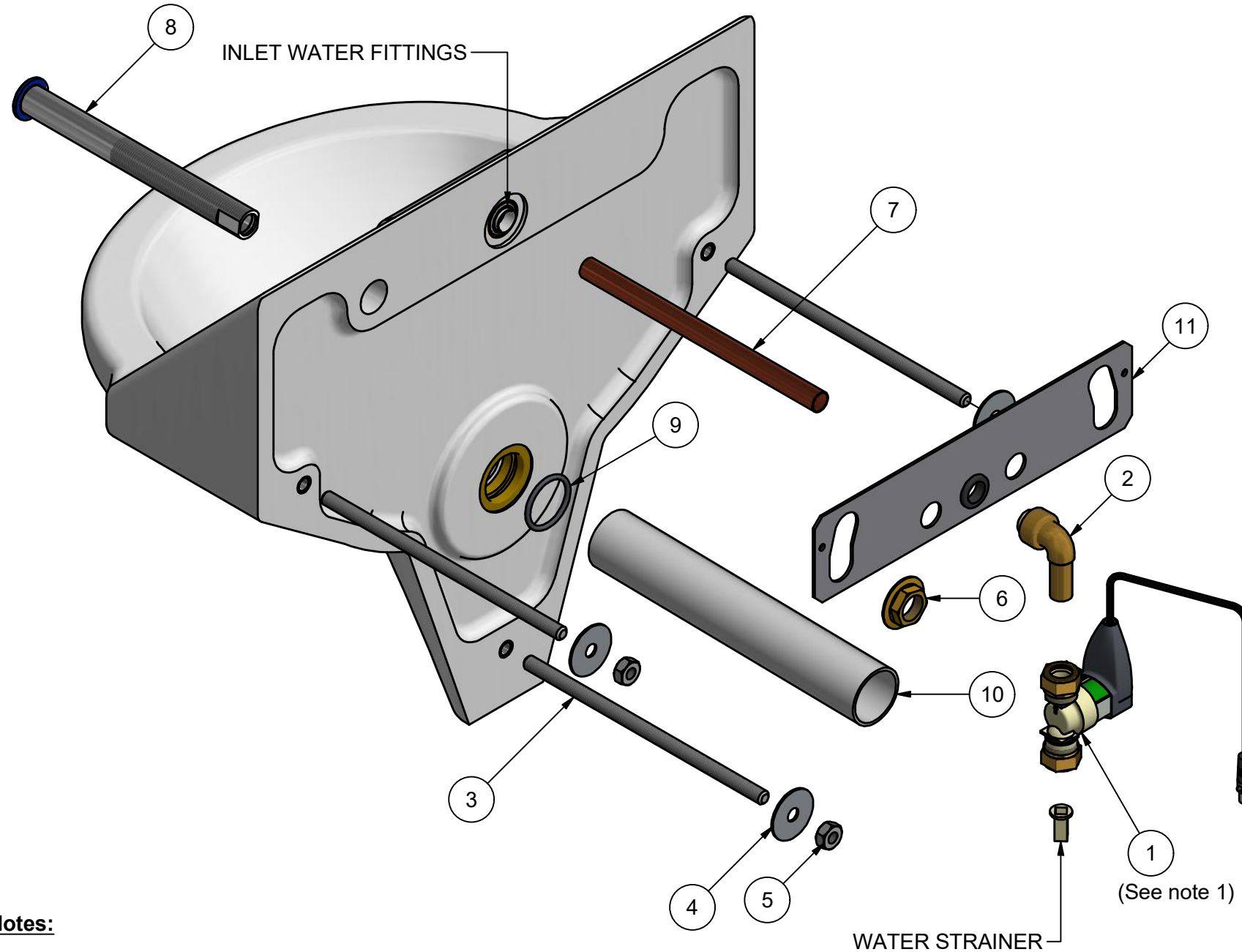


Basin model ALS-181-NB
excludes the piezo button.

REVISION HISTORY				
REV	DATE	DESCRIPTION	BY	CHKD
8	21/03/2019	ECN2019-0064	AG	RD



Assembly details:

Refer to the basin product manual for full installation details.

1. Fit the basin wall fixing studs (Item 3) to the threaded inserts on the basin back. Ensure each stud screws in by a minimum of 35mm & tighten to 6Nm.
2. Fit the copper water tube (Item 7) into the water connection fitting in the rear of the basin. The copper water tube is a push fit into the connector. Ensure that the end of the copper tube is free of sharp burrs & is free of any visible damage such as being deformed, dented or heavily scratched which may result in a failure of the water seal. The copper water tube must be inserted into the connector to a depth of 23.5mm.
3. Fit the waste pipe to the basin waste outlet socket. The socket is fitted with an O ring seal. Prior to fitting the pipe, ensure the pipe end is free of burrs & is slightly chamfered & moisten/lubricate the pipe end or the O ring seal to ease the fit of the pipe which is a push fit into the socket. The pipe must push in by 20mm & should be angled downwards by 1° to give a fall for water drainage.
4. The piezo touch button or IR sensor (Item 8) can be passed into the aperture on the basin splash back. **HANDLE CABLES WITH CARE.**
5. Mount the basin onto the wall taking care to avoid damage to the copper tube, button/sensor cable & the waste pipe as they pass through the wall. Fit the nuts & washers onto the wall fixing studs & hand tighten only.
6. Place the wall plate (Item 11) over the button/sensor tube & the copper water tube. Fit the flange nut (Item 5) to the button/sensor tube and hand tighten only ensuring that the coloured button bezel is resting correctly into the recess on the basin splashback.
7. Check the position of the basin to ensure it is level in all three planes & to ensure it is not being supported by resting on the water tubes. Tighten each wall fixing nut in a diagonal sequence gradually, to a maximum torque of 17Nm.
9. Tighten the button/sensor tube nut using a spanner to grasp to tube flats, to a maximum torque of 17Nm.
10. The water valve & cable pack (Item 1) are supplied as a separate sales item (i.e.; P/No WVPB400-3). Assemble the valve to the copper water tube (Item 10) referring to the instruction drawing supplied with the water valve pack. Note that the push fit elbow fittings (Item 2) are not supplied with the water valve pack or basin.
11. Connect the water supply feed to each water valve (Item 1) ensuring that the water strainer supplied with the valve are located into the end of the supply pipe (15mm copper tube) before assembly into each water valve. Tighten compression nuts hand tight, plus ½ a turn (12.5Nm-14Nm). Check for leaks, tighten further if required to a maximum of ¾ of a turn (20Nm).

Note: A means of controlling the hot water temperature is required, such as a TMV3 valve. The electronic basin controls do not control water temperature.

12. Connect a deep seal waste trap to the waste supply pipe and then to the basin waste pipe (Size 1 1/4" / 32mm). Note that that the waste trap should be positioned below the level of the basin waste trap to provide a good drainage flow rate.
13. Connect the water valve cable & piezo touch button or infra-red sensor cable to the electronic control unit by referring to the product manual for the control unit.
14. The basin must be sealed to the wall using an anti-pick hard set mastic such as Sikadur 33.
15. Carry out final commissioning of the product to ensure its correct operation and set up. Further details are available in the basin product manual.

Notes:

- 1) The water valve & cable pack is sold separately to the basin.

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	Water solenoid valves with cables. (Note, sold as a separate item to basin).	1
2	Push fit 15mm street elbow (Not supplied).	1
3	Wall fixing stud.	3
4	Wall fixing washer	3
5	Wall fixing nut.	3
6	Flange nut for piezo touch button or IR sensor	1
7	Copper water tube	1
8	Piezo touch button or IR sensor & wall tube	2
9	Waste connector O ring seal.	1
10	Waste pipe.	1
11	Basin wall plate assembly.	1

Important!
In order to maintain the anti-ligature and anti vandal properties of this product, it must be installed in line with the instructions provided.

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TITLE: COMPONENTS
PACKED WITH BASIN
Drg No: ALS-181-INS-KIT
Model/Client/Project:

MATERIAL:
FINISH:
Limits: (unless stated)
± 0.25mm (sheetmetal)
± 0.10mm (machined)
± 2.00mm (pattern)
± 5.00mm (moulded)
All dimensions in mm,
All angles 90° (unless stated)
Scale: NTS
A3 3rd