

# TOP ACCESS FLOOR TRAP SYSTEM





### **LUXURIOUS** GRATINGS & COLLARS Quality without Compromise







### Introduction

# **SANSICO**<sup>®</sup>

### Sansico Industries Sdn Bhd

For over 20 years now, Sansico Industries Sdn Bhd has accumulated a healthy and strong market reputation of providing quality products to customers. We have since progressed to be one of the leading manufacturers for cold water plumbing systems and as well as top access floor trap systems for wastewater management.

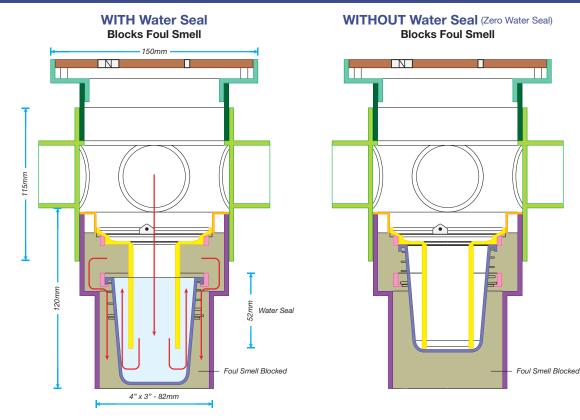
Sansico<sup>™</sup> launched its first top access floor traps in 2008 and won the new product award for our S1 & S2 models in the prestigious ARCHIDEX 2009. And in the year 2017 we won another new product award again for our innovative 360-aligning collar in the ARCHIDEX 17 exhibition. Our floor trap systems have been successfully and widely used in condominiums/houses, hospitals, commercial buildings, offices, hypermarkets and in overseas i.e., Singapore, Indonesia, Thailand, Cambodia & Vietnam.

With entrepreneurial thinking, we have revolutionised our floor trap design to eliminate all problems faced by the top access floor traps in the market. Thus, we proudly present our latest patented state of the art - **S4 model**. The SIRIM approved S4 has overcome all the shortcomings of a top access floor trap system. With its elegant and sleek design, it has an additional feature called "Zero Water Seal" that solves the fast dried-up water seal issue. To add icing on the cake, it comes with the largest range of locally manufactured quality floor gratings in the market. This allows for flexibility and many architecturally pleasing top finishing designs in the bathroom.

### Top Access Floor Trap System S4 Model Flow rate: 80 litres per minute \*Sirim requirement: 48 litres / minute

Dimensions of S4 Model Top Access Floor Trap System 4" Pipe Sleeve

### The S4 Floor Trap System can function normally with or without Water Seal



### Tests undergone by the SANSICO<sup>™</sup> S4 Floor Trap/Gulley

- Load Test
- Depth of Water Seal
- Resistance of Water Seal to Pressure
  - Flow Pat
- Access for CleaningAnti Blockage
- ressure Water Tightness
  - Flow Rate Test

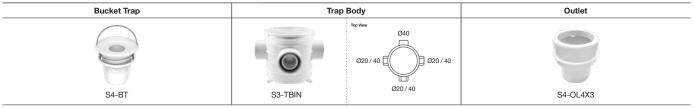
Temperature CyclingOdour Tightness



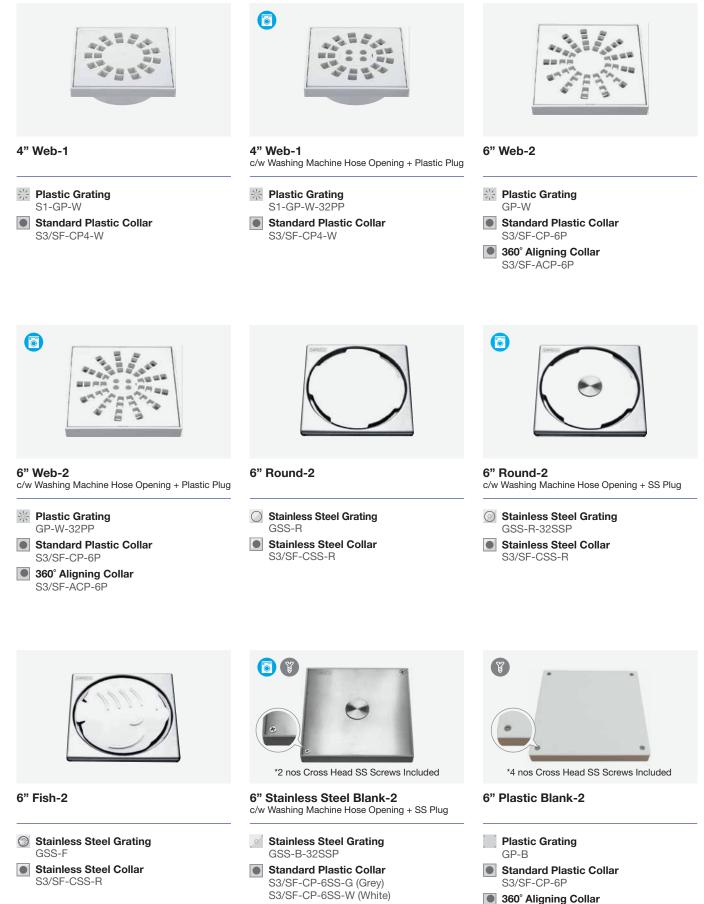
### Benefits of S4 Trap system:

- Zero Water Seal -> This additional feature will activate when the water seal is fully evaporated
- Compact and elegant design
- Prevents foul smell and insects from entering the house
- Easy top access cleaning and maintenance
- Higher false ceiling, space saving
- 75mm opening for easy rodding & cleaning
- Comes with built-in sockets/inlets that provide quick connection for air conditioner & washing machine drain pipes to trap body (pipe sleeve)
- Air conditioner condensation water isolated
  - Durable stainless steel 304 spring up to 300,000 cycles/strokes

### S4 Trap System Product Code



### 6" & 4" Grating & Collar Web / Round / Fish / Blank



360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)

S3/SF-ACP-6P

### **6" & 4" Grating & Collar** Tile Tray



- 6" Stainless Steel Tile Tray & Collar
- Stainless Steel Tile Tray TSS-TT6

Standard Plastic Collar with SS Lining S3/SF-CPSSL-TT-G (Grey) S3/SF-CPSSL-TT-W (White)

360° Aligning Collar S3/SF-ACPSSL-TT-G (Grey) S3/SF-ACPSSL-TT-W (White)



### 6" Plastic Tile Tray & Collar Grey

Plastic Tile Tray TP-TT6-G

- Standard Plastic Collar S3/SF-CP-TT-G
- **360° Aligning Collar** S3/SF-ACP-TT-G



6" Stainless Steel Tile Tray with Plastic Collar

- Stainless Steel Tile Tray TSS-TT6
- Standard Plastic Collar S3/SF-CP-TT-G (Grey) S3/SF-CP-TT-W (White)
- 360° Aligning Collar S3/SF-ACP-TT-G (Grey) S3/SF-ACP-TT-W (White)



- 4" Stainless Steel Tile Tray & Collar
- Stainless Steel Tile Tray TSS-TT4
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-TT4-G (Grey) S3/SF-CPSSL-TT4-W (White)



### 6" Plastic Tile Tray & Collar White

- Plastic Tile Tray TP-TT6-W
- Standard Plastic Collar S3/SF-CP-TT-W

360° Aligning Collar S3/SF-ACP-TT-W



- 4" Plastic Tile Tray & Collar White
- **Plastic Tile Tray** TP-TT4-W
- Standard Plastic Collar S3/SF-CP-TT4-W



### 4" Plastic Tile Tray & Collar Grey

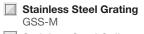
**Plastic Tile Tray** TP-TT4-G

Standard Plastic Collar S3/SF-CP-TT4-G

### **6" Grating & Collar** Maze / Planar



#### 6" Maze-2



Stainless Steel Collar S3/SF-CSS-S



6" Maze-2 c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating GSS-M-32SSP
   Stainless Steel Collar
- S3/SF-CSS-S



#### 6" Maze-2 White

- Plastic Grating
   GP-M-W
- Standard Plastic Collar S3/SF-CP-M1-W
- **360° Aligning Collar** S3/SF-ACP(SSL)-TT-W



#### 6" Maze-2 Grey

- Plastic Grating GP-M-G
- Standard Plastic Collar S3/SF-CP-M1-G
- 360° Aligning Collar S3/SF-ACP(SSL)-TT-G



### 6" Planar Short-2

- Stainless Steel Grating GSS-PS
- Standard Plastic Collar S3/SF-CP(SSL)-TT-G (Grey) S3/SF-CP(SSL)-TT-W (White)
- 360° Aligning Collar S3/SF-ACP(SSL)-TT-G (Grey) S3/SF-ACP(SSL)-TT-W (White)



- 6" Planar Short-2 c/w Washing Machine Hose Opening + SS Plug
- Stainless Steel Grating GSS-PS-32SSP
- Standard Plastic Collar S3/SF-CP(SSL)-TT-G (Grey) S3/SF-CP(SSL)-TT-W (White)
- 360° Aligning Collar S3/SF-ACP(SSL)-TT-G (Grey) S3/SF-ACP(SSL)-TT-W (White)



### 6" Planar Tall-2

- Stainless Steel Grating GSS-PT
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-TT-G (Grey) S3/SF-CPSSL-TT-W (White)
- 360° Aligning Collar S3/SF-ACPSSL-TT-G (Grey) S3/SF-ACPSSL-TT-W (White)



### 6" Planar Tall-2

- c/w Washing Machine Hose Opening + SS Plug
- Stainless Steel Grating GSS-PT-32SSP
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-TT-G (Grey) S3/SF-CPSSL-TT-W (White)
- 360° Aligning Collar S3/SF-ACPSSL-TT-G (Grey) S3/SF-ACPSSL-TT-W (White)

### 6" & 4" Grating & Collar Daisy

### 6" Daisy Square-2

- Stainless Steel Grating GSS-DS
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



6" Daisy Square-4

- Stainless Steel Grating GSS-DS4
- Stainless Steel Collar S3/SF-CSS-S



- **6" Daisy Square-2** c/w Washing Machine Hose Opening + SS Plug
- Stainless Steel Grating GSS-DS-32SSP
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



- 6" Daisy Square-4 c/w Washing Machine Hose Opening + SS Plug
- Stainless Steel Grating GSS-DS4-32SSP
- Stainless Steel Collar S3/SF-CSS-S



- 6" Daisy Square-2 Anti-Theft
- Stainless Steel Grating GSS-DS-AT
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



### 6" Daisy Square-4 Anti-Theft

- Stainless Steel Grating GSS-DS4-AT
- Stainless Steel Collar S3/SF-CSS-S-AT



### 6" Daisy Square-3

- Stainless Steel Grating GSS-DS3
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-G (Grey) S3/SF-CPSSL-W (White)
- 360° Aligning Collar S3/SF-ACPSSL-G (Grey) S3/SF-ACPSSL-W (White)



- 6" Daisy Square-3 c/w Washing Machine Hose Opening + SS Plug
- Stainless Steel Grating GSS-DS3-32SSP
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-G (Grey) S3/SF-CPSSL-W (White)
- 360° Aligning Collar S3/SF-ACPSSL-G (Grey) S3/SF-ACPSSL-W (White)



### 6" Daisy Round-2

- Stainless Steel Grating GSS-DR
- Stainless Steel Collar S3/SF-CSS-R

### 6" & 4" Grating & Collar Daisy



6" Daisy Round-2 c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating GSS-DR-32SSP
- Stainless Steel Collar S3/SF-CSS-R



4" Daisy-1



Standard Plastic Collar S3/SF-CP4-G (Grey) S3/SF-CP4-W (White)



- 4" Daisy-1 c/w Washing Machine Hose Opening + SS Plug
- Stainless Steel Grating S1-GSS-D-32SSP
- Standard Plastic Collar S3/SF-CP4-G (Grey) S3/SF-CP4-W (White)



### 4" Daisy-1 Anti-Theft



Standard Plastic Collar S3/SF-CP4-G (Grey) S3/SF-CP4-W (White)

### 6" Grating & Collar

### Venus



### 6" Venus Square-2

- Stainless Steel Grating GSS-VS
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



#### 6" Venus Square-4

- Stainless Steel Grating GSS-VS4
- Stainless Steel Collar S3/SF-CSS-S



- 6" Venus Square-2 c/w Washing Machine Hose Opening + SS Plug
- Stainless Steel Grating GSS-VS-32SSP
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



- 6" Venus Square-4 c/w Washing Machine Hose Opening + SS Plug
- Stainless Steel Grating GSS-VS4-32SSP
- Stainless Steel Collar S3/SF-CSS-S



#### 6" Venus Square-2 Anti-Theft

- Stainless Steel Grating GSS-VS-AT
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



#### 6" Venus Square-4 Anti-Theft

- Stainless Steel Grating GSS-VS4-AT
- Stainless Steel Collar S3/SF-CSS-S-AT



### 6" Venus Square-3

- Stainless Steel Grating GSS-VS3
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-G (Grey) S3/SF-CPSSL-W (White)
- 360° Aligning Collar S3/SF-ACPSSL-G (Grey) S3/SF-ACPSSL-W (White)



- 6" Venus Square-3 c/w Washing Machine Hose Opening + SS Plug
- Stainless Steel Grating GSS-VS3-32SSP
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-G (Grey) S3/SF-CPSSL-W (White)
- 360° Aligning Collar S3/SF-ACPSSL-G (Grey) S3/SF-ACPSSL-W (White)



### 6" Venus Round-2

- Stainless Steel Grating GSS-VR
- Stainless Steel Collar S3/SF-CSS-R

### **6" Grating & Collar** Venus



6" Venus Round-2 c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating GSS-VR-32SSP
- Stainless Steel Collar S3/SF-CSS-R

# 6" Grating & Collar

### Bamboo



### 6" Bamboo-2

- Stainless Steel Grating GSS-BB
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



#### 6" Bamboo-4

- Stainless Steel Grating GSS-BB4
- Stainless Steel Collar S3/SF-CSS-S

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	2 2
*2 nos 0	Cross Head SS Screws Included

- 6" Bamboo-2 Anti-Theft
- Stainless Steel Grating GSS-BB-AT
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



### 6" Bamboo-4 Anti-Theft

- Stainless Steel Grating GSS-BB4-AT
- Stainless Steel Collar S3/SF-CSS-S-AT



### 6" Bamboo-3

- Stainless Steel Grating GSS-BB3
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-G (Grey) S3/SF-CPSSL-W (White)
- 360° Aligning Collar S3/SF-ACPSSL-G (Grey) S3/SF-ACPSSL-W (White)

# **6" Grating & Collar** Diamond



### 6" Diamond Square-2

- Stainless Steel Grating GSS-DMS
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



#### 6" Diamond Round-2

- Stainless Steel Grating GSS-DMR
- Stainless Steel Collar S3/SF-CSS-R



#### 6" Diamond Square-2 Anti-Theft

- Stainless Steel Grating GSS-DMS-AT
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



#### 6" Diamond Square-4

- Stainless Steel Grating GSS-DMS4
- Stainless Steel Collar S3/SF-CSS-S



### 6" Diamond Square-3

- Stainless Steel Grating GSS-DMS3
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-6SS-G (Grey) S3/SF-CPSSL-6SS-W (White)
- 360° Aligning Collar S3/SF-ACPSSL-G (Grey) S3/SF-ACPSSL-W (White)



### 6" Diamond Square-4 Anti-Theft

- Stainless Steel Grating GSS-DMS4-AT
- Stainless Steel Collar S3/SF-CSS-S-AT

### 6" & 4" Grating & Collar Chess



### 6" Chess Square-2

- Stainless Steel Grating GSS-CHS
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



#### 6" Chess Round-2

- Stainless Steel Grating GSS-CHR
- Stainless Steel Collar S3/SF-CSS-R



#### 6" Chess Square-2 Anti-Theft

- Stainless Steel Grating GSS-CHS-AT
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



### 6" Chess Square-4

- Stainless Steel Grating GSS-CHS4
- Stainless Steel Collar S3/SF-CSS-S



#### 6" Chess Square-3

- Stainless Steel Grating GSS-CHS3
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-6SS-G (Grey) S3/SF-CPSSL-6SS-W (White)
- 360° Aligning Collar
   S3/SF-ACPSSL-G (Grey)
   S3/SF-ACPSSL-W (White)



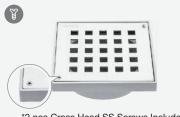
#### 6" Chess Square-4 Anti-Theft

- Stainless Steel Grating GSS-CHS4-AT
- Stainless Steel Collar S3/SF-CSS-S-AT





- Stainless Steel Grating S1-GSS-C
- Standard Plastic Collar S3/SF-CP4-G (Grey) S3/SF-CP4-W (White)



#### \*2 nos Cross Head SS Screws Included

#### 4" Chess-1 Anti-Theft

- Stainless Steel Grating S1-GSS-C-AT
- Standard Plastic Collar S3/SF-CP4-G (Grey) S3/SF-CP4-W (White)

**6" Grating & Collar** Chequer



### 6" Chequer Square-2

- Stainless Steel Grating GSS-CQS
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



### 6" Chequer Round-2

- Stainless Steel Grating GSS-CQR
- Stainless Steel Collar S3/SF-CSS-R



### 6" Chequer Square-2 Anti-Theft

- Stainless Steel Grating GSS-CQS-AT
- Standard Plastic Collar S3/SF-CP-6SS-G (Grey) S3/SF-CP-6SS-W (White)
- 360° Aligning Collar S3/SF-ACP-6SS-G (Grey) S3/SF-ACP-6SS-W (White)



#### 6" Chequer Square-4

- Stainless Steel Grating GSS-CQS4
- Stainless Steel Collar S3/SF-CSS-S



### 6" Chequer Square-3

- Stainless Steel Grating GSS-CQS3
- Standard Plastic Collar with SS Lining S3/SF-CPSSL-6SS-G (Grey) S3/SF-CPSSL-6SS-W (White)
- 360° Aligning Collar S3/SF-ACPSSL-G (Grey) S3/SF-ACPSSL-W (White)



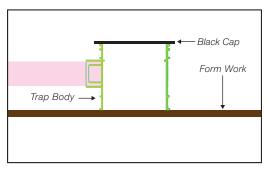
#### 6" Chequer Square-4 Anti-Theft

- Stainless Steel Grating GSS-CQS4-AT
- Stainless Steel Collar S3/SF-CSS-S-AT

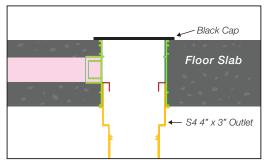
### Recommended slab thickness 125mm and above.

### **S4** Installation Method

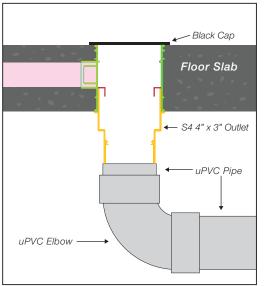
Step 1: Nail the trap body to form work, connect the drain pipes or air-cond discharge pipes if any.

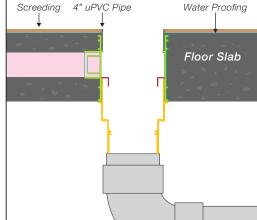


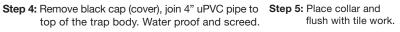
Step 2: Remove form work, fix outlet (with solvent cement).

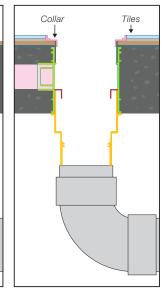


Step 3: Join bend or tee (with solvent cement) and fix uPVC pipe

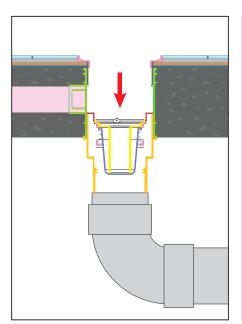




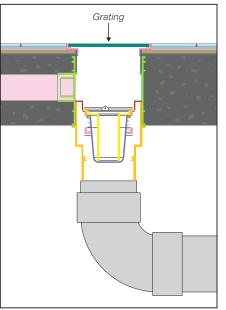




Step 6: Place bucket trap.

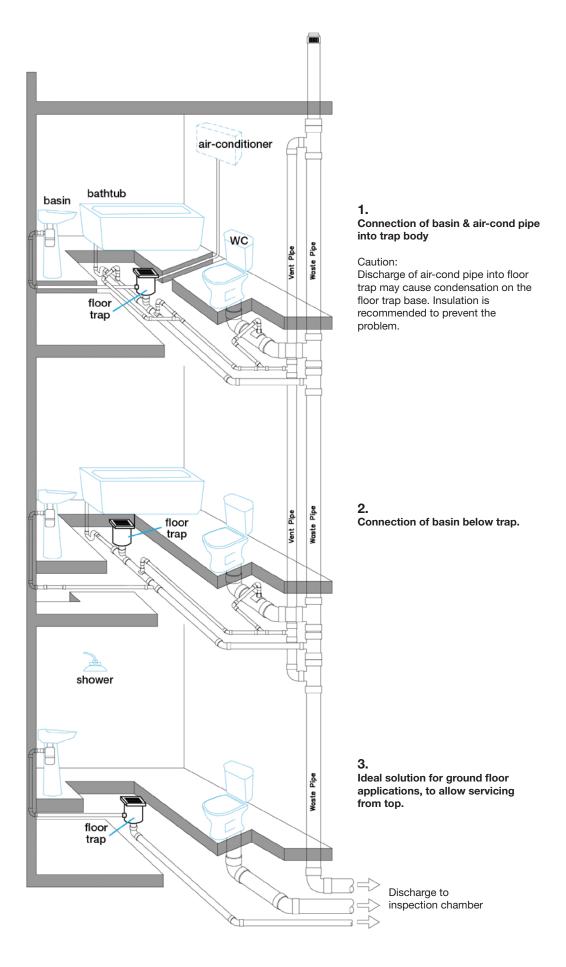


Step 7: Place grating. Installation completed.



It is recommended to use the black cap cover during installation and concreting.

### **Schematic Layout**



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### 360° Aligning Collar



# Another Innovative product from us.

With the many obvious benefits, advantages and increasing popularity of in-slab floor traps, there is an increasing need to have easy and uninterrupted access to the inside of these traps for maintenance purposes.

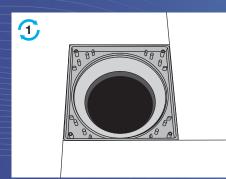
Towards this end, Sansico<sup>™</sup> has patented an **ingenious floor trap collar system** that gives unlimited and full access to the floor trap. The opening size is even larger than the trap itself, this provides easy access for maintenance and repair.

The central part of this collar is rotatable and allows for a misalignment up to 20mm (in any direction) in the collar placing, this can sometimes happen during tiling.

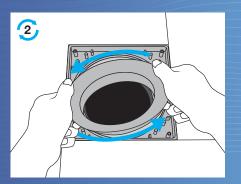
Usage of this collar eliminates all problems associated with access to floor traps for maintenance.

A great value item, makes life easier for the end user.

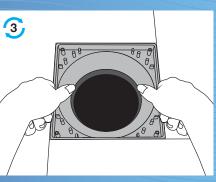
### Installation Method



Install collar frame.



Adjust position by using adjustable collar insert.



Push the collar insert into collar frame.

### Notes

	www.saasieo.com.my
Notes	



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