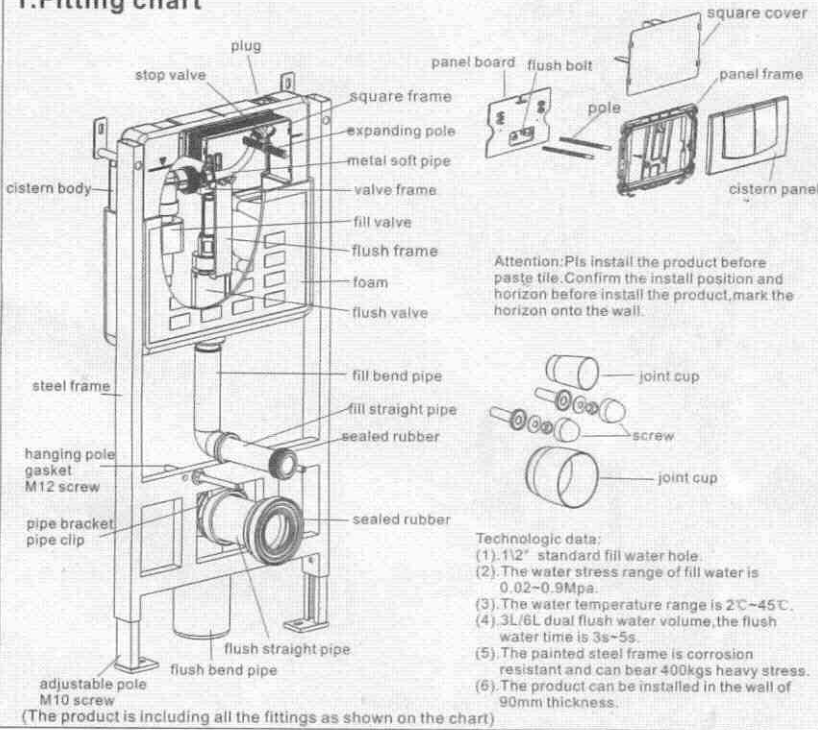# Instruction Manual of Concealed Cistern
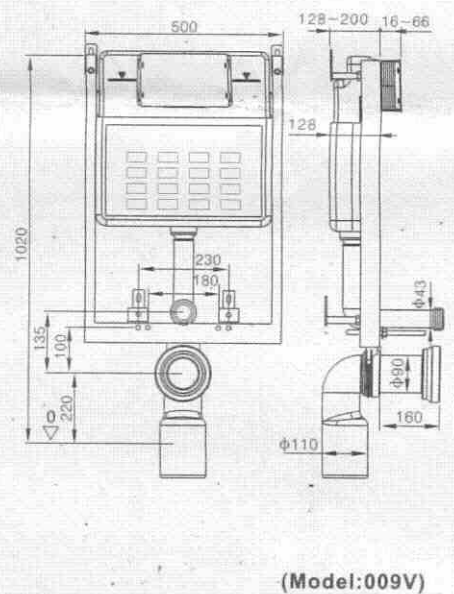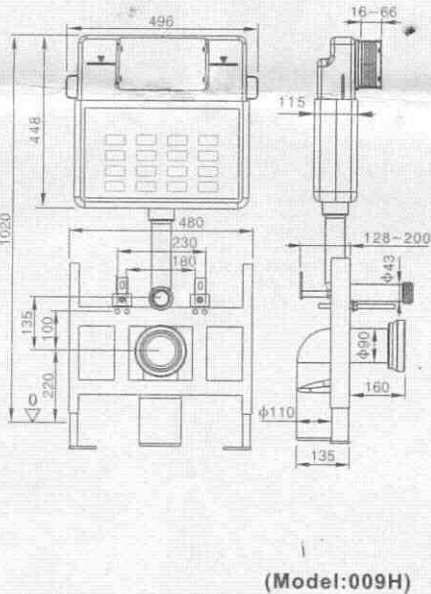# (Install With Wall Hung Toilet)

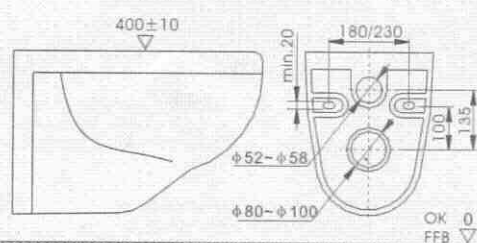## 1. Fitting chart

Labels (left diagram): plug, stop valve, square frame, expanding pole, metal soft pipe, valve frame, fill valve, flush frame, foam, flush valve, cistern body, steel frame, fill bend pipe, fill straight pipe, sealed rubber, hanging pole gasket M12 screw, pipe bracket pipe clip, sealed rubber, flush straight pipe, flush bend pipe, adjustable pole M10 screw

(The product is including all the fittings as shown on the chart)

Labels (middle): panel board, flush bolt, square cover, panel frame, pole, cistern panel

Attention: Pls install the product before paste tile. Confirm the install position and horizon before install the product, mark the horizon onto the wall.

Labels: joint cup, screw, joint cup

Technologic data:
(1). 1\2" standard fill water hole.
(2). The water stress range of fill water is 0.02~0.9Mpa.
(3). The water temperature range is 2℃~45℃.
(4). 3L/6L dual flush water volume, the flush water time is 3s~5s.
(5). The painted steel frame is corrosion resistant and can bear 400kgs heavy stress.
(6). The product can be installed in the wall of 90mm thickness.

Labels (right): square cover, adjustable pole M10 screw gasket, steel frame — **009H steel frame**

adjustable pole M10 screw gasket, adjustable pole M10 screw gasket, steel frame — **009V steel frame**

2. Technologic data:

(Model:009A)

(Model:009H)

(Model:009V)

## 3. Technology specification of wall hunt toilet

The measure requirement of wall hung toilet:
(1). The distance of the two hanging holes' centre is 180mm or 230mm.
(2). The distance between fill hole's centre and flush hole's centre is 135mm.
(3). The distance between flush hole's centre and hanging hole's centre is 100mm.
(4). The diameter of fill hole is φ52mm~φ58mm.
(5). The outer diameter of flush hole is φ80mm~φ100mm.
(6). The diameter of hanging hole can't less than φ20mm.
(7). The height from the top surface of wall hung tollet to the floor is 400mm (10mm more or less).

4. Install ways

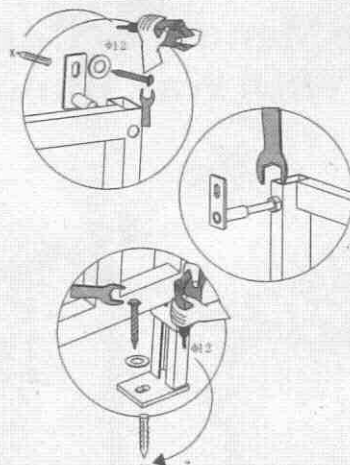dry wall   pre-wall   dry half wall   pre-half wall
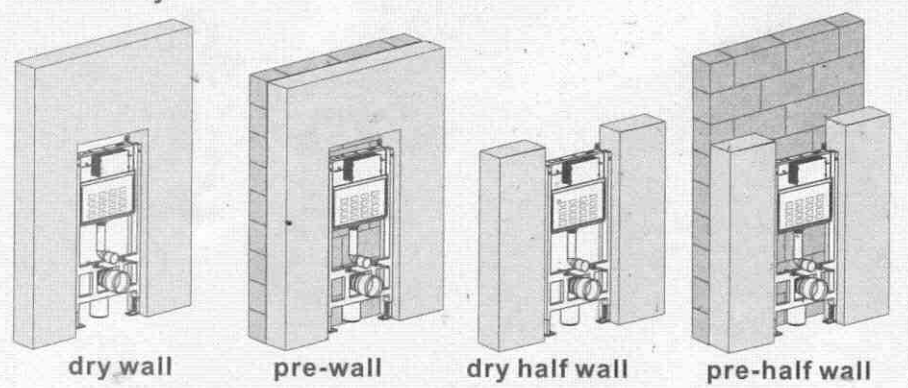
Attention: The wall which is installing the concealed cistern can be: brick beton; keel frame+plasterboard; keel frame+beaverboard; wooden frame.
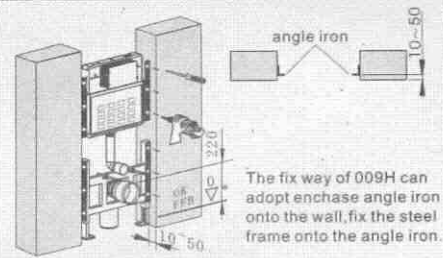
5.Install steel frame

130~200

220
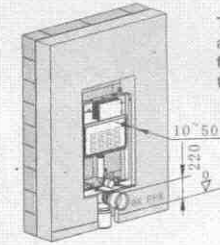10~50
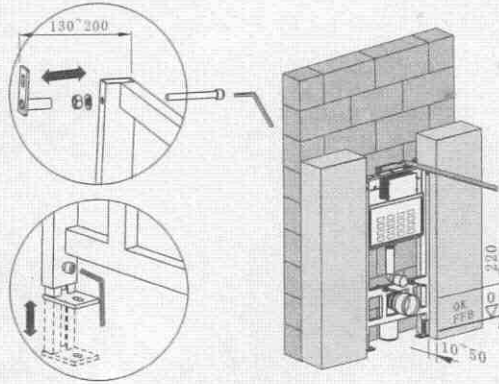
Adjust the adjustable poles longer or shorter

Adjust the balance and measure of steel frame, make mark on the position of drill hole.

Ø12

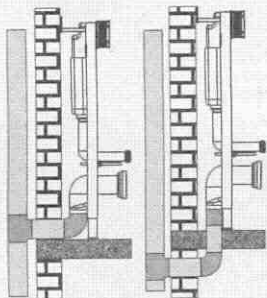Drill hole,hit plastic nail into the hole, fix the steel frame by screw.

angle iron

10~50
220

The fix way of 009H can adopt enchase angle iron onto the wall,fix the steel frame onto the angle iron.

10~50
220

The fix way of 009V can adopt fill brick beton or keel frame under the steel frame to support the product.

6.Install flush pipe

①pipe installed above the floor
②pipe installed under the floor
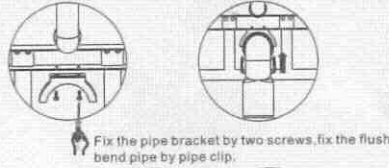
Fix the pipe bracket by two screws,fix the flush bend pipe by pipe clip.

The flush bend pipe can be turned to suitable position according to requirement.

The way of connect the flush bend pipe:
HDPE plastic: weld the flush bend pipe by heated steel board, connect the flush bend pipe and flush pipeline by rubber tie-in.
ABS plastic: smear glue onto the flush bend pipe,connect the flush bend pipe and flush pipeline by rubber tie-in.

7.Install fill water pipe
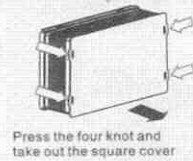
Press the four knot and take out the square cover
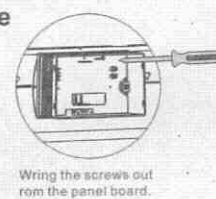
Wring the screws out rom the panel board.

Catch the panel board,pull it upward and take it out aslant.

Connect the fill water pipe with angle iron and connect the metal soft pipe with angle iron

Attention: There may be much dirt in the new pipe,pls repeat open and close the stop valve several times, flush out the dirt by open & close the water source several times,till appear clean water. At the same time, pls wash the dirt in the cistern.
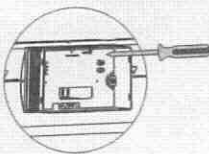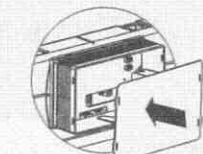
8.Preparative before build wall

Insert the panel board to the knot aslant
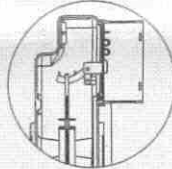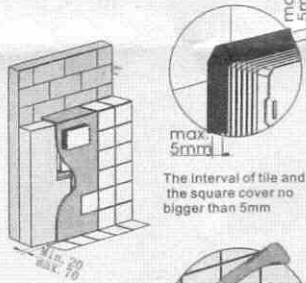
Insert the two hooks of panel board into the flush valve

Twist the panel board with screw tightly

Cover the square cover (to prevent the dirty and prevent the deformation)
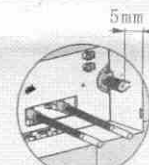
9.Build the wall

max. 5mm

max. 5mm

The interval of tile and the square cover no bigger than 5mm

Min. 20 max. 70

Cover the system of concealed cistern by plasterboard or composite board. Stick tile onto the finished wall. the range of tile thickness is 20mm~70mm.

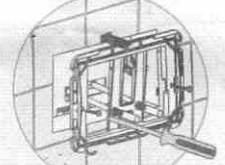Cut the part which protruding of tile flat with the wall
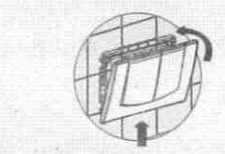
10.Install cistern panel

5mm

The surface of expanding pole is 5mm lower than the wall surface.

Fix the panel frame onto the expanding pole by screw.

28mm

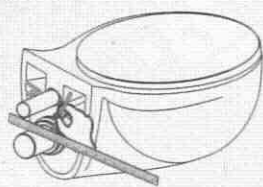Adjust the outer part of pole to be about 28mm.

Buckle the bottom of cistern panel onto the panel frame,stress the cistern panel upward, close the cistern panel onto the panel frame.
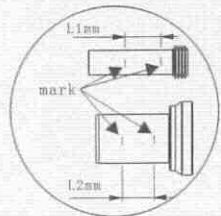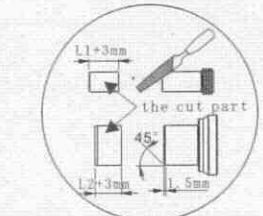
11.Adjust straight pipe
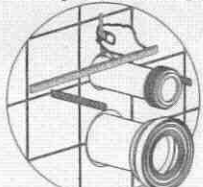
Insert the straight pipe into the bend pipe,make mark on the pipe where is balance to the wall.

Insert the straight pipe into the hole of wall hung toilet,make mark on the pipe where is balance to the surface of wall hung toilet.
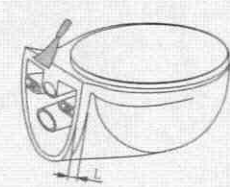
L1mm
mark
L2mm

Measure the distance between the two marks.
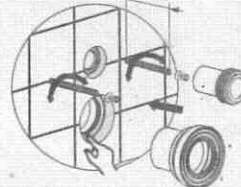
L1+3mm
the cut part
45°
L2+3mm   L5mm

Measure the length of L+3mm at the edge of straight pipe and cut it down.Rub the cut edge of straight pipe by file to make it smooth.
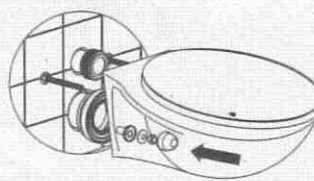
12.Install wall hung toilet

L+20mm

L

Measure the depth "L" of hanging hole of wall hung toilet,smear small white cement onto the side surface of wall hung toilet where connecting to the wall.

Smear silicon oil onto the sealed rubber of bend pipe,insert straight pipe into the bend pipe.Adjust the length of hanging pole,make the length of outside wall to be L+20mm. Fix the hanging pole by screw.

Install the wall hung toilet onto the hanging pole, set decorated ring,gasket,screw & decorated cap onto the hanging pole orderly.

Smear glass glue onto the side of wall hung toilet where connecting to the wall.

13.Install effect