed in January 1972 Directory.

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:

Address

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957	A, C	
1958		
1959		
1960		
1961		
1962	A	
1963		
1964		
1965		
1966	B	B
1967	B	

Code Definition:

A - Brazed or Welded

B - Brazeless, Seamless, Swaged, Double Wall or Lining

C - Unknown

+ - The successor company, Los Angeles, California 90021, currently makes design certified connectors.

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955	C	C
1956	C	C
1957	C	C
1958	C	
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		

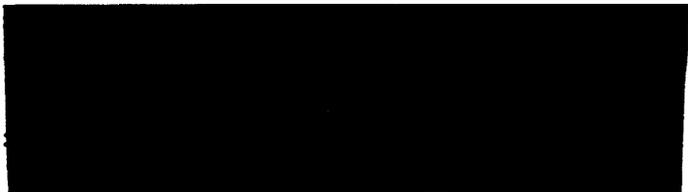
Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown

223

RECORD OF CORRUGATED APPLIANCE-CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		C
1953	C	C
1954	C	C
1955	C	C
1956	C	C
1957	C	C
1958	C	C
1959	C	A, C
1960	C	A
1961	A	A, C
1962	C	A, C
1963	A, C	+ A, C
1964	B	B
1965	B	B
1966	B	B
1967	B	

Code Definition:

A - Brazed or Welded

B - Brazeless, Seamless, Swaged, Double Wall or Lining

C - Unknown

+ - The successor company, at the above address, currently makes design certified connectors.

**RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER**

Name:



Address

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965	B	B
1966	B	B
1967	B	

**Code Definition:**

A - Brazed or Welded

B - Brazeless, Seamless, Swaged, Double Wall or  Lining

C - Unknown

+ - This division was last listed in the July 1970 Directory. In the January 1967 Directory and earlier issues this division was known as   No change in address.

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**RECORD OF CORRUGATED APPLIANCE-CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER**

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950	C	A, C
1951	A, C	A, C
1952	A, C	A, C
1953	A, C	A, C
1954	A, C	A, C
1955	A, C	A, C
1956	A, C	A, C
1957	A, C	A, C
1958	A, C	A, B, C
1959	A, B, C	A, B, C
1960	A, B, C	B, C
1961	B, C	B, C
1962	B, C	B, C
1963	B, C	B, C
1964	B, C	B, C
1965	+ B, C	B, C
1966	B, C	B, C
1967	B, C	

**Code Definition:**

A - Brazed or Welded

B - Brazeless, Seamless, Swaged, Double Wall or Lining

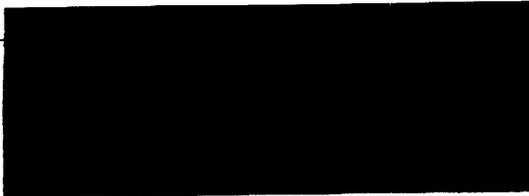
C - Unknown

+ - The successor company, Street, Los Angeles, California 90021, currently makes design certified connectors.

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**RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER**

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		B
1967	B	

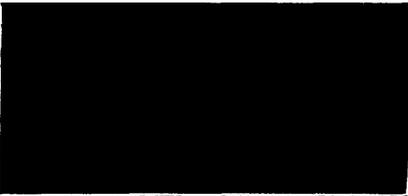
**Code Definition:**

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or  Lining
- C - Unknown
- + - This company was last listed in the July 1967 Directory.

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RECORD OF CORRUGATED APPLIANCE-CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



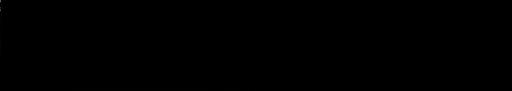
Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952	C	C
1953	C	
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown

**RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER**

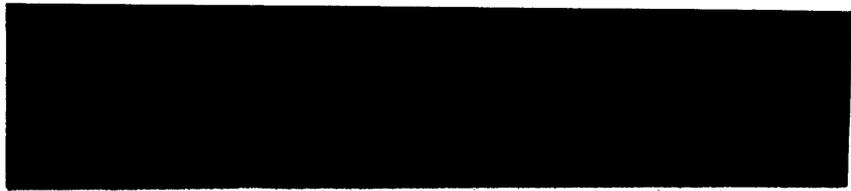
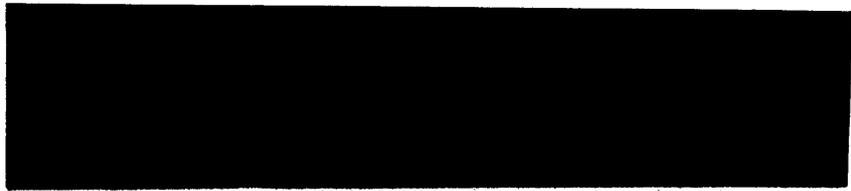
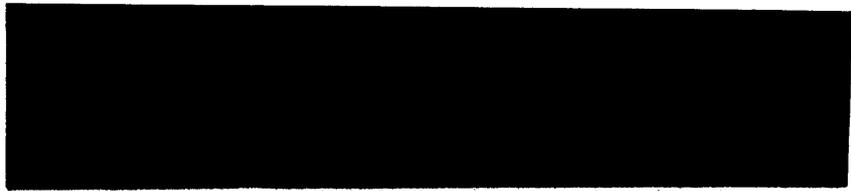
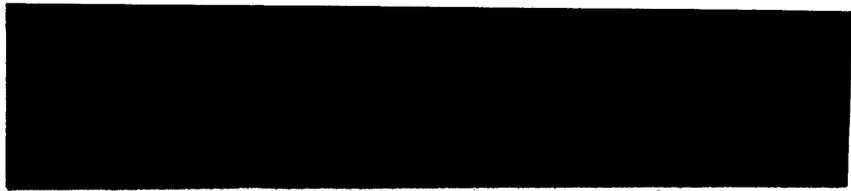
Name: +   
Address: 

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950	C	C
1951	C	C
1952	C	C
1953	C	
1954	C	C
1955	C	C
1956	C	+C
1957	C	C
1958	C	A, C
1959	A, C	A, C
1960	A, C	A, C
1961	A, C	C
1962	C	C
1963	C	C
1964	C	C
1965	B, C	B, C
1966	B, C	C
1967	B, C	

**Code Definition:**

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or  Lining
- C - Unknown

+ - The organization now known as , has borne the following names during the periods indicated below with no changes in address and continues to be listed in the 1980 Directories as a manufacturer of design certified connectors:

- January 1968 to Date - 
- January 1963 to July 1967 - 
- July 1956 to July 1962 - 
- January 1950 to January 1956 - 

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**RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER**

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964	C	C
1965	C	C
1966	C	C
1967	C	

**Code Definition:**

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown

+ - This company continues to be listed in the 1980 Directories for another type of device.

RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950	C	C
1951	C	C
1952	C	C
1953	C	C
1954	C	C
1955	C	C
1956	C	C
1957	C	C
1958	C	C
1959	C	C
1960	C	C
1961	C	C
1962	C	C
1963	C	C
1964		
1965		
1966		
1967		

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown

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**RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER**

Name: [REDACTED]

Address: [REDACTED]

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950	A	A
1951	A	A
1952	A	A
1953	A	A
1954		
1955	C	C
1956	A, C	A, C
1957	A, C	A, C
1958	A, C	A
1959	C	C
1960	C	C
1961	C	C
1962	C	B, C
1963	B, C	B, C
1964		
1965		
1966		
1967		

**Code Definition:**

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or [REDACTED] Lining
- C - Unknown

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**RECORD OF CORRUGATED APPLIANCE-CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER**

Name: [REDACTED]

Address: [REDACTED]

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		C
1954	C	C
1955	C	C
1956	C	C
1957	C	C
1958	A, C	A, C
1959	C	+ C
1960	C	C
1961	C	C
1962	C	C
1963		
1964		
1965		
1966		
1967		

**Code Definition:**

A - Brazed or Welded

B - Brazeless, Seamless, Swaged, Double Wall or [REDACTED] Lining

C - Unknown

+ - Status of company changes from manufacturer to dealer as of July 1959 issue.  
Dealer models appear to have been made by [REDACTED]

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**RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER**

Name: [REDACTED]

Address: [REDACTED]

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		+ C
1962		
1963		
1964		
1965		
1966		
1967		

**Code Definition:**

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or [REDACTED] Lining
- C - Unknown
- + - Models appear to have been made by [REDACTED]

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
 LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
 MANUFACTURER

Name: [REDACTED]

Address: [REDACTED]

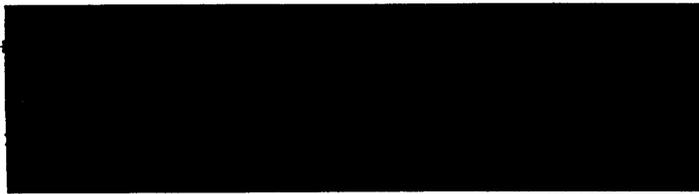
Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966	C	C
1967	C	

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or [REDACTED] Lining
- C - Unknown

**RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER**

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		B
1967	B	

**Code Definition:**

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or  Lining
- C - Unknown
- + - This company was last listed in the January 1973 Directory.

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		C
1956	C	C
1957	C	A
1958	A	A
1959	A	A
1960	A	A
1961	A	A
1962	A	
1963		
1964		
1965		
1966		
1967		

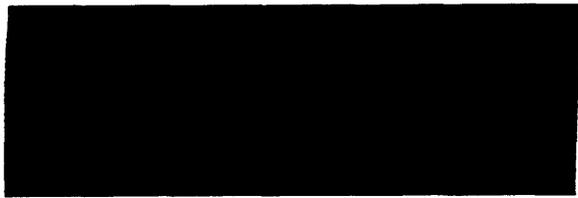
Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954	C	C
1955	A, C	A, C
1956	A, C	A, C
1957	A, C	A, C
1958	A, C	A, C
1959	A, C	C
1960	A, C	A, C
1961	A, C	
1962	A, B	+ A, B
1963		
1964		
1965		
1966		
1967		

Code Definition:

A - Brazed or Welded

B - Brazeless, Seamless, Swaged, Double Wall or Lining

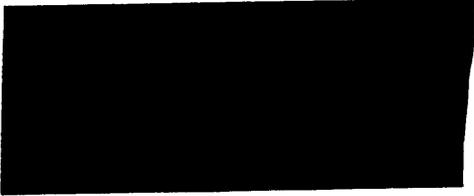
C - Unknown

+ - Status of company changed from manufacturer to dealer as of July 1962 issue of the Directory. Dealer models appear to have been made by Cobra Metal Hose Division, DK Manufacturing Company.

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
 LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
 MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954	C	C
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown

239

RECORD OF CORRUGATED APPLIANCE CONNECTORS  
 LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
 MANUFACTURER

Name: + [REDACTED]

Address [REDACTED]

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967	B	

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or [REDACTED] Lining
- C - Unknown
- + - This company continues to be listed in the 1980 Directories.

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name: +

Address



Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		B
1964	B	B
1965	B	B
1966	B	B
1967	B	

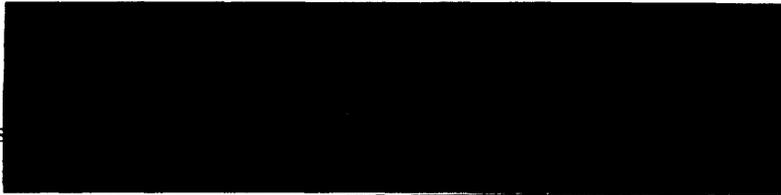
Code Definition:

- A - Brazed or Welded -
- B - Brazeless, Seamless, Swaged, Double Wall or  Lining
- C - Unknown
- + - This company was last listed in the July 1973 Directory.

241

RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name:



Address:

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959	A	A
1960	A	A
1961	A	
1962		
1963		
1964		
1965		
1966		
1967		

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown
- + - All models appear to have been made by

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RECORD OF CORRUGATED  
 LISTING IN DIRECTORY OF CERTAIN  
 MANUFACTURERS

MANUFACTURERS' ASSOCIATION

Name:



Address:

Manufacturer:

Year of Directory	Connector Classified in January Issue	Listing
1950		
1951		
1952		
1953		
1954	C	
1955	C	
1956	C	
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		

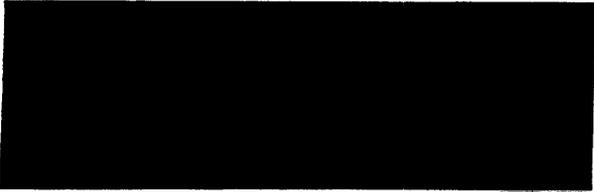
Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, etc.
- C - Unknown

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RECORD OF CORRUGATED APPLIANCE CONNECTORS  
 LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
 MANUFACTURER

Name:



Address

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961	C	C
1962		
1963		
1964		
1965		
1966		
1967		

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or Lining
- C - Unknown

244

RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name: + [REDACTED]

Address [REDACTED]

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965	B	B
1966	B	B
1967	B	

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or [REDACTED] Lining
- C - Unknown
- + - This company was last listed in the July 1968 Directory.

245

RECORD OF CORRUGATED APPLIANCE CONNECTORS  
LISTING IN DIRECTORY OF CERTIFIED APPLIANCES AND ACCESSORIES  
MANUFACTURER

Name: [REDACTED]

Address: [REDACTED]

Year of Directory	Connector Classification - Code Defined Below Listing	
	January Issue	July Issue
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959	C	
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		

Code Definition:

- A - Brazed or Welded
- B - Brazeless, Seamless, Swaged, Double Wall or [REDACTED] Lining
- C - Unknown