

REVISION HISTORY				
REV	DATE	DESCRIPTION	BY	CHKD
3	04/12/2015	DIMENSION ADDED	RD	DB

A

SOLENOID FLUSH VALVE 12VDC.
INLET CONNECTION 1" BSP MALE.
(REFER TO NOTES 1 & 2).

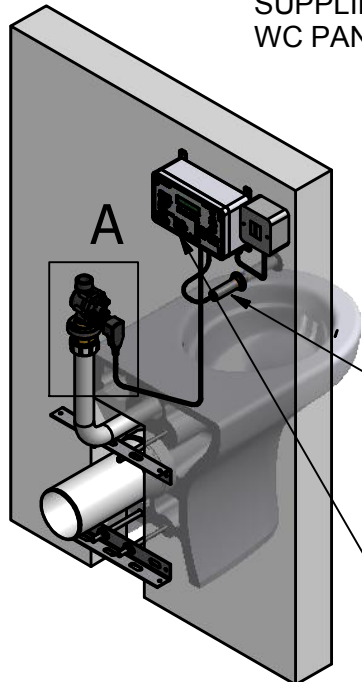
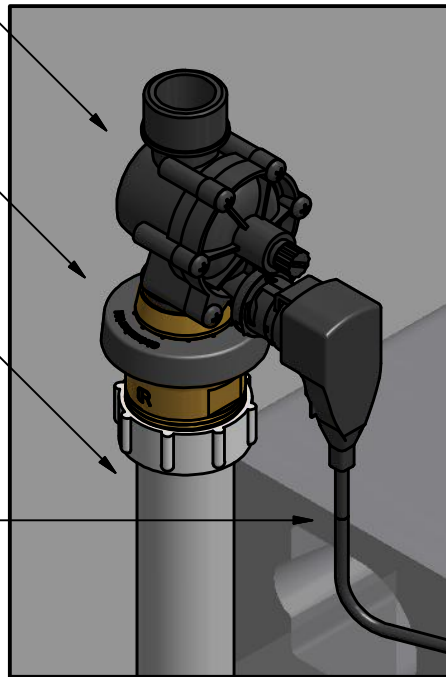
DC DEVICE
(PIPE INTERRUPTER).
REFER TO NOTE 2.

FLUSH PIPE (610 x 610mm)
SUPPLIED WITH
WC PAN SEAL.

CABLE FOR FLUSH
VALVE. REFER TO
NOTE 5.

ACTIVATION TOUCH BUTTON
or IR SENSOR.
REFER TO NOTE 4.

ELECTRONIC CONTROL UNIT.
REFER TO NOTE 3.



WC PAN & FITTINGS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY

1. Water supply requirements:

- Multiple wc outlets will require the main feed to be suitably sized to cover the maximum flow volume demand. From the main feed pipe, a 28mm size copper tube (or equivalent pipe size) should be fed to the flush valve.
- Inlet connection size to direct flush solenoid valve 1" BSP male.
- Cold water supply with a **dynamic pressure** that is adjustable between 1 - 2Bar.
- A constant flow rate of 1.5 -2 litres per second, (90-125 lpm) minimum.

2. DC device (Pipe Interrupter) & Water solenoid valve:

The DC Device has an integral flow regulator fitted rated at 100 lpm. Additional regulators rated at 90 & 125 lpm are supplied. The solenoid valve includes a flow adjustment screw that can also be used to reduce the flow rate if required.

3. Electronic Control unit:

The direct flush valve kit is designed to be used in conjunction with an electronic control unit to primarily control the flush valve open time. An electrical supply of 240VAC 50Hz 1Amp is required. The control unit is ordered separately and various models are available.

4. Flush activation button / sensor:

The wc flush is activated by the user either by a piezo electric touch button or an infra red sensor. The preferred product type for activation, (touch button or IR sensor) is ordered separately, 4m length cable, extension leads of 4m are also available. The button or sensor includes a wall tube that is available in various lengths to suit the wall thickness.

5. Flush valve cable:

The electrical connection lead (4 metre) to link the flush valve solenoid to the electronic control unit is ordered as a separate item. Extension leads 4m are available.

Contact Wallgate sales for advice & additional information.

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Wallgate

TITLE: WC DIRECT FLUSH KIT.

Drg No: INS_DFKIT03

Model/Client/Project: (SHEET 1 OF 2)

MATERIAL:

FINISH:

Limits: (unless stated)
± 0.25mm (sheetmetal)
± 0.10mm (machined)
± 2.00mm (pattern)
± 5.00mm (moulded)

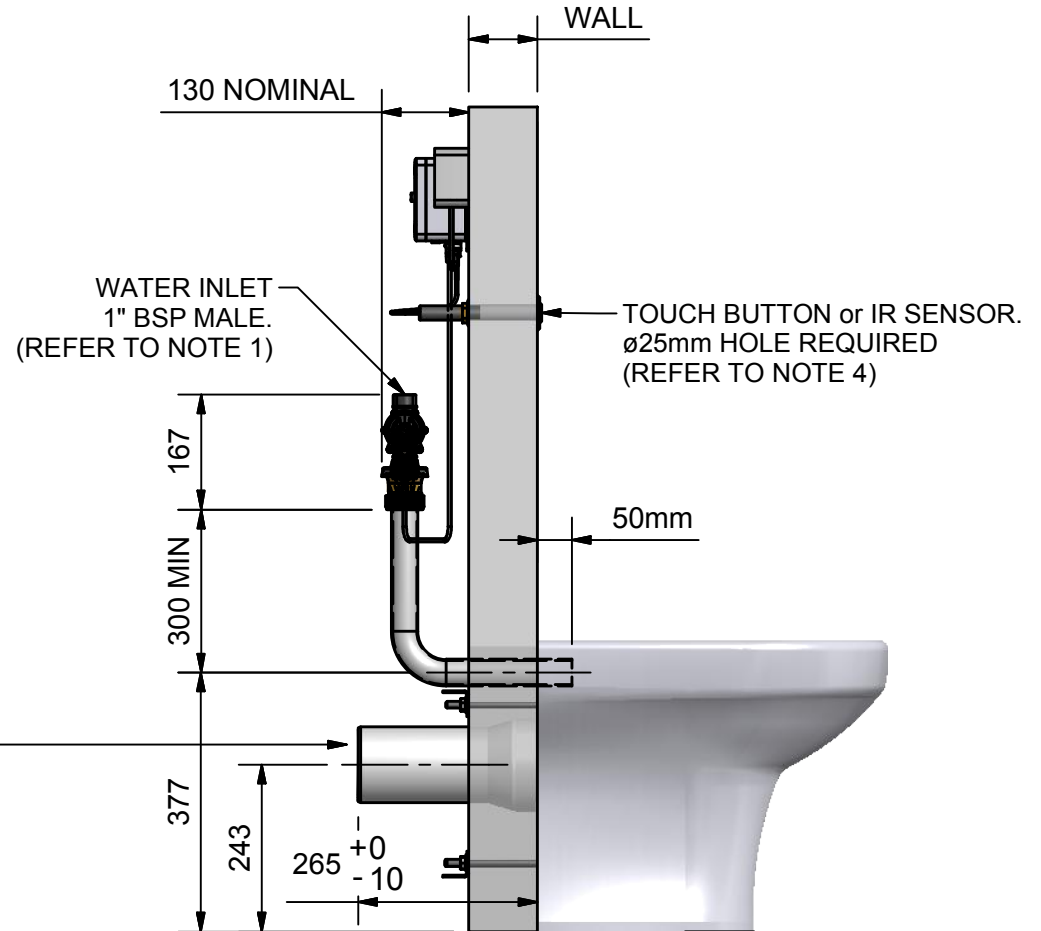
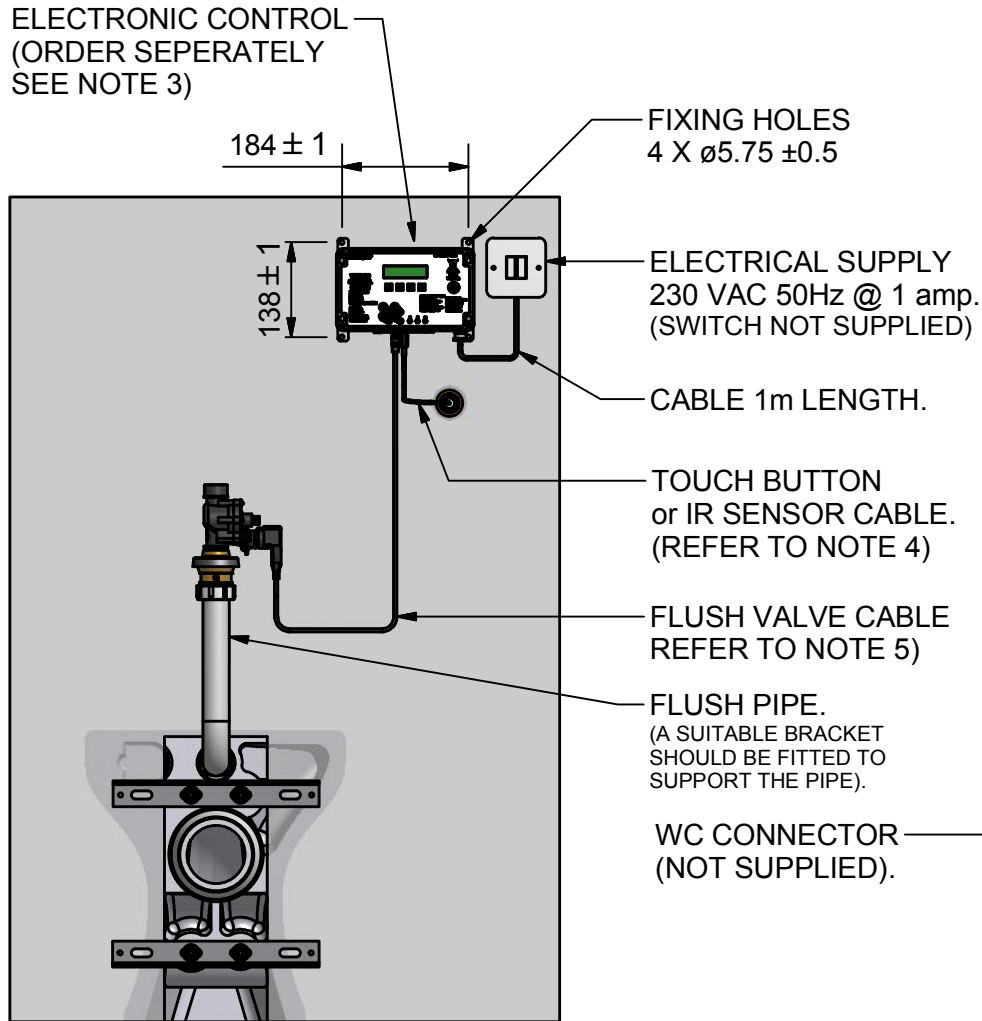
All dimensions in mm,
All angles 90° (unless stated)

Scale: NTS

A4 3rd

REFER TO SHEET 1 FOR NOTES.

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Wallgate

TITLE: WC DIRECT FLUSH KIT.

Drg No: INS_DFKIT03

Model/Client/Project: (SHEET 2 OF 2)

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

A4 3rd