

HVAC-R COPPER TUBE AND FITTINGS

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Expert Service. Quality Products. Since 1960.

HVAC-R COPPER TUBE AND FITTINGS

INTRODUCTION

Wrot and Cast Copper Fittings

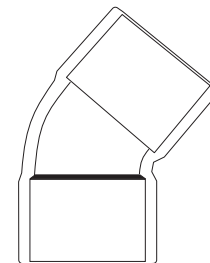
In 1930, Mueller invented and pioneered the now famous Streamline solder type copper fitting. This development led to making all copper plumbing the standard of the industry. Today, Mueller offers one of the industry's most complete lines of copper products from one source. Included are wrot and cast pressure and DWV fittings. Mueller's many years of engineering know-how and experience are reflected in the fine quality and workmanship of each copper fitting.

- Meets applicable ANSI/ASME standards: B16.22, B16.29, B16.18, B16.15, B16.26, B16.24, B16.23
- NSF Approved
- Made in the USA

45° ELBOW — CONNECTION C × C

| | | |
|----------------------|-------------------|------------------|
| Mueller Style WE-504 | Elkhart Style 106 | Nibco Style 9606 |
|----------------------|-------------------|------------------|

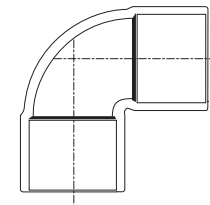
| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|----------|---------|
| 709284 | W03026 | 5/8 | 50 |
| 709308 | W03030 | 3/4 | 50 |
| 709309 | W03034 | 7/8 | 25 |



90° ELBOW — SHORT RADIUS — CONNECTION C × C

| | | |
|----------------------|---------------------|--------------------|
| Mueller Style WE-500 | Elkhart Style 107-C | Nibco Style 9607-1 |
|----------------------|---------------------|--------------------|

| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|----------|---------|
| 709318 | W02003 | 1/4 | 50 |
| 709320 | W02009 | 3/8 | 50 |
| 709322 | W02017 | 1/2 | 50 |
| 709324 | W02022 | 5/8 | 100 |
| 709328 | W02034 | 7/8 | 50 |
| 709330 | W02047 | 1-1/8 | 25 |
| 709332 | W02084 | 1-3/8 | 10 |
| 709333 | W02085 | 1-5/8 | 10 |



90° ELBOW — LONG RADIUS — CONNECTION C × C

| | | |
|-----------------------|---------------------|---------------------|
| Mueller Style WE-500L | Elkhart Style 107-L | Nibco Style 9607-LT |
|-----------------------|---------------------|---------------------|

| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|----------|---------|
| 709270 | W02710 | 5/16 | 50 |
| 709272 | W02716 | 3/8 | 50 |
| 709300 | W02717 | 1/2 | 50 |
| 709274 | W02722 | 5/8 | 50 |
| 709276 | W02728 | 3/4 | 50 |
| 709278 | W02734 | 7/8 | 25 |
| 709303 | W02747 | 1-1/8 | 10 |
| 709336 | W02055 | 1-3/8 | 10 |
| 709338 | W02063 | 1-5/8 | 5 |
| 709337 | W02072 | 2-1/8 | 5 |

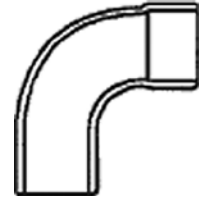


HVAC-R COPPER TUBE AND FITTINGS

90° ELBOW — SHORT RADIUS STREET — CONNECTION FTG × C

| | | |
|----------------------|-----------------------|--------------------|
| Mueller Style WE-503 | Elkhart Style 107-C-2 | Nibco Style 9607-2 |
|----------------------|-----------------------|--------------------|

| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|----------|---------|
| 709346 | W02312 | 3/8 | 50 |
| 709329 | W02334 | 7/8 | 25 |



90° ELBOW — LONG RADIUS STREET — CONNECTION FTG × C

| | | |
|-----------------------|-----------------------|-----------------------|
| Mueller Style WE-503L | Elkhart Style 107-L-2 | Nibco Style 9607-2-LT |
|-----------------------|-----------------------|-----------------------|

| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|----------|---------|
| 709273 | W02809 | 3/8 | 50 |
| 709339 | W02817 | 1/2 | 50 |
| 709275 | W02822 | 5/8 | 50 |
| 709277 | W02828 | 3/4 | 25 |
| 709279 | W02834 | 7/8 | 25 |
| 709335 | W02847 | 1-1/8 | 10 |
| 709340 | W02350 | 1-3/8 | 10 |
| 709341 | W02355 | 1-5/8 | 5 |

45° ELBOW — STREET — CONNECTION FTG × C

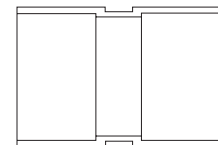
| | | |
|----------------------|---------------------|--------------------|
| Mueller Style WE-505 | Elkhart Style 106-2 | Nibco Style 9606-2 |
|----------------------|---------------------|--------------------|

| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|----------|---------|
| 709301 | W03330 | 3/4 | 50 |

COUPLING — ROLLED STOP — CONNECTION C × C

| | | |
|----------------------|----------------------|---------------------|
| Mueller Style WC-400 | Elkhart Style 100-RS | Nibco Style 9600-RS |
|----------------------|----------------------|---------------------|

| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|----------|---------|
| 709250 | W01003 | 1/4 | 100 |
| 709251 | W01006 | 5/16 | 50 |
| 709252 | W01009 | 3/8 | 50 |
| 709253 | W01017 | 1/2 | 50 |
| 709254 | W01022 | 5/8 | 50 |
| 709256 | W01028 | 3/4 | 25 |
| 709259 | W01034 | 7/8 | 25 |
| 709262 | W01047 | 1-1/8 | 10 |
| 709298 | W01055 | 1-3/8 | 25 |
| 709299 | W01063 | 1-5/8 | 10 |
| 709257 | W01072 | 2-1/8 | — |



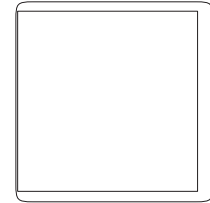
— E.&O.E. — All Prices F.O.B. Our Warehouse — Subject to Change Without Notice — All Taxes Extra — May not be Available at All Branches —

HVAC-R COPPER TUBE AND FITTINGS

CAP — CONNECTION C

| | | |
|----------------------|-------------------|------------------|
| Mueller Style WE-415 | Elkhart Style 117 | Nibco Style 9617 |
|----------------------|-------------------|------------------|

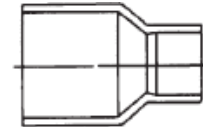
| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|----------|---------|
| 709312 | W07004 | 3/8 | 50 |
| 709314 | W07006 | 1/2 | 50 |
| 709315 | W07007 | 5/8 | 50 |



COUPLING — REDUCING — CONNECTION C x C

| | | |
|-----------------------|---------------------|------------------|
| Mueller Style WC-400R | Elkhart Style 101-R | Nibco Style 9600 |
|-----------------------|---------------------|------------------|

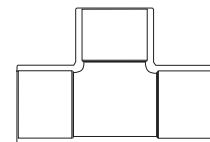
| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|---------------|---------|
| 709291 | W01019 | 1/2 x 3/8 | 50 |
| 709267 | W01021 | 1/2 x 1/4 | 50 |
| 709292 | W01023 | 5/8 x 1/2 | 100 |
| 709293 | W01025 | 5/8 x 3/8 | 100 |
| 709263 | W01027 | 5/8 x 1/4 | 100 |
| 709266 | W01029 | 3/4 x 5/8 | 100 |
| 709294 | W01035 | 7/8 x 3/4 | 100 |
| 709295 | W01036 | 7/8 x 5/8 | 50 |
| 709296 | W01049 | 1-1/8 x 7/8 | 25 |
| 709264 | W01073 | 2-1/8 x 1-5/8 | - |



TEE — CONNECTION C x C x C

| | | |
|----------------------|-------------------|------------------|
| Mueller Style WT-600 | Elkhart Style 111 | Nibco Style 9611 |
|----------------------|-------------------|------------------|

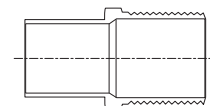
| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|----------|---------|
| 709380 | W40306 | 1/4 | 100 |
| 709382 | W04000 | 3/8 | 50 |
| 709384 | W04001 | 1/2 | 50 |
| 709386 | W04006 | 5/8 | 50 |
| 709289 | W04017 | 3/4 | 25 |
| 709388 | W04031 | 7/8 | 25 |
| 709390 | W04048 | 1-1/8 | 10 |
| 709389 | W04068 | 1-3/8 | 5 |



ADAPTER — MALE — CONNECTION C x MPT

| | | |
|----------------------|-------------------|------------------|
| Mueller Style WC-401 | Elkhart Style 104 | Nibco Style 9604 |
|----------------------|-------------------|------------------|

| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|-----------|---------|
| 709280 | W01130 | 5/8 x 3/4 | 25 |

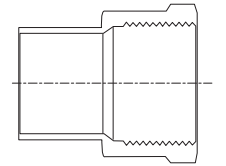


HVAC-R COPPER TUBE AND FITTINGS

ADAPTER — FEMALE — CONNECTION C × FPT

| | | |
|----------------------|-------------------|------------------|
| Mueller Style WC-402 | Elkhart Style 103 | Nibco Style 9603 |
|----------------------|-------------------|------------------|

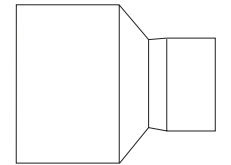
| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|-----------|---------|
| 709281 | W01230 | 5/8 × 3/4 | 25 |
| 709282 | W01246 | 7/8 × 3/4 | 25 |



FITTING REDUCER — CONNECTION FTG × C

| | | |
|----------------------|-------------------|--------------------|
| Mueller Style WC-403 | Elkhart Style 118 | Nibco Style 9600-2 |
|----------------------|-------------------|--------------------|

| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|--------|---------------|---------|
| 709350 | W01306 | 3/8 × 1/4 | 50 |
| 709351 | W01312 | 1/2 × 3/8 | 50 |
| 709352 | W01315 | 5/8 × 1/2 | 50 |
| 709353 | W01317 | 5/8 × 3/8 | 50 |
| 709268 | W01320 | 3/4 × 5/8 | 100 |
| 709355 | W01325 | 7/8 × 3/4 | 50 |
| 709356 | W01326 | 7/8 × 5/8 | 50 |
| 709357 | W01337 | 1-1/8 × 7/8 | 25 |
| 709358 | W01343 | 1-3/8 × 1-1/8 | 10 |
| 709349 | W01345 | 1-3/8 × 7/8 | 10 |
| 709359 | W01350 | 1-5/8 × 1-3/8 | 10 |



COPPER TUBE STRAP — TWO-HOLE

| | | |
|-----------------------|-------------------|------------------|
| Mueller Style WS-1100 | Elkhart Style 120 | Nibco Style 9624 |
|-----------------------|-------------------|------------------|

| ITEM # | MODEL | SIZE (") | CTN/QTY |
|--------|-------|----------|---------|
| 709100 | A1203 | 1/4 | 100 |
| 709102 | A1278 | 3/8 | 100 |
| 709104 | A1366 | 1/2 | 100 |
| 709106 | A2529 | 5/8 | 100 |
| 709108 | A1467 | 3/4 | 100 |
| 709110 | A2574 | 7/8 | 50 |
| 709112 | A2614 | 1-1/8 | 50 |
| 709114 | A2650 | 1-3/8 | 50 |
| 709116 | A2675 | 1-5/8 | 50 |



HVAC-R COPPER TUBE AND FITTINGS

REFRIGERATION SERVICE TUBING — COPPER

| ITEM # | SIZE (") O.D. | DESCRIPTION |
|--------|---------------|-----------------|
| 709220 | 1/4 | 1/4" × 50 ft. |
| 709221 | 5/16 | 5/16" × 50 ft. |
| 709222 | 3/8 | 3/8" × 50 ft. |
| 709223 | 1/2 | 1/2" × 50 ft. |
| 709224 | 5/8 | 5/8" × 50 ft. |
| 709225 | 3/4 | 3/4" × 50 ft. |
| 709226 | 7/8 | 7/8" × 50 ft. |
| 709227 | 1-1/8 | 1-1/8" × 50 ft. |

ACR TYPE L NITRO TUBING

| ITEM # | SIZE (") O.D. | DESCRIPTION |
|--------|---------------|-----------------|
| 709090 | 1/4 | 1/4" × 12 ft. |
| 709092 | 3/8 | 3/8" × 12 ft. |
| 709070 | 1/2 | 1/2" × 12 ft. |
| 709072 | 5/8 | 5/8" × 12 ft. |
| 709074 | 3/4 | 3/4" × 12 ft. |
| 709076 | 7/8 | 7/8" × 12 ft. |
| 709078 | 1-1/8 | 1-1/8" × 12 ft. |
| 709080 | 1-3/8 | 1-3/8" × 12 ft. |
| 709082 | 1-5/8 | 1-5/8" × 12 ft. |
| 709086 | 2-1/8 | 2-1/8" × 12 ft. |

HVAC-R COPPER TUBE AND FITTINGS

LINE SETS

Line sets consist of two semi-flexible copper pipes to connect the outdoor air conditioner or heat pump to the indoor evaporator coil. The smaller pipe is called the liquid line 3/8" (LL). The larger pipe is referred to as the suction line 3/4", 7/8" or 1-1/8" (SL), and includes insulation. They are manufactured in accordance with the American Society for Testing and Materials (ASTM) standard specification B280.

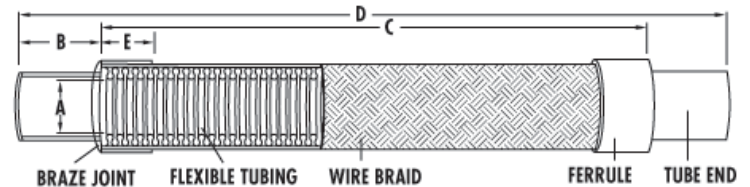
| RECOMMENDED INTERCONNECTING TUBING (FT) | | | | | | | | |
|---|------------------------|--------|---------|--------|---------|--------|---------|--------|
| COLD UNIT TONS | 0-25 | | 26-50 | | 51-75 | | 76-150 | |
| | LINE DIAMETER (IN. OD) | | | | | | | |
| | SUCTION | LIQUID | SUCTION | LIQUID | SUCTION | LIQUID | SUCTION | LIQUID |
| 1-1/2 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 |
| 2 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 |
| 2-1/2 | 3/4 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 |
| 3 | 3/4 | 3/8 | 7/8 | 3/8 | 1-1/8 | 3/8 | 1-1/8 | 3/8 |
| 3-1/2 | 3/4 | 3/8 | 1-1/8 | 3/8 | 1-1/8 | 3/8 | 1-1/8 | 3/8 |
| 4 | 7/8 | 3/8 | 1-1/8 | 3/8 | 1-1/8 | 3/8 | 1-1/8 | 3/8 |
| 5 | 7/8 | 3/8 | 1-1/8 | 3/8 | 1-1/8 | 3/8 | 1-1/8 | 3/8 |

| ITEM # | MODEL | DESCRIPTION |
|--------|-------|---------------------|
| 709633 | 89J60 | 3/8 × 7/8 × 30 ft.* |
| 709632 | 89J62 | 3/8 × 7/8 × 50 ft.* |
| 709631 | 89J57 | 3/8 × 3/4 × 30 ft.* |
| 709630 | 89J59 | 3/8 × 3/4 × 50 ft.* |

* Suction line is insulated with 3/8" insulation.

LINE SET VIBRATION ABSORBERS

- Sixteen models available to fit copper tubing from 1/4" through 4-1/8" O.D.
- Each unit pressure and vacuum tested, cleaned, dehydrated and sealed in plastic film
- UL and CSA approved



| ITEM # | MODEL | TUBING ACTUAL OD (") | TUBING NOMINAL ID (") | A (") | D (") | MAXIMUM WORKING PRESSURE (PSIG) | BURST PRESSURE (PSIG) |
|--------|--------|----------------------|-----------------------|-------|--------|---------------------------------|-----------------------|
| 836766 | VAF-3 | 3/8 | 1/4 | 3/8 | 8-1/4 | 620 | 3100 |
| 836768 | VAF-5 | 5/8 | 1/2 | 1/2 | 9-3/4 | 620 | 3100 |
| 836771 | VAF-6 | 3/4 | 5/8 | 1/2 | 10 | 620 | 3100 |
| 836770 | VAF-7 | 3/4 | 5/8 | 3/4 | 11-1/4 | 620 | 3100 |
| 836772 | VAF-8 | 7/8 | 3/4 | 3/4 | 11-1/2 | 620 | 3100 |
| 836773 | VAF-9 | 1-1/8 | 1 | 1 | 13 | 540 | 2700 |
| 836774 | VAF-10 | 1-3/8 | 1-1/4 | 1-1/4 | 14-3/4 | 540 | 2700 |

NOTES: Due to a continuous program of product improvement, specification and dimensions are subject to change without notice.

For unusual installations, vibration absorbers can be provided in special lengths or with PVC coating to protect them from condensation and freezing. Please consult your local ECCO Supply™ representative with requirements.