

# CERTIFICATE OF LISTING

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**Licensee: Viega Technology GmbH & Co. KG, Viega Platz 1, Attendorn, NRW, Germany 57439**

**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

**IDENTIFICATION:** Each fitting shall be permanently marked with the manufacturer's name or trademark, nominal size or sizes, legend "PW" or "Potable Water" when intended for potable water applications, and the UMC-I™ certification mark.

**CHARACTERISTICS:** Copper and copper alloy press type fittings with rubber O-rings. The press joint is made with a special hydraulic compression tool. To be installed in accordance with the manufacturer's instructions and the latest edition of the Uniform Mechanical Code - India. Products comply with the applicable sections of the latest edition of the Uniform Mechanical Code - India. Manufactured in compliance with IAPMO PS 117-2016<sup>e1</sup>. Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to applicable requirements of ISO/IEC 17025.

*K. Chandrasekhar*

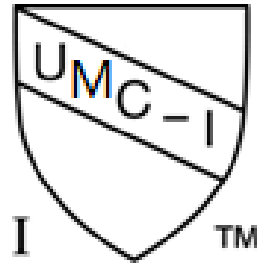
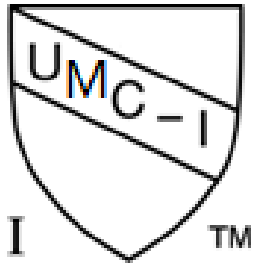
**Dr. K. Chandrasekhar**  
**IAPMO India**

*Russ Chaney*

**GP Russ Chaney**  
**CEO, The IAPMO Group**



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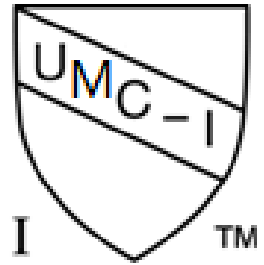
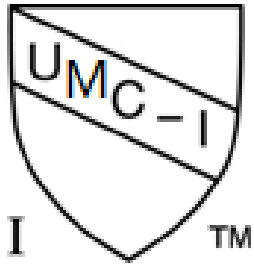
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

MODELS:

Model #	Description	Dimension	Material
2211	Straight, Press X Male NPT	12	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP
		15	
		18	
		22	
		28	
		35	
		42	
2212	Straight, Press X Female NPT	12	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP
		15	
		18	
		22	
		28	
		35	
		42	
2214.2	Elbow, Press X Press	12	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP
		15	
		18	
		22	
		28	
		35	
		42	
54			

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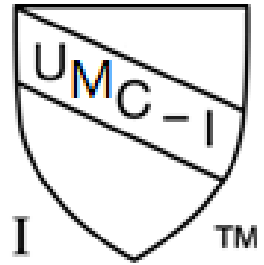
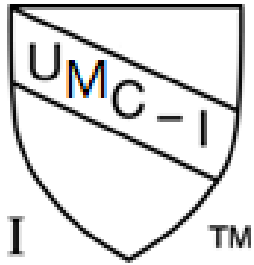
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

Model #	Description	Dimension	Material
2215	Straight, Press X Press	12	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP
		15	
		18	
		22	
		28	
		35	
		42	
2225.5	Elbow with mounting bracket, Press X Female NPT	12	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP
		15	
		18	
		22	
		28	
		35	
		42	
		54	

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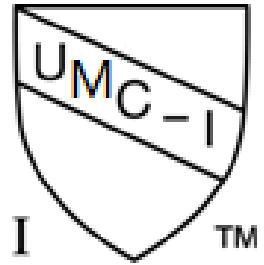
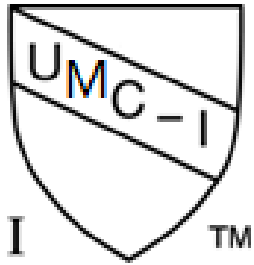
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Model #	Description	Dimension	Material
2214	bend 90°	12 X 3/8 12 X 1/2 15 X 3/8 15 X 1/2 15 X 3/4 18 X 1/2 18 X 3/4 28 X 1 35 X 11/4 42 X 11/2 54 X 2	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP
22141	elbow 90°	15 X 1/2	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP

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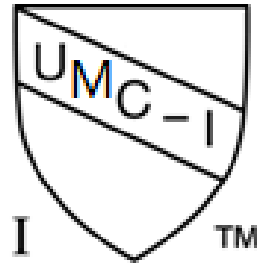
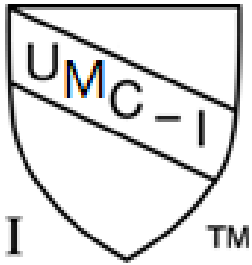
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Model #	Description	Dimension	Material
22142	elbow 90°	12 X 3/8 12 X 1/2 15 X 3/8 15 X 1/2 15 X 3/4 18 X 1/2 18 X 3/4 22 X 1/2 22 X 3/4 22 X 1 28 X 1/2 28 X 3/4 28 X 1 35 X 1 1/4 42 X 1 1/2 54 X 2	Bronze (gunmetal) CC499K  or  Silicon Bronze –CC246E CuSi4Zn9MnP
22143	Plug-in elbow 90°	15 X 1/2	Bronze (gunmetal) CC499K  or  Silicon Bronze –CC246E CuSi4Zn9MnP

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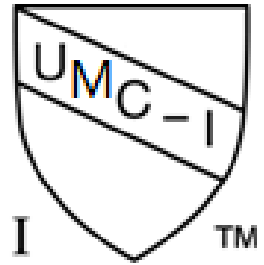
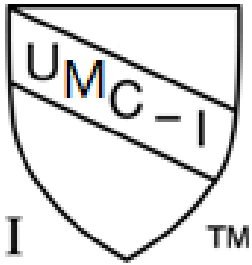
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Model #	Description	Dimension	Material
2416	bend 90°	12 15 18 22 28 35 42 54	copper (Cu)
24161	bend 90°	12 15 18 22 28 35 42 54	copper (Cu)
24161XL	bend 90°	64 66,7 76,1 88,9 108	copper (Cu)

Model #	Description	Dimension	Material
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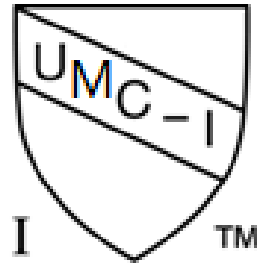
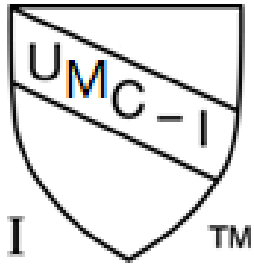
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24162	bend 90°	15 X 12	copper (Cu)
2416XL	bend 90°	64 66,7 76,1 88,9 108	copper (Cu)
2426	bend 45°	12 15 18 22 28 35 42 54	copper (Cu)
24261	bend 45°	12 15 18 22 28 35 42 54	copper (Cu)

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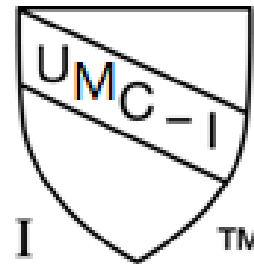
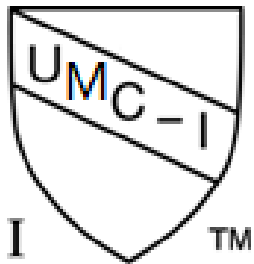
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24261XL	bend 45°	64 66,7 76,1 88,9 108	copper (Cu)
24262	bend	15 X 12	copper (Cu)
2426XL	bend	64 66,7 76,1 88,9 108	copper (Cu)
2427	surpass bend	12 15 18 22	copper (Cu)
2428	surpass bend	15 18 22	copper (Cu)
944770 713	elbow	1/2 3/4 1	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP

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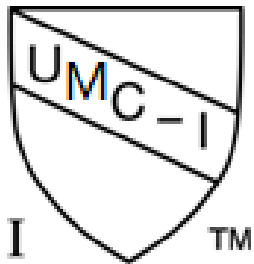
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Model #	Description	Dimension	Material
2211	Adapter piece	12 X 3/8	Bronze (gunmetal) CC499K  or  Silicon Bronze –CC246E CuSi4Zn9MnP
		12 X 1/2	
		15 X 3/8	
		15 X 1/2	
		15 X 3/4	
		18 X 1/2	
		18 X 3/4	
		22 X 1/2	
		22 X 3/4	
		22 X 1	
		28 X 3/4	
		28 X 1	
		28 X 1 1/4	
		35 X 1	
		35 X 1 1/4	
35 X 1 1/2			
42 X 1 1/4			
42 X 1 1/2			
54 X 1 1/2			
54 X 2			

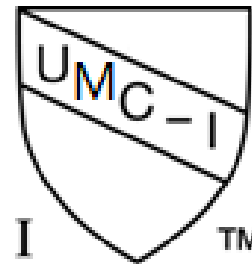
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# IAPMO Plumbing Codes and Standards India Pvt. Ltd.

No.43, 4th Floor, PMR Tower, Hosur Road Junction, Beratena Agrahara, Hosur Road, Bangalore 560100, India



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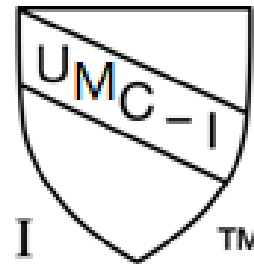
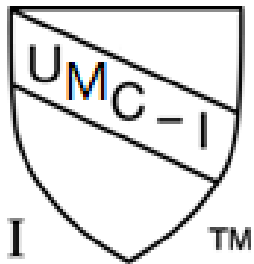
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22111	plug piece	12 X 1/2 15 X 1/2 18 X 1/2 18 X 3/4 22 X 1/2 22 X 3/4 28 X 1 35 X 11/4 42 X 11/2	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP
24172XL	t-piece	64 X 3/4 X 64 64 X 1 X 64 76,1 X 3/4 X 76,1 76,1 X 2 X 76,1 88,9 X 3/4 X 88,9 88,9 X 2 88,9 108 X 3/4 X 108 108 X 2 X 108	copper (Cu)
4713P	Adapter piece	14 X 15 16 X 15 18 X 15 20 X 15	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP

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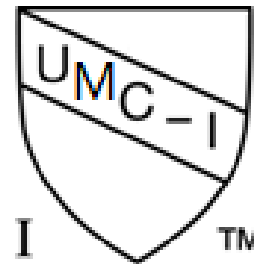
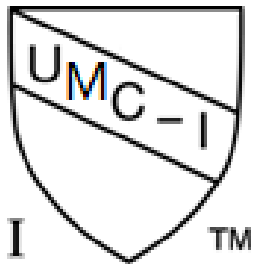
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2212	Adapter piece	12 X 3/8 12 X 1/2 15 X 3/8 15 X 1/2 15 X 3/4 18 X 1/2 18 X 3/4 22 X 1/2 22 X 3/4 22 X 1 28 X 1/2 28 X 3/4 28 X 1 28 X 1 1/4 35 X 3/4 35 X 1 35 X 1 1/4 42 X 1 1/4 42 X 1 1/2 54 X 1 1/2 54 X 2	Bronze (gunmetal) CC499K  Or  Silicon Bronze – CC246E CuSi4Zn9MnP
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Model #	Description	Dimension	Material
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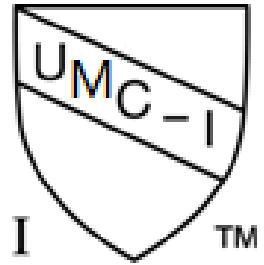
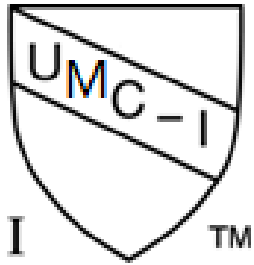
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22121	plug piece	12 X 1/2 15 X 1/2 18 X 1/2 18 X 3/4 22 X 1/2 22 X 3/4 28 X 3/4 28 X 1 35 X 1 35 X 11/4 42 X 11/2 54 X 2	Bronze (gunmetal) CC499K
22123	Adapter piece	15 X 1/2 18 X 1/2 22 X 1/2	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP
2213	union	15 X 16 15 X 20 18 X 20	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP
22156	Adapter piece	25 X 28 32 X 35	Bronze (gunmetal) CC499K or Silicon Bronze –CC246E CuSi4Zn9MnP

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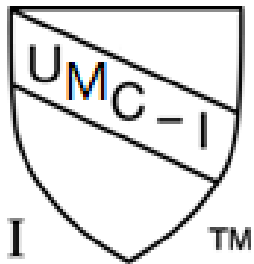
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

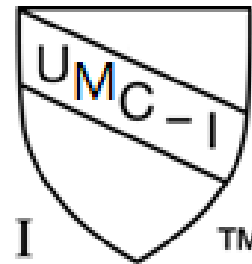
Model #	Description	Dimension	Material
22171	t-piece	18 X 3/4 X 18 22 X 3/4 X 22 28 X 3/4 X 28 35 X 3/4 X 35 42 X 3/4 X 42 54 X 3/4 X 54 54 X 1 X 54 54 X 1 1/4 X 54	Bronze (gunmetal) CC499K or Silicon Bronze – CC246E CuSi4Zn9MnP
22172	t-piece	12 X 1/2 X 12 15 X 3/8 X 15 15 X 1/2 X 15 18 X 1/2 X 18 22 X 1/2 X 22 22 X 3/4 X 22 28 X 1/2 X 28 28 X 3/4 X 28 35 X 1/2 X 35 35 X 1 X 35 42 X 1/2 X 42 42 X 1 X 42 54 X 1/2 X 54 54 X 1 X 54	Bronze (gunmetal) CC499K  Or  Silicon Bronze – CC246E CuSi4Zn9MnP
22173	wall plate-t-piece	15 X 1/2 X 15 22 X 1/2 X 22	

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# IAPMO Plumbing Codes and Standards India Pvt. Ltd.

No.43, 4th Floor, PMR Tower, Hosur Road Junction, Beratena Agrahara, Hosur Road, Bangalore 560100, India



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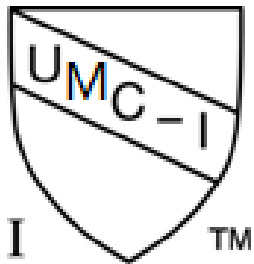
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

Model #	Description	Dimension	Material
2225	wall plate	15 X 1/2 X 45	Bronze (gunmetal) CC499K  Or  Silicon Bronze – CC246E CuSi4Zn9MnP
22255	wall-plate	12 X 1/2 15 X 1/2 18 X 1/2 18 X 3/4 22 X 1/2 22 X 3/4	
22256	wall-plate	15 X 1/2	
22257	Double Wall Plate	15 X 1/2 X 15 22 X 1/2 X 22	
22321	wall bushing	15X 1/2X 3/4X 25 15X 1/2X 3/4X 35 15X 1/2X 3/4X 55 15X 1/2X 3/4X 65	
22323	wall bushing	15X 1/2X 3/4X 30	

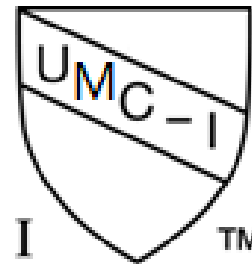
Model #	Description	Dimension	Material
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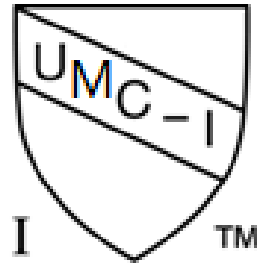
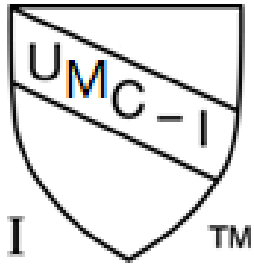
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

2255	union	12 X 1/2 15 X 1/2 18 X 1/2 18 X 3/4 22 X 3/4 22 X 1 28 x 1 35 X 11/4 42 X 11/2 54 X 2	Bronze (gunmetal) CC499K or Silicon Bronze – CC246E CuSi4Zn9MnP
2411XL	Adapter piece	64 X 21/2 66,7 X 21/2 76,1 X 21/2 88,9 X 3 108 X 4	copper (Cu)
2412XL	Adapter piece	64 X 21/2 66,7 X 21/2	copper (Cu)

Model #	Description	Dimension	Material
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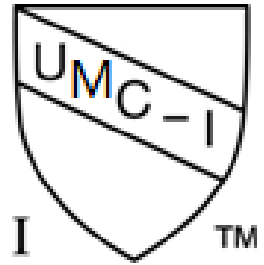
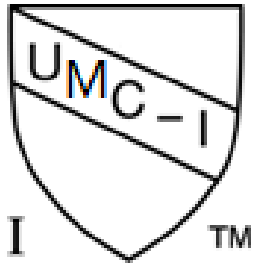
**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

22151	reduction piece	15 X 12	Bronze (gunmetal) CC499K  Or  Silicon Bronze – CC246E CuSi4Zn9MnP
		18 X 12	
		18 X 15	
		22 X 12	
		22 X 15	
		22 X 18	
		28 X 15	
		28 X 18	
		28 X 22	
		35 X 22	
		35 X 28	
		42 X 22	
		42 X 28	
		42 X 35	
22154	sliding sleeve	22	
		28	
		35	

Model #	Description	Dimension	Material
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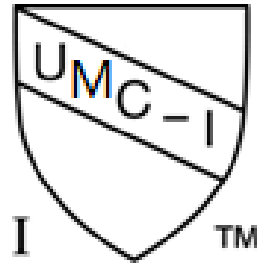
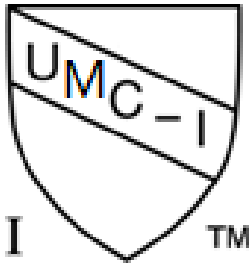
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

22155	sliding sleeve	15 18 22 28 35 42 54	Bronze (gunmetal) CC499K
2218	t-piece	12 X 15 X 12 15 X 12 X 15 15 X 18 X 15 15 X 22 X 15 18 X 12 X 18 18 X 15 X 15 18 X 15 X 18 18 X 22 X 18 22 X 12 X 22 22 X 15 X 15 22 X 15 X 18 22 X 15 X 22 22 X 18 X 18 22 X 18 X 22 22 X 22 X 15 22 X 28 X 22 28 X 15 X 28	Or  Silicon Bronze – CC246E CuSi4Zn9MnP

Model #	Description	Dimension	Material
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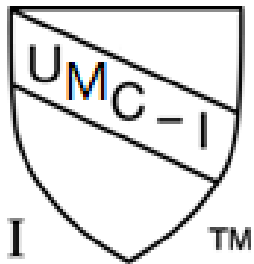
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

2218	t-piece	28 X 18 X 22 28 X 18 X 28 28 X 22 X 22 28 X 22 X 28 28 X 28 X 15 28 X 28 X 18 35 X 15 X 35 35 X 18 X 35 35 X 22 X 28 35 X 22 X 35 35 X 28 X 28 35 X 28 X 35 42 X 15 X 42 42 X 22 X 42 42 X 28 X 42 42 X 35 X 35 42 X 35 X 42 54 X 22 X 54 54 X 28 X 54 54 X 35 X 54 54 X 42 X 42 54 X 42 X 54	Bronze (gunmetal) CC499K  Or  Silicon Bronze – CC246E CuSi4Zn9MnP
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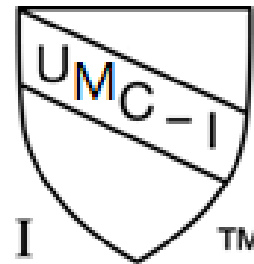
Model #	Description	Dimension	Material
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# IAPMO Plumbing Codes and Standards India Pvt. Ltd.

No.43, 4th Floor, PMR Tower, Hosur Road Junction, Beratena Agrahara, Hosur Road, Bangalore 560100, India



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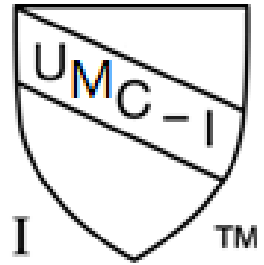
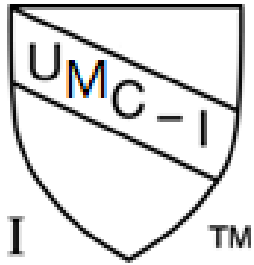
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

2244	cross piece	15 X 12 X 15 18 X 12 X 18 18 X 15 X 18 22 X 12 X 22 22 X 15 X 22	Bronze (gunmetal) CC499K  Or  Silicon Bronze – CC246E CuSi4Zn9MnP
2247	cross piece	15 X 15 22 X 15	
2248	cross piece	15 18 X 15 22 X 15 28 X 15	
2251	Kompensator	15 18 22 28 35 42 54	

Model #	Description	Dimension	Material
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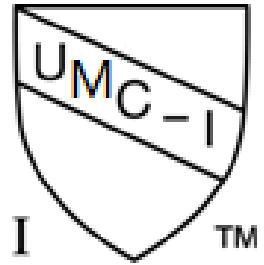
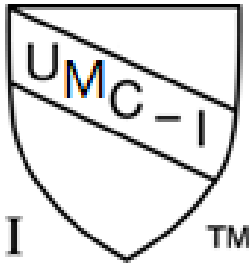
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

22595	flange adapter	28 35 42 54	Bronze (gunmetal) CC499K  Or  Silicon Bronze – CC246E CuSi4Zn9MnP
2260	union	12 15 18 22 28 35 42 54	
2262	union	12 X 1/2 15 X 1/2 15 X 3/4 18 X 1/2 18 X 3/4 22 X 3/4 22 X 1 28 X 3/4 28 X 1 35 X 1 1/4 42 X 1 1/2 54 X 2	

Model #	Description	Dimension	Material
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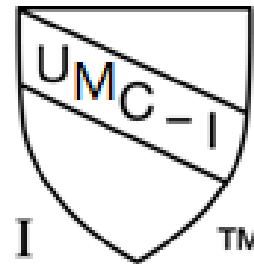
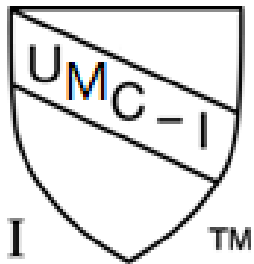
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2263	union	12 X 3/8	Bronze (gunmetal) CC499K  Or  Silicon Bronze – CC246E CuSi4Zn9MnP
		12 X 1/2	
		12 X 3/4	
		15 X 3/8	
		15 X 1/2	
		15 X 3/4	
		15 X 1	
		15 X 11/4	
		18 X 3/4	
		18 X 1	
		22 X 3/4	
		22 X 1	
		22 X 11/4	
		22 X 11/2	
		28 X 1	
		28 X 11/4	
		28 X 11/2	
		35 X 11/2	
35 X 2			
42 X 13/4			
42 X 2			
54 X 21/4			
54 X 23/8			
54 X 21/2			
54 X 23/4			

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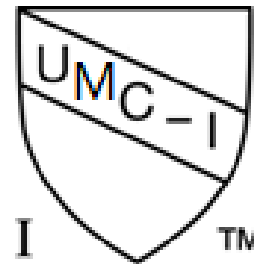
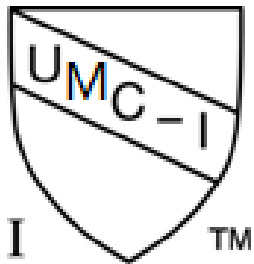
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Model #	Description	Dimension	Material
2264	union	15 X 3/4	Bronze (gunmetal) CC499K  Or  Silicon Bronze – CC246E CuSi4Zn9MnP
		18 X 3/4	
		22 X 1	
		28 X 1 1/4	
		35 X 1 1/2	
		42 X 1 3/4	
54 X 2 3/8			
2265	union	12 X 3/8	
		12 X 1/2	
		15 X 1/2	
		15 X 3/4	
		18 X 1/2	
		18 X 3/4	
		22 X 1/2	
		22 X 3/4	
		22 X 1	
		28 X 3/4	
		28 X 1	
		35 X 1 1/4	
42 X 1 1/2			
54 X 2			

Model #	Description	Dimension	Material
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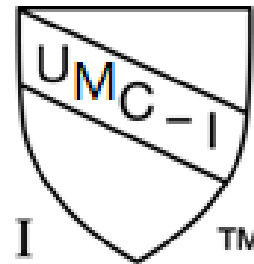
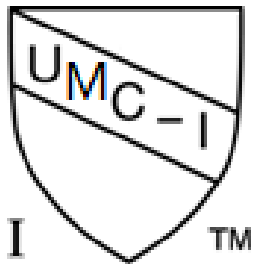
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2267	insulation union	15 X 1/2 15 X 3/4 18 X 1/2 18 X 3/4 22 X 3/4 22 X 1 28 X 1 35 X 1 1/4 42 X 1 1/2 54 X 2	Bronze (gunmetal) CC499K or Silicon Bronze – CC246E CuSi4Zn9MnP
2415	Sleeve	12 15 18 22 28 35 42 54	copper (Cu)

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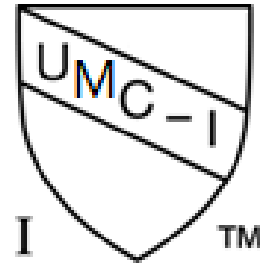
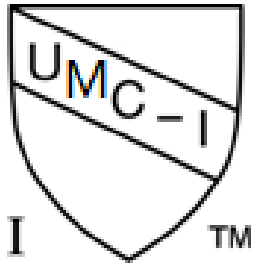
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

Model #	Description	Dimension	Material
24151	reduction piece	15 X 12	copper (Cu)
		18 X 12	
		18 X 15	
		22 X 15	
		22 X 18	
		28 X 15	
		28 X 18	
		28 X 22	
		35 X 22	
		35 X 28	
		42 X 22	
		42 X 28	
42 X 35			
54 X 28			
54 X 35			
54 X 42			

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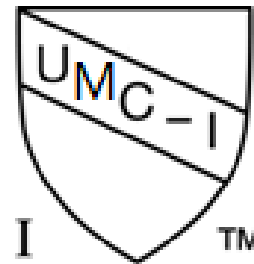
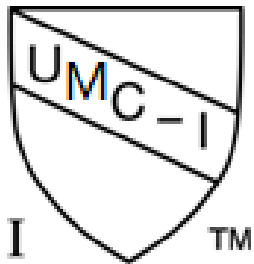
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

Model #	Description	Dimension	Material
24151XL	reduction piece	64 X 42	copper (Cu)
		64 X 54	
		66,7 X 28	
		66,7 X 35	
		66,7 X 42	
		66,7 X 54	
		76,1 X 54	
		76,1 X 64	
		88,9 X 54	
		88,9 X 66,7	
		88,9 X 76,1	
24152	sleeve	108 X 54	copper (Cu)
		108 X 66,7	
		108 X 76,1	
		108 X 88,9	
		12 X 15	
		15 X 22	
		18 X 15	
		18 X 22	
28 X 22			
35 X 28			
42 X 35			
54 X 42			

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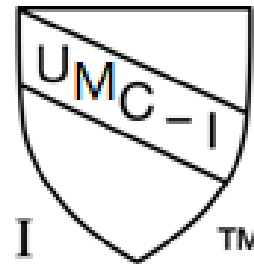
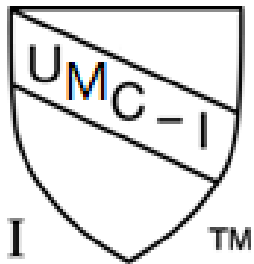
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

Model #	Description	Dimension	Material
24153	sliding sleeve	15 18 22 28 35 42 54	copper (Cu)
24155XL	sliding sleeve	64 66,7 76,1 88,9 108	copper (Cu)
2415XL	sliding sleeve	64 66,7 76,1 88,9 108	copper (Cu)
24172XL	t-piece	64 X 3/4 X 64 64 X 1 X 64 76,1 X 3/4 X 76,1 76,1 X 2 X 76,1 88,9 X 3/4 X 88,9 88,9 X 2 X 88,9 108 X 3/4 X 108 108 X 2 X 108	copper (Cu)

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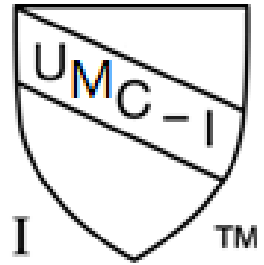
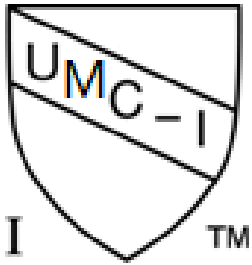
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

Model #	Description	Dimension	Material
2418	t-piece	12 X 15 X 12	copper (Cu)
		15 X 12 X 12	
		15 X 12 X 15	
		15 X 15 X 12	
		15 X 18 X 15	
		15 X 22 X 15	
		18 X 12 X 15	
		18 X 12 X 18	
		18 X 15 X 15	
		18 X 15 X 18	
		18 X 18 X 15	
		18 X 22 X 18	
		22 X 12 X 22	
		22 X 15 X 15	
		22 X 15 X 18	
		22 X 15 X 22	
		22 X 18 X 15	
		22 X 18 X 18	
22 X 18 X 22			
22 X 22 X 15			
22 X 22 X 18			
22 X 28 X 22			
28 X 15 X 22			
28 X 15 X 28			

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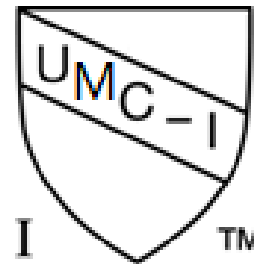
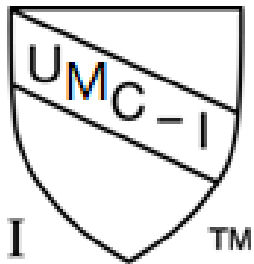
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

Model #	Description	Dimension	Material
2418	t-piece	28 X 18 X 22	copper (Cu)
		28 X 18 X 28	
		28 X 22 X 22	
		28 X 22 X 28	
		28 X 28 X 22	
		28	
		35 X 15 X 35	
		35 X 18 X 35	
		35 X 22 X 28	
		35 X 22 X 35	
		35 X 28 X 28	
		35 X 28 X 35	
		35 X 35 X 22	
		35 X 35 X 28	
		35	
		42 X 22 X 42	
42 X 28 X 42			
42 X 35 X 42			
42			
54 X 22 X 54			
54 X 28 X 54			
54 X 35 X 54			
24181	t-piece	22 X 15 X 22	copper (Cu)

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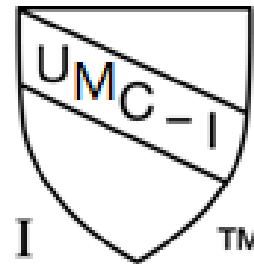
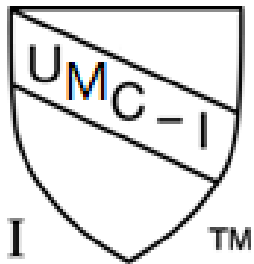
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

Model #	Description	Dimension	Material
2418XL	t-piece	64 X 35 X 64	copper (Cu)
		64 X 42 X 64	
		64 X 54 X 64	
		64	
		66,7 X 28 X 66,7	
		66,7 X 35 X 66,7	
		66,7 X 42 X 66,7	
		66,7 X 54 X 66,7	
		66,7	
		76,1 X 54 X 76,1	
		76,1	
		88,9 X 54 X 88,9	
		88,9 X 76,1 X 88,9	
88,9			
88,9			
108 X 54 X 108			
108 X 76,1 X 108			
108 X 88,9 X 108			
108			

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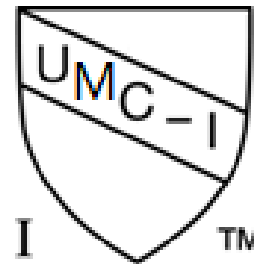
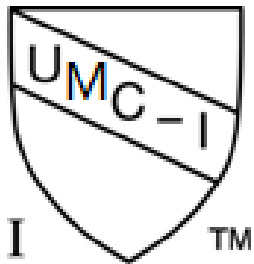
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**File No: IN-M1012 Product: Copper, Copper Alloy Fittings (Press Type) Effective Date: September 2019 Void After: September 2020**

Model #	Description	Dimension	Material
2456	closure cap	12 15 18 22 28 35 42 54	copper (Cu)
2456XL	closure cap	64 66,7 76,1 88,9 108	copper (Cu)
2457	locking piece	15 18 22 28 35 42 54	copper (Cu)

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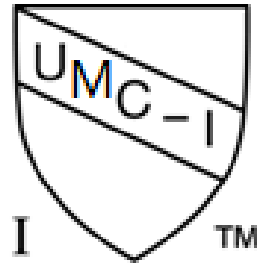
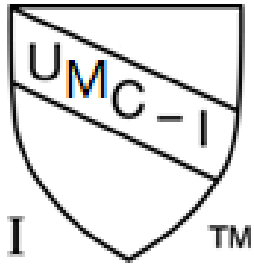
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Model #	Description	Dimension	Material
24595XL	flange connector	64 66,7 76,1 88,9 108	copper (Cu)
97779	sleeve	10	copper (Cu)
97780	sleeve	12 X 10	copper (Cu)
97781	sleeve	15 X 10	copper (Cu)

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Model #	Description	Dimension	Material	
2217.3	Sanpress Wall plate T-piece	15 22	Bronze (gunmetal) CC499K  or  Silicon Bronze – CC246E CuSi4Zn9MnP	
2217.4	Sanpress T-piece G¼, with plug-in end	15 18 22 28 35 42 54		
2228.7	Sanpress Double wall plate	15 18 22		
2416.2	Profipress Reducing elbow 90°	15		copper (Cu)

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