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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DC717D — Air Vent End Cap
Copper



ITEM	SIZE	PACK
4301D015000000	15mm	10
4301D022000000	22mm	10

DC733 — Union Coupler (Red Brass Tail)
Copper x Copper



ITEM	SIZE	PACK
4340 015000000	15mm	10
4340 022000000	22mm	10
4340 028000000	28mm	10
4340 035000000	35mm	1

DC7333 — Female Union Coupler (Red Brass Tail)
Copper x Female Thread (Parallel)



ITEM	SIZE	PACK
4340G015004000	15 x 1/2"	10
4340G022006000	22 x 3/4"	10
4340G028008000	28 x 1"	10
4340G035010000	35 x 1.1/4"	1
4340R042012000	42 x 1.1/2"	1
4340R054016000	54 x 2"	1

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DC7334 — Male Straight Union Coupler (Red Brass Tail with Internal Lugs)
Copper x Male Thread (Taper)



ITEM	SIZE	PACK
4341G015004000	15 x 1/2"	10
4341G022006000	22 x 3/4"	10
4341G022008000	22 x 1"	10
4341G028008000	28 x 1"	10
4341G035010000	35 x 1.1/4"	1
4341R042012000	42 x 1.1/2"	1
4341R054016000	54 x 2"	1

DC750A — Tank Connector
Copper x Male Thread



ITEM	SIZE	PACK
4350 015004000	15 x 1/2"	10
4350 022006000	22 x 3/4"	10
4350 028008000	28 x 1"	10

DC750B — Tank Connector (Long)
Copper x Male Thread (Turned)



ITEM	SIZE	PACK
DC750B151/2	15 x 1/2"	10

*A range means fast moving products.