

Table - Zip BOM (Assembly + Make/Buy)

Item	Part	Rev	Description	Status	Qty	Make or Buy?
2	875701	00	Classic Mixer Tap	Design	1	Buy
3	86451	A	Nipple-Tapered 1/2" (No 27)	Production	3	Buy
4	27921	A	Instantaneous Hot Water CEX-U 13.5kW 3 x 20Amps 50°C	Production	1	Buy
5	84451	A	Tee 1/2" BSP Female (Brass)	Production	1	

Limits unless otherwise stated:

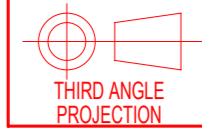
1. Fabricated	= 0.75
2. Hand-Cast	= 0.35
3. Forging	= 0.25
4. Die-Cast	= 0.25
5. Moulded	= 0.15
6. Machined	= 0.25mm
7. Angular	= 0.50degrees

Fits unless otherwise stated:

1. Free Running	= H9/d9
2. Running	= H8/f8
3. Clearance	= H7/h6
4. Sliding	= H7/g6
5. Interference	= H7/s6

Surface finishes unless otherwise stated:

1. Hand-Cast	= 16.0µm
2. Drilling	= 6.3µm
3. Forging	= 6.3µm
4. Milling	= 3.2µm
5. Turning	= 3.2µm
6. Boring	= 3.2µm
7. Die-Cast	= 1.6µm
8. Reaming	= 1.6µm
9. Grinding	= 0.9µm
10. Honing	= 0.4µm
11. Polishing	= 0.2µm



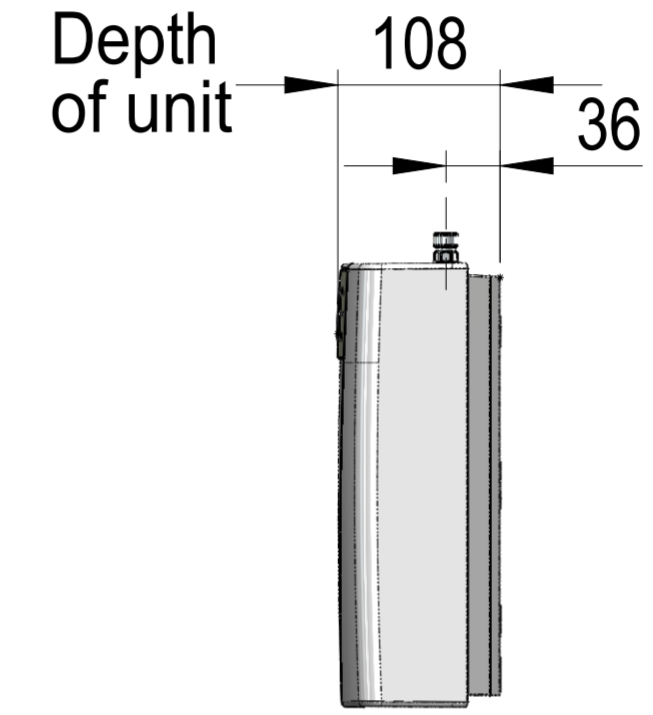
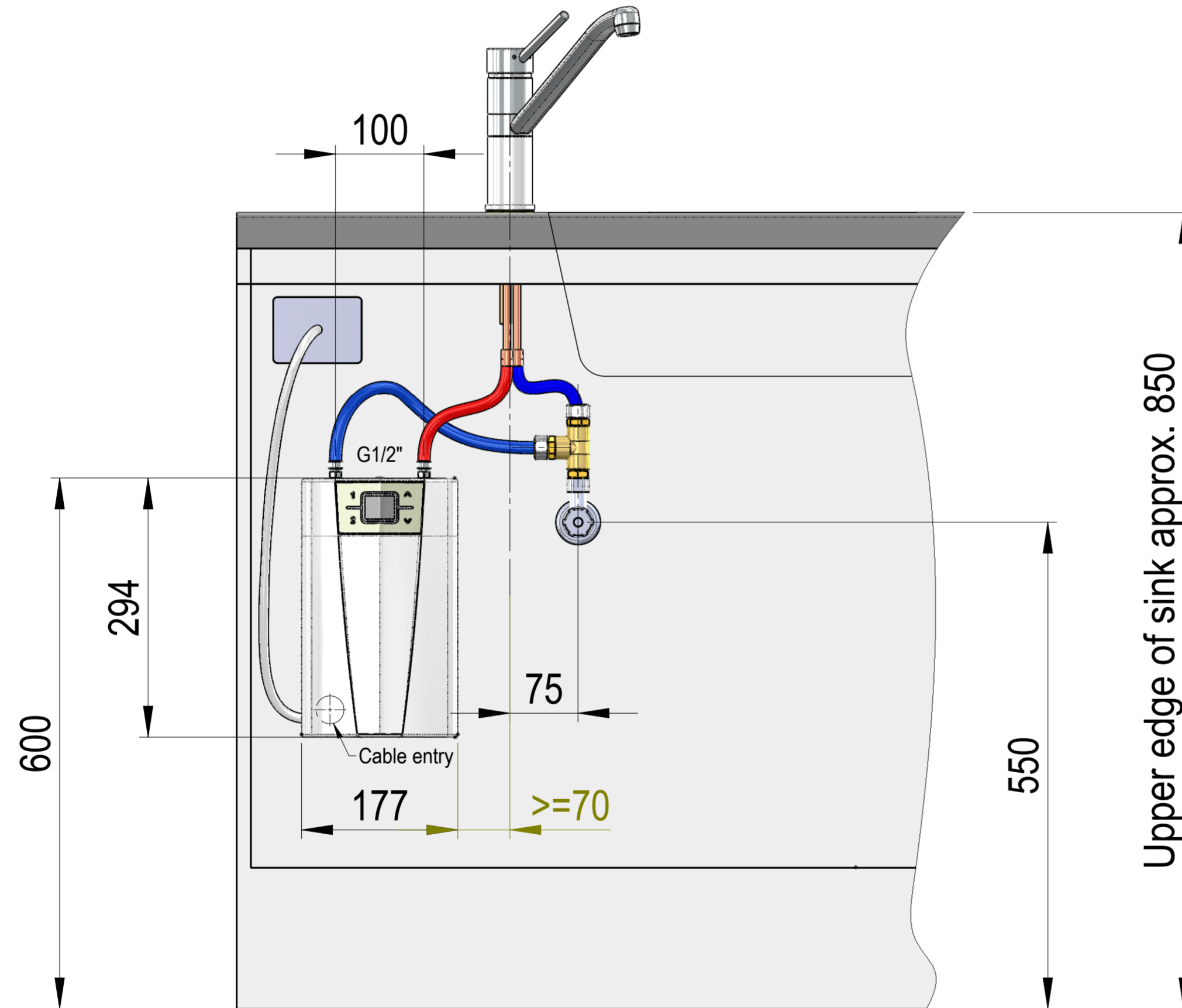
Dimensions in millimetres
 Drawing to BS8888:2004
 Screw threads to BS 8498:2008

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Features marked with this symbol: must be referred to in the manufacturing control plan

REVISIONS

Rev	XXXX YYYY	Last Change(s)	ECO	Date	Init
A		First Issue	0000	8/06/2011	ME



SIDE ELEVATION VIEW
 SCALE 1 : 5

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Zip Industries

Manufacturing Instructions		Approved by: Unapproved on 1/03/2011	Description: Assy - Kitchen Layout Instantaneous Hot Water CEX-U 13.5kW 3x20Amp, 50°C
Make or Buy: Make	Checked by: Unchecked on 1/01/2001	Updated by: edgar on 28/04/2015 10:26:54 AM	Project: Instantaneous Hot Water®
Manufacturing Route: Manufacturing Process	Material: Material <not specified>	Model: WL005_27920	Configuration: WL005_27921
Raw material: Raw Material	Finish: Finish	Created by & on: EdgarG on 4/05/2011	Created by & on: EdgarG on 16/05/2011
Remove all sharp edges. This drawing ONLY details information which cannot be ascertained from the 3D geometry of the part(s) attached. Model & dimensions are AFTER all finishing operations.	Volume (mm³): 87272.33	Area (mm²): 114002.83	Derived from: New
Comments:	Mass (g): 96024.64	Density (g/mm³): 1.10	Scale: 1:1
Potable? No	Recyclable? No	Handed? :	Sheet: 1 of 1
Colour: Colourless		Status: Prototype	Size: A2
Drawing Property	Part Property		