Delcop End Feed Range



Conex | Bänninger
Delcop End Feed

Delcop End Feed capillary fittings are available in sizes 6-54mm and are suitable for connecting copper tubes in accordance with EN 1057.

Delcop End Feed fittings are designed for solder and brazing applications but, with the exception of Union fittings with copper tails, which can only be soft soldered. For sizes above 54mm please refer to the section on Delbraze.

Most fittings in the range are manufactured from copper or red brass thereby being immune to dezincification.

Hydraulic working temperatures and pressures based on EN 1254-1 are shown below:

Applications & Technical Information	
Drinking water	Y
Sanitary water	Y
Heating and chilled water systems	Y
Compressed air	Y
Gas	Y
Available Sizes	6-54mm
Operating Parameters solder 6-54mm	**Water** **Using Tin Silver 95/5%** 25 bar, 0°C to 30°C 25 bar @ 65°C 19 bar @ 95°C 16 bar @ 110°C **Using Tin Lead 50/50% or 60/40%** 16 bar, 0°C to 30°C 10 bar @ 65°C 7 bar @ 95°C 6 bar @ 110°C
Operating Parameters brazed 15mm	**Water** 35.1 bar, -20°C to 110°C 29.8 bar @ 150°C 15.8 bar @ 200°C
Material	Copper and Red Brass

For more detailes please contact our technical team.

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END FEED ASSEMBLY INSTRUCTIONS:

Tools required:

Tube cutter, deburring tool, blow lamp, abrasive cloth, wire brush, lead free solder, flux.

Assembly

- Ensure the copper tube and fitting sizes are compatible. Cut the tube end square, and ensure it retains its shape.
- Deburr the tube, both inside and outside.
- Clean tube with an abrasive cloth, and fitting socket with a wire brush.
- Apply a thin layer of flux to the tube, and to the fitting socket.
- Insert the tube into the fitting until the tube stop is reached. Rotate the tube or fitting and remove any excess flux where possible.
- Light the blow lamp, and heat the fitting socket until the flux starts to boil. Keep the flame moving over the fitting and tube, do not provide excessive heat.
- Apply lead free solder to the tube-fitting interface until it fills the void.
- As a rule of thumb, a length of solder equivalent to the tube diameter will be adequate for a satisfactory joint.
- Remove the blow lamp, allow to cool and wipe the joint(s) with a damp cloth.
- Flush all residues out of the system.



Demounting

- This fitting system is not demountable.

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DC70764

Male Bent Union Connector (Red Brass Tail with Internal Lugs)
Copper x Male Thread (Taper)



ITEM	SIZE	PACK
4098G015004000	15 x 1/2"	10
4098G022006000	22 x 3/4"	10
4098G028008000	28 x 1"	10

DC708

Female Wall Plate Connector
Copper x Female Thread (Parallel)



ITEM	SIZE	PACK
4270A015004000	15 x 1/2"	10

DC711P

Pitcher Tee - Equal
Copper All Ends



ITEM	SIZE	PACK
4131 022022022	22mm	10
4131 028028028	28mm	10
4130 035035035	35mm	1
4131 042042042	42mm	1
4131 054054054	54mm	1

*A range means fast moving products.

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DC712

Tee with Female Branch
Copper x Female Thread (Parallel)



ITEM	SIZE	PACK
4130G015004015	15 x 15 x 1/2"	10
4130G022004022	22 x 22 x 1/2"	10
4130G022006022	22 x 22 x 3/4"	10
4130G028004028	28 x 28 x 1/2"	10
4130G028006028	28 x 28 x 3/4"	10
4130G028008028	28 x 28 x 1"	10
4130G035004035	35 x 35 x 1/2"	1

DC714

Tee with Female End
Copper x Female Thread (Parallel) x Copper



ITEM	SIZE	PACK
4134G015015004	15 x 1/2 x 15mm	10
4134G022022004	22 x 1/2 x 22mm	10
4134G028028004	28 x 1/2 x 28mm	1

DC716D

Air Vent Plug
Male Fit



ITEM	SIZE	PACK
4290D015000000	15mm	10

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