



Sovereign Water

RoyalFlow

Installer Pack

C1 · Home Taste+

Boiling, chilled and sparkling, with CO2

THIS PACK

TAP

RoyalFlow C1

SYSTEM

Home Taste+

WATER

Boiling, chilled and sparkling, with CO2

CABINET

Double under-sink cabinet, 1200 wide

POWER

Two fused spurs

PACK No.

SWC-RF-C1-HTP-BCS

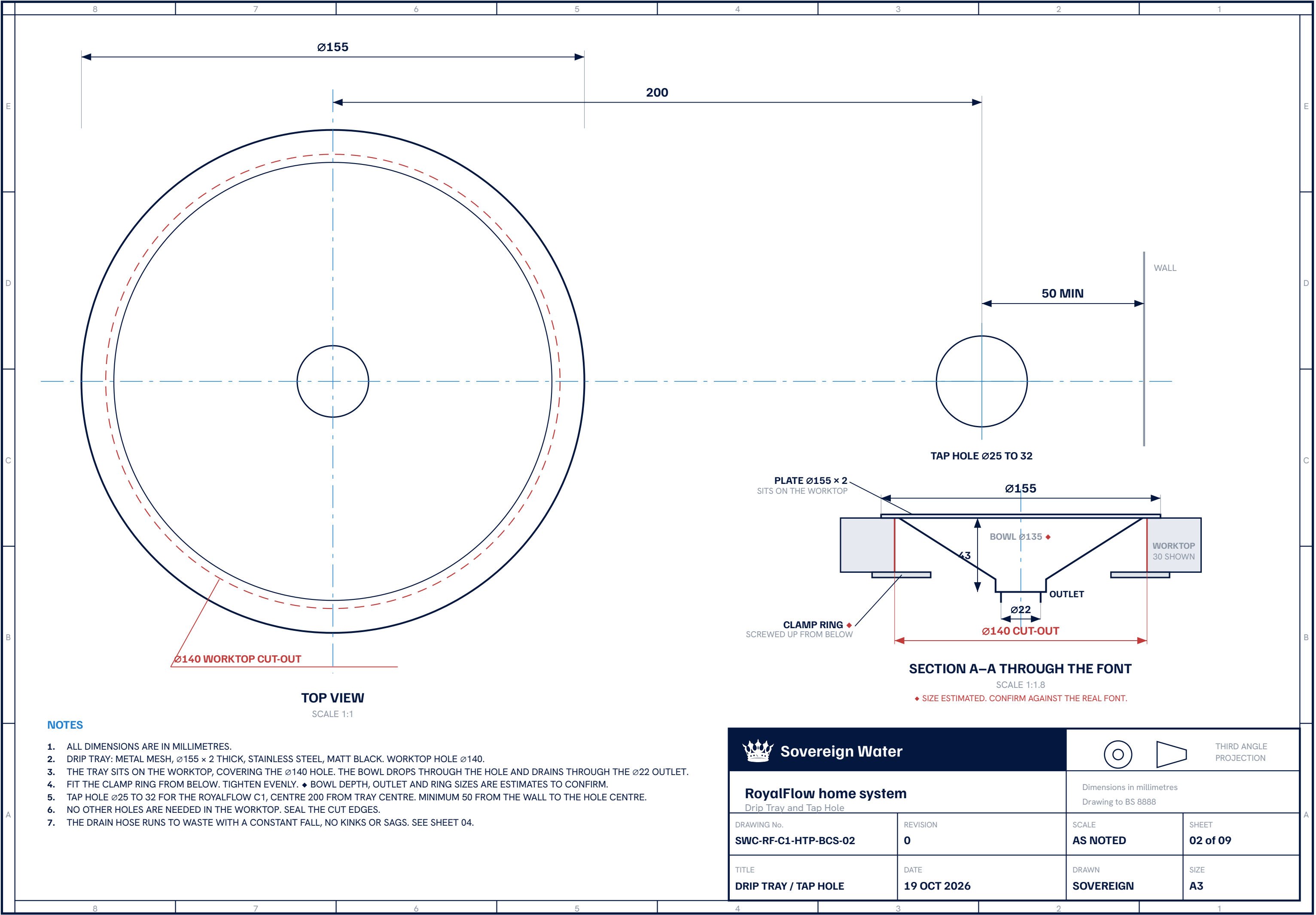
	8	7	6	5	4	3	2	1	
E	CONTENTS · RoyalFlow C1 · Home Taste+								E
	Work through the sheets in this order. Start with the site checklist, sheet 07, before you order the cabinet or book the fit.								
	SHEET	NAME	WHAT IT SHOWS		DRAWING No.		PAGE		
	01	Cut-out template	Full-size template for the worktop holes		SWC-RF-C1-HTP-BCS-01		3		
D	02	Drip tray and tap hole	Tray, cut-out and tap hole sizes		SWC-RF-C1-HTP-BCS-02		4		D
	03	Tap sheet	The RoyalFlow C1: sizes and connections		SWC-RF-C1-HTP-BCS-03		5		
	04	Cabinet arrangement	Where everything goes under the sink		SWC-RF-C1-HTP-BCS-04		6		
	05	Services schematic	Water, CO2 and power, and who supplies what		SWC-RF-C1-HTP-BCS-05		7		
C	06	Ventilation	Grille sizes and air flow in the cabinet		SWC-RF-C1-HTP-BCS-06		8		C
	07	Site checklist	Survey before you order or book the fit		SWC-RF-C1-HTP-BCS-07		9		
	08	Installation instructions	Step by step, in order		SWC-RF-C1-HTP-BCS-08		10		
	09	Commissioning and handover	Test, record, and hand over to the customer		SWC-RF-C1-HTP-BCS-09		11		
B	Pages 1 and 2 are this cover and contents. Sheet 01 is page 3 of the PDF, and so on.								B
A	 Sovereign Water RoyalFlow home system Cover and Index DRAWING No. SWC-RF-C1-HTP-BCS-IX REVISION 0 SCALE NTS SHEET Index TITLE CONTENTS DATE 19 OCT 2026 DRAWN SOVEREIGN SIZE A3   THIRD ANGLE PROJECTION Dimensions in millimetres Drawing to BS 8888								A
	8	7	6	5	4	3	2	1	

WORKTOP CUT-OUT TEMPLATE · C1

RoyalFlow C1 (C shape) · print at 100% on A3

PRINT AT 100%. DO NOT USE “FIT TO PAGE”.
Check the bar at the bottom measures 200 mm.





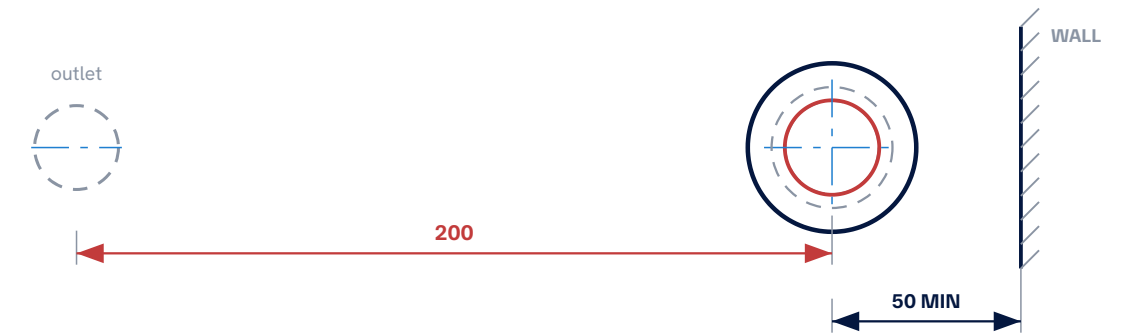
 Sovereign Water		  THIRD ANGLE PROJECTION	
RoyalFlow home system Drip Tray and Tap Hole		Dimensions in millimetres Drawing to BS 8888	
DRAWING No. SWC-RF-C1-HTP-BCS-02	REVISION 0	SCALE AS NOTED	SHEET 02 of 09
TITLE DRIP TRAY / TAP HOLE	DATE 19 OCT 2026	DRAWN SOVEREIGN	SIZE A3

C shape spout

Technical drawing of a U-shaped worktop. The overall height is 466. The height of the vertical section is 314. The width of the vertical section is 233.4. The height of the horizontal section is 181. The width of the horizontal section is 200 REACH. The drawing shows a cross-section of the worktop with a hatched area indicating the internal structure. The dimensions are labeled as follows:

- Overall height: 466
- Height of vertical section: 314
- Width of vertical section: 233.4
- Height of horizontal section: 181
- Width of horizontal section: 200 REACH
- Internal diameter: $\varnothing 24.8$
- External diameter: $\varnothing 44.6$

Ø25 hole in red, Ø32 maximum in grey



Overall height	466
Overall projection, maker	233.4
Spout reach, to outlet centre	200
Spout height above the worktop	314
Body height above the worktop	181
Body diameter	Ø44.6
Shank diameter	Ø24.8
Worktop hole	Ø25 to 32
Font cut-out	Ø140
Font to tap hole centres	200
Wall to tap centre, minimum	50

1. Dimensions taken from the manufacturer's dimension drawings. Millimetres.
2. The overall projection is the maker's figure, outlet edge to body edge. The reach in red is the centre-to-centre figure the cut-out template uses.
3. Spout tube diameter is not published. It is drawn to suit the maker's overall projection.
4. Shank length below the worktop is not given in the maker's data. Allow for the worktop thickness plus the fixing nut. The shank is shown broken.
5. Drill the tap hole at least 50 from the wall. Use the cut-out template on sheet 01.
6. The tap is shown in profile here. On sheets 03 and 04 it is drawn face on.



⚡ Sovereign Water



THIRD ANGLE PROJECTION

RoyalFlow home system

Tap Schematic · C1 (C shape)

Dimensions in millimetres
Drawing to BS 8888

DRAWING No.

SWC-RF-C1-HTP-BCS-03

REVISION

0

SCALE

1:2

SHEET

03 of 09

TITTLE

TAP SHEET

DATE _____

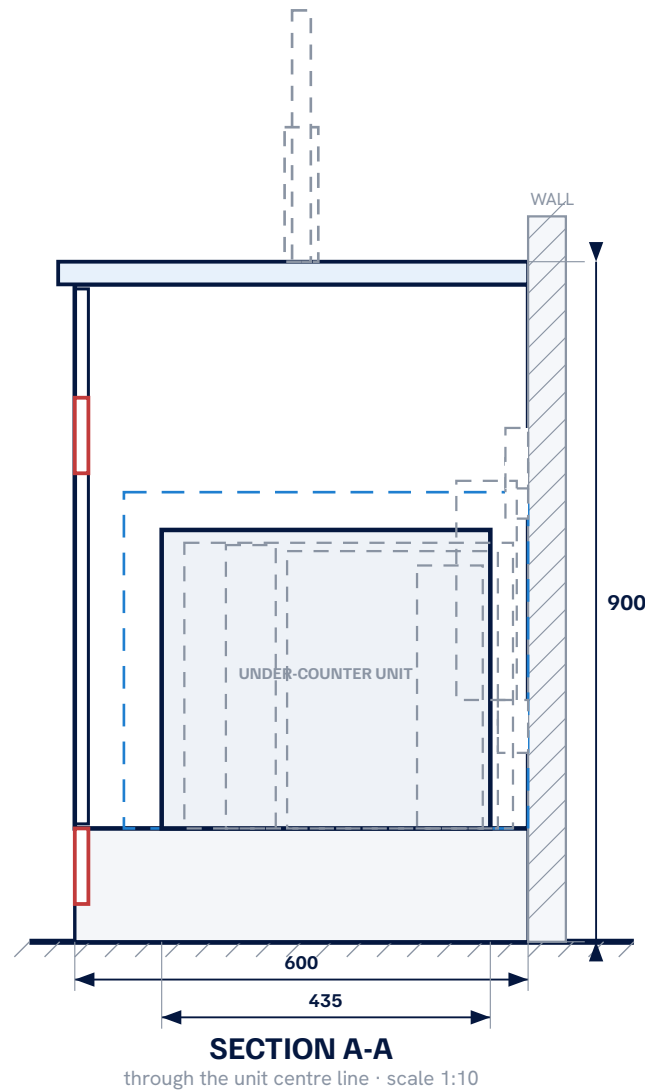
19 OCT 2026

DRAWN

SOVEREIGN

SIZE

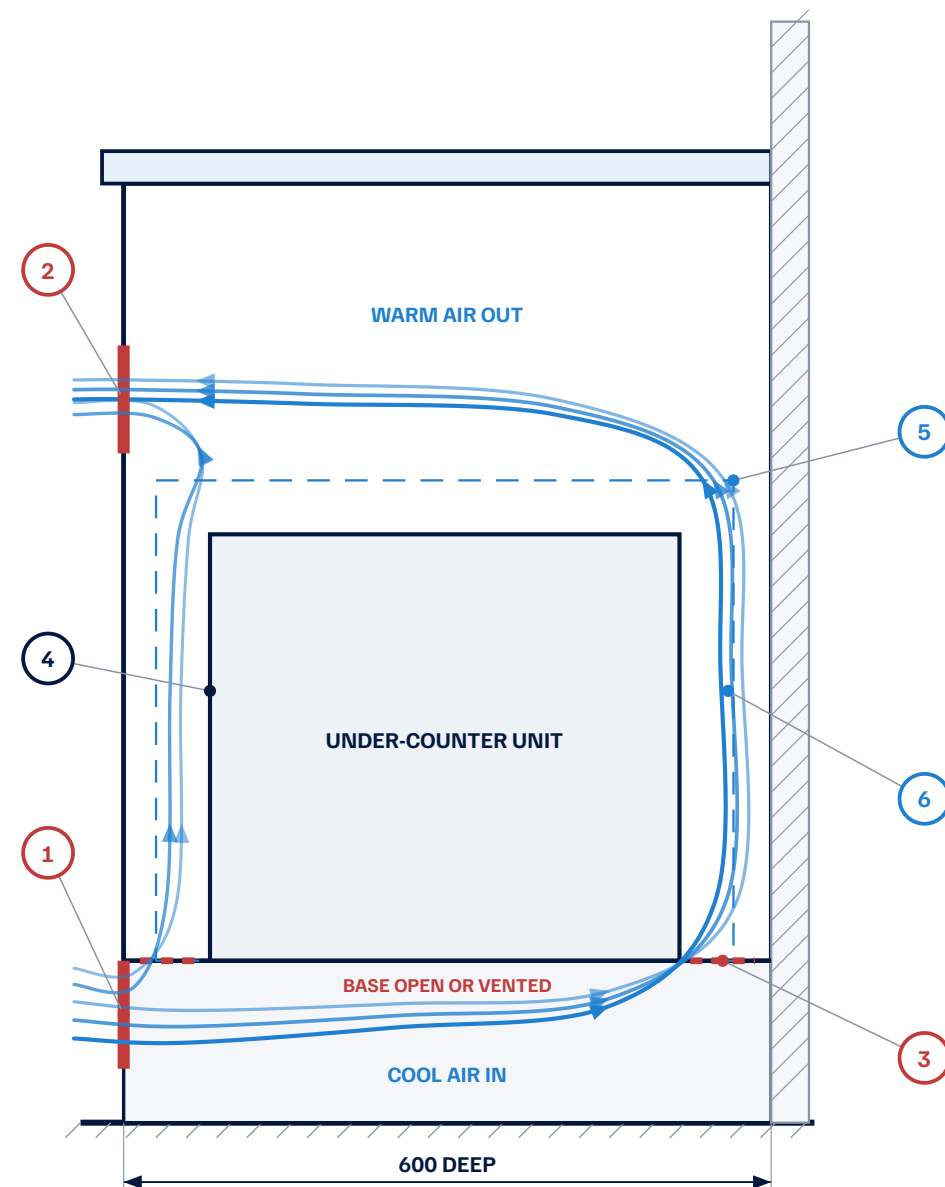
A3



- 18 RO waste to the drain**
joins the front drain line to waste

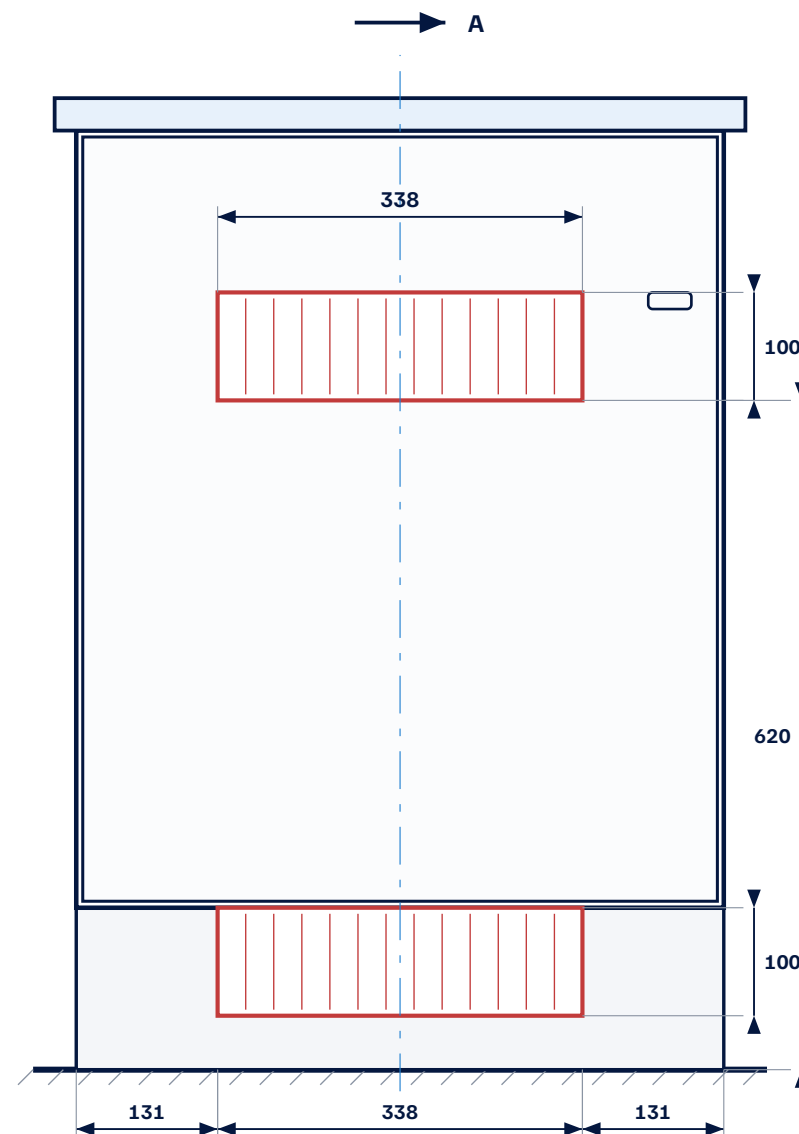
1. Home Taste+: carbon filtration and UV are built into the unit. A slim 10" filter housing (2.5" x 10" cartridge) is wall mounted on the mains cold, ahead of the RO. Size is nominal.
2. Water runs: cold valve, slim filter, Noble RO, tee to the 18 L vessel, Alpine remineraliser, then the unit. RO waste to the drain.
3. The tap is a generic outline at the S1 size, for position only. Its real shape, height, reach and cut-out are on the tap sheet and worktop template for your faucet.
4. The drip tray and the tap share the unit centre line. The tap hole is cut from the 1:1 worktop template.
5. Twin cabinet: 1200 wide x 600 deep, worktop 900 high. Unit centred, with the sink above, by others.
6. Keep 50 clear on all four sides of the unit. Do not store goods around it.
7. The kickboard grille feeds the plinth void only. The cabinet base must be open or vented above it.
8. Both grilles are on the unit centre line, air in low and vent out high. Sizes 338 x 100 shown, confirm before ordering.
9. The CO₂ cylinder stands upright and is restrained so it cannot fall. Two 13 A fused spurs: unit and RO. The CO₂ needs no power. Section shows hidden items dashed.
10. The drip tray drain runs from the front tail to waste, by others, with a constant fall.
11. Floor drain 1.5 inch by others. Plumbing and electrical work by others, to the regulations in force.

 Sovereign Water		 THIRD ANGLE PROJECTION	
RoyalFlow home system Under-Sink Cabinet Arrangement · Home Taste+ · with CO ₂		Dimensions in millimetres Drawing to BS 8888	
DRAWING No. SWC-RF-C1-HTP-BCS-04	REVISION 0	SCALE 1:10	SHEET 04 of 09
TITLE CABINET ARRANGEMENT	DATE 14 OCT 2026	DRAWN SOVEREIGN	SIZE A3



SECTION A-A

through bay 1, looking right · scale 1:7



BAY 1 DOOR AND KICKBOARD

front view · scale 1:7

KEY

- 1 Air inlet grille**
338 x 100 in the kickboard, top edge on the base line
- 2 Vent-out grille**
338 x 100 in the bay 1 door
- 3 Cabinet base open or vented**
two openings, in front of and behind the unit
- 4 RoyalFlow under-counter unit**
230 W x 435 D x 395 H
- 5 Clearance envelope**
50 clear on all four sides of the unit
- 6 Air path**
in low, up past the unit front and back, out high

WHY IT MATTERS

The unit rejects heat from the chiller into the cabinet.
With no air path the cabinet warms up, the chiller works harder,
drinks come out warmer and the compressor life falls.
Two grilles are needed, not one. Air must be able to enter low
and leave high, and it must be able to pass the cabinet base.

NOTES

1. Both grilles are in bay 1, the cabinet holding the unit, on the same vertical centre line.
2. Grille sizes 338 x 100 shown, as advised by Sovereign. Confirm before ordering the cabinet.
3. Check the free area of the grille you buy. A decorative grille can have less than half the open area of its nominal size.
4. The kickboard grille feeds the plinth void only. The cabinet base above it must be open or vented, or the air stops there.
5. Keep 50 clear on all four sides of the unit. Do not store goods, cloths or chemicals in bay 1.
6. Do not fit a solid plinth seal or a draught strip to the bay 1 door.
7. If the cabinet cannot be vented, refer to Sovereign before installing. A remote or ventilated housing may be needed.



Sovereign Water



THIRD ANGLE PROJECTION

RoyalFlow home system

Cabinet Ventilation Arrangement

Dimensions in millimetres
Drawing to BS 8888

DRAWING No.

SWC-RF-C1-HTP-BCS-06

REVISION

0

SCALE

1:7

SHEET

06 of 09

TITLE

VENTILATION

DATE _____

19 OCT 2026

DRAWN

SOVEREIGN

SIZE

A3

	8	7	6	5	4	3	2	1
E	SITE SURVEY · complete before ordering the cabinet or booking the fit							
	SITE / CUSTOMER		ADDRESS		SURVEYED BY		DATE	
D	WORKTOP AND FONT		VENTILATION		DRAIN			
	☐ Worktop material and thickness	-----	☐ Kickboard grille can be cut, 338 × 100		☐ Waste within reach for the tray drain			
	☐ Depth from wall face to front edge	-----	☐ Bay 1 door grille can be cut, 338 × 100		☐ Floor drain 1.5 inch, if specified			
	☐ Wall to tap hole centre, 50 minimum	-----	☐ Cabinet base is open, or can be vented		☐ Fall available from tray to waste			
	☐ Tap hole to font centre, 200	-----	☐ No plinth seal or draught strip fitted		☐ RO waste can join the font drain line			
	☐ Worktop can be cut in place, or comes out		☐ Grille free area checked, not just the size					
	☐ Nothing under the cut line: bracket, rail, cable		☐ Room temperature, 5 to 32 °C	-----				
	☐ Cut edges can be sealed after cutting		☐ Vent-out air does not blow at anyone standing there					
	☐ Existing tap or dispenser to be removed							
C	CABINET		WATER SUPPLY		POWER			
	☐ Double under-sink cabinet, two bays		☐ Mains cold water within reach of bay 1		☐ Two 13 A fused spurs in bay 1, unit and RO			
	☐ Bay width	-----	☐ Inlet pressure measured, 16 to 80 psi	-----	☐ Spur is not behind the unit			
	☐ Bay depth	-----	☐ Pressure limiting valve needed above 80 psi		☐ Circuit can take 500 W hot plus 100 W cold			
	☐ Bay 1 clear inside height, 545 needed	-----	☐ Isolation valve fitted, or can be fitted					
	☐ 50 clear on all four sides of the unit		☐ Water hardness, for RO or pre-treatment	-----				
	☐ Bay 1 door can be removed or is hinged clear		☐ Mains can be flushed before connecting					
	☐ Wall space for the slim filter, 80 x 290		☐ Stopcock location known and reachable					
	☐ Floor space for the Noble RO, 96 wide x 435 deep		☐ Existing filter or softener on the supply	-----				
	☐ Floor space for the Alpine, 87 diameter x 348		☐ Mains fed, not tank fed					
B	☐ Floor space for the pressure vessel, 279 diameter x 367				CO ₂ CYLINDER			
	☐ Cabinet make and model, if known	-----			☐ Room for Ø66 × 375 cylinder (about 420 with regulator), upright			
					☐ Cylinder can be restrained			
					☐ The CO ₂ needs no power			
					ACCESS AND SITE			
					☐ Route in for the unit, 230 × 435 × 395			
					☐ Parking, lift, and site induction			
					☐ Working hours agreed with the customer			
A	Any box not ticked is an action. Do not book the fit until every action is closed.							
	FITTED ON THIS JOB · tick each item as you fit it							
	☐ Under-counter unit 230 x 435 x 395	☐ Pressure vessel, 18 L floor standing						
	☐ Tap, RoyalFlow C1 with font and drip tray	☐ Alpine remineraliser FC REMIN						
	☐ Mains cold valve isolation	☐ CO2 cylinder and regulator no power needed						
	☐ Slim 10" filter housing 2.5" x 10" cartridge	☐ Fused spurs, two by others						
	☐ Noble RO 60 floor standing, own spur							
8	7	6	5	4	3	2	1	



Sovereign Water

RoyalFlow home system

Pre-Installation Site Survey

DRAWING No.
SWC-RF-C1-HTP-BCS-07

TITLE
SITE CHECKLIST

REVISION
0

DATE
19 OCT 2026

SCALE
NTS

DRAWN
SOVEREIGN

SHEET
07 of 09

SIZE
A3



THIRD ANGLE
PROJECTION

Dimensions in millimetres

Drawing to BS 8888

