

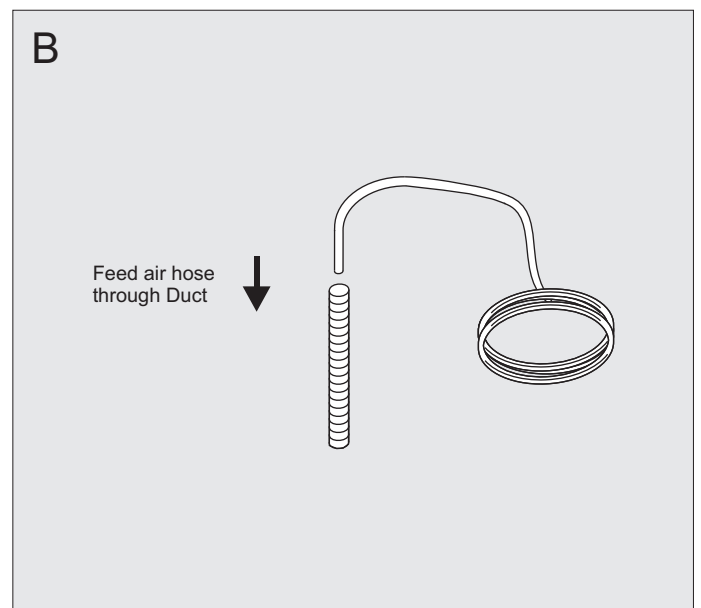
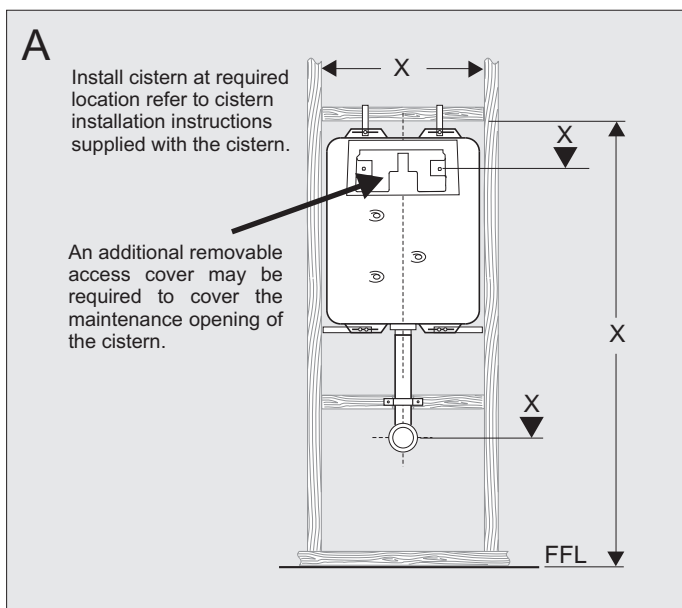
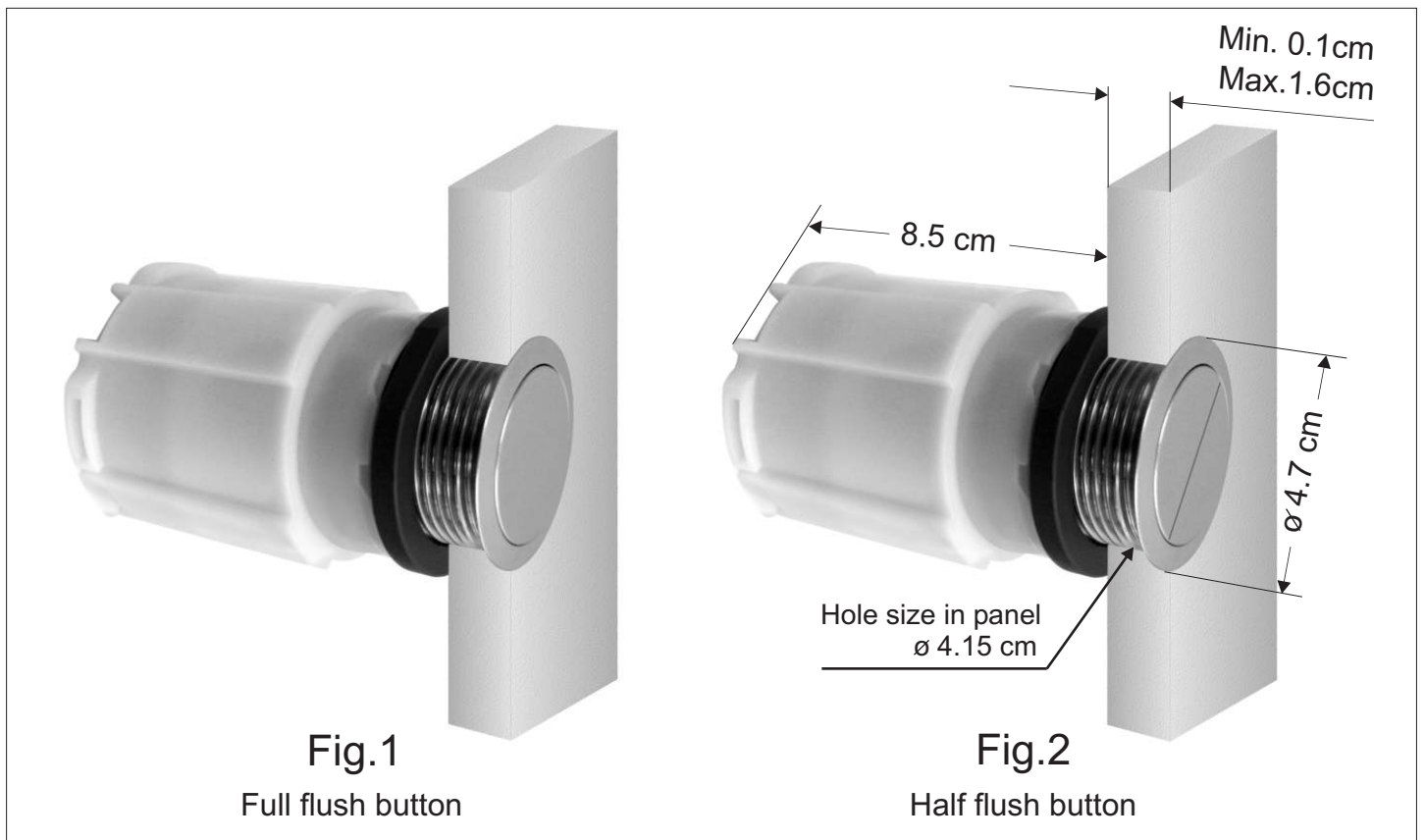
Installation Instruction Pneumatic Actuator Art No.117.020.00.1

Studwall installation with 110.708.00.1 pneumatic cistern

Note: All construction dimensions, materials, methods and details shown are indicative only . The final sizing, materials used and construction methods must be determined by the project Architect, Builder, Engineer and local Standard. The company reserves the right to change specifications, materials and dimensions without further notice.

Edition two 22/08/2007, File name: Panel mount buttons installation instructions.cdr

The 117.020.00.1 button set is manufactured to be built into panel walls. For the installation and later servicing of the button an access panel has to be provided (supplied by others) that allows access to the rear of the buttons. The opening has to be big enough to be able to completely remove the rear assembly of the buttons .

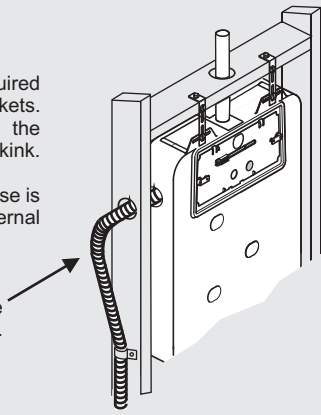


C

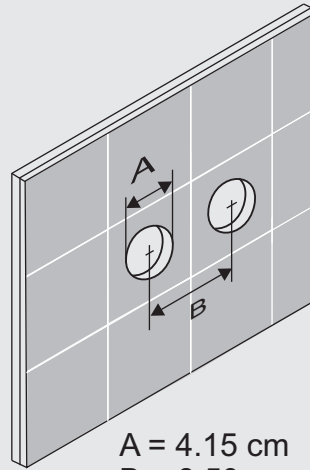
Install corrugated duct in required position and fasten with brackets. Allow sufficient radius on the corners that duct does not kink.

Make sure that pneumatic hose is not entangle with the internal mechanisms.

Duct and hose can be also be installed on opposite side.



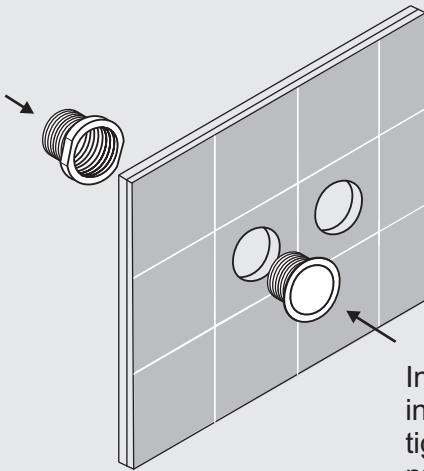
1



A = 4.15 cm
B = 8.50 cm

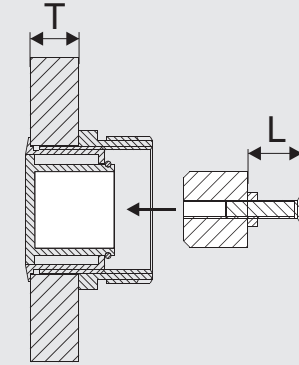
Drill two 4.15 cm holes in the preferred installation location at a minimum of 8.5 cm apart. Panel thicknesses thicker than 16mm have to be counter bored or recessed from the rear. Allow for enough recess area to allow tightening of the back nut.

2



Inset the buttons into the holes and tighten the back nuts.

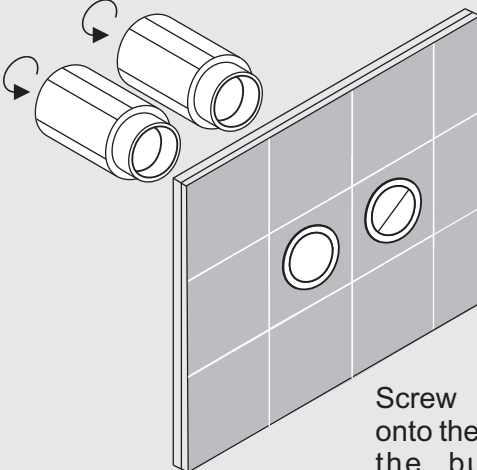
3



	T	L
T Max. 16 mm	16	16
	Now for each mm less in Panel thickness "T" wind the bolt another mm in.	

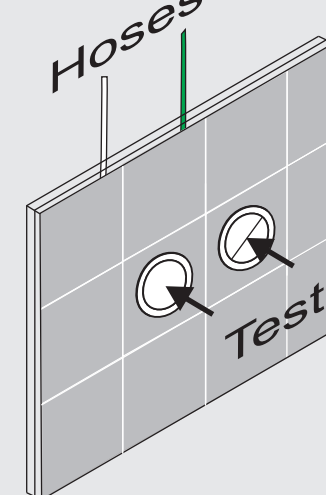
Adjust "L" of the supplied spacer to compensate for the various material thicknesses "T" of the installation surface. This is accomplished by turning the bolt in or out as required (see table 1). After adjusting the bolt to the required length, secure it by tightening the supplied counter nut. For "T" smaller than 7 mm the counter nut is not required - just tighten the bolt onto the plastic insert. For "T" smaller than 2 mm the counter remove the bolt all together.

4



Screw the bellows onto the back nuts of the buttons and tighten.

5



Connect the hoses to the bellows. Connect green hose to the half flush button (button marked with a line) and clear hose to the full flush button. Test the complete installation to confirm proper functioning of the cistern and buttons.