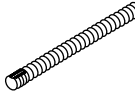






Supplied parts:



M10 stud
E x 2



Basin collar
F x 2



M10 nut
G x 4



Sleeve cover
H x 2



Pipe Clamp
K x 1



Waste adaptor
L x 1



Trapway
N x 1



Wall collar
A x 2



Ø75xØ21 Washer
B x 2



Click nut
D x 2


M10 washer
M x 2

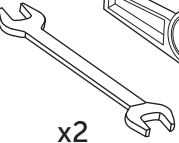

Rubber washer
U x 2

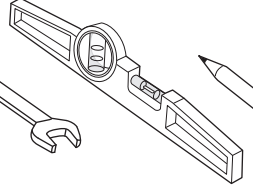
Assembly only

Ø75xØ10.5 Washer
P x 2



Ø41 Packer
C x 2

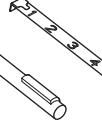
Items marked  contain a silver biocide antimicrobial substance

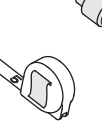
Required tools:

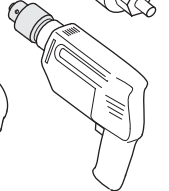

x2



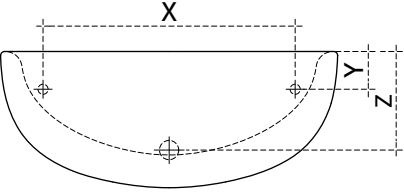



Ø15 mm


Ø30 mm



Drilled hole dimensions:



	X	Y	Z
S0430			
S0431	375	55	155
S0432			
S0444	475	55	155
S0433	290	55	155
S0435			

National Plumbing & Drainage code:

The product covered by this installation instruction must be installed as described and in accordance with relevant local regulations. Installations not complying may void the product performance & warranty. Armitage Shanks strongly recommends that this product is fitted by a professional installer. The product is designed to meet the requirements of BS EN 274:2002 and is to be used for waste water only. To install, tighten each nut [G] with a torque no greater than 20Nm and pipe securing clip [K] no greater than 3Nm. Check for water tightness. Waste pipes must be supported; do not connect to the trap without sufficient support. Service temperature range 15°C to 90°C. Maximum operating pressure 10kPA (0.1bar).



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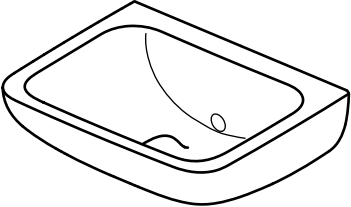
Armitage Shanks pursues a policy of continuing improvement in design and performance of its products. The right is therefore reserved to vary specification without notice.

SmartGuard

Panel Fixation & 1¼ Waste Connection
Assembly and Installation Instruction

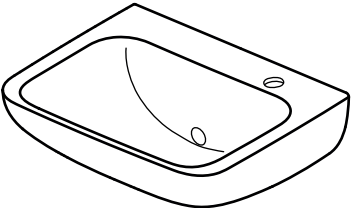
METHOD A

Back of panel accessible from inside the room



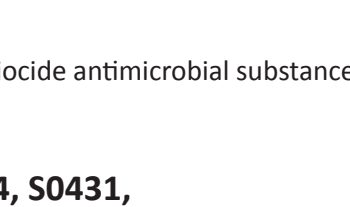
METHOD B

12 to 22mm thick panel - back of panel not accessible from inside the room



METHOD C

26 to 36mm thick panel - back of panel not accessible from inside the room



Items in this pack contain a silver biocide antimicrobial substance

S0430, S0444, S0431,
S0433 & S0435



METHOD A Back of panel accessible from inside the room

1

Ø15mm
Ø79mm

Check hole is not outside basin wall-print.

2

Hand tighten until sleeve cover **H** touches back of basin.

3

Check adaptor **L** touches stop and is vertical.

4

Bend adaptor **L** to fit through Ø79 hole.

Trapway can be turned to suit waste pipe connection requirements. Waste pipes must have sufficient support before connection.

5

Check for water leaks before completing installation.

6

Check for water leaks before completing installation.

See methods **B & C** for installations where the back of the panel can not be reached from inside the room.

METHOD B 12 to 22mm thick panel - back of panel not accessible from inside the room

1

12-22mm
Ø30mm
Ø79mm

Check hole is not outside basin wall-print.

2

Use rubber washer **U** pushed through hole to hold components **A, E & G** in place while accessing back of panel.

Remove washer **U** & pull M10 stud **E** from back to click **B, C & D** together. Unthread stud **E** & pick up nut **G**.

3

Hand tighten until sleeve cover **H** touches back of basin.

4

Check adaptor **L** touches stop and is vertical.

5

Bend adaptor **L** to fit through Ø79 hole. The M10 stud **E** will push & click in place.

Check for water leaks before completing installation.

6

Check for water leaks before completing installation.

Trapway can be turned to suit waste pipe connection requirements. Waste pipes must have sufficient support before connection.

METHOD C 26 to 36mm thick panel - back of panel not accessible from inside the room

1

26-36mm
Ø30mm
Ø79mm

Check hole is not outside basin wall-print.

2

Use rubber washer **U** pushed through hole to hold components **A, E & G** in place while accessing back of panel.

Remove washer **U** & pull M10 stud **E** from back to click **B, C & D** together. Unthread stud **E** & pick up nut **G**.

3

Hand tighten until sleeve cover **H** touches back of basin.

4

Check adaptor **L** touches stop and is vertical.

5

Bend adaptor **L** to fit through Ø79 hole. The M10 stud **E** will push & click in place.

Check for water leaks before completing installation.

6

Check for water leaks before completing installation.

Trapway can be turned to suit waste pipe connection requirements. Waste pipes must have sufficient support before connection.