Install any wet facility anywhere you want!

Doable???
How do you evacuate a WC installed in a basement?
A Saniflo Macerator!
How do you evacuate a bathroom located far from the drain or if the drain is blocked?
A SaniPro XR!
How do you evacuate waste water from several WC + Washbasins + Urinals without evacuation drain near by?
A Sanicubic lifting station!
**WASTE WATER EVACUATION PROBLEM**

- When it is impossible to use conventional gravity drainage (e.g. basement, distance between site and sewage)
- When plumbing / building work is too disruptive
- When main drains are regularly blocked or clugged
- For temporary facilities (construction sites, etc.)
- Mobile toilets
Sanitary solutions

Macerators for WC and Evacuation pumps
- Fecal matter and toilet paper Dilaceration

- **Evacuation** through small diameter pipes, that can be located at several tens of meters from toilets throughout the house, even in the basement
Saniflo advantages

- No structural work – **NO SUMP DIGGING**!
- No matter where into a house
- Cost saving solution
- Evacuation pipe of 22, 28, ou 32 mm diameter to reach the main evacuation pipe (Ø 100 mm)
…from basement to the roof!

- Domestic environment (private villas, flats…)
- Professional environment (office buildings, stores, medical premises…)
- Commercial environment (restaurants, bars, beauty therapist…)
- Industrial environment (mining camps, construction sites, warehouses…)
SFA or Saniflo (brand name in English spoken countries) is part of French

Concept invented and commercialized since 1958 (55 years!)

World leaders of Macerating Units and Gray Water Pumps for domestic and commercial use.
Core Business: press & water
PRODUCED IN France SINCE 1958!

More than 7 million units installed worldwide!

Almost 15 years experience in India!

95% of international market share
World leaders of Macerating Units and Gray Water Pumps for domestic and commercial use.

Distributed in 120 countries - 24 Subsidiaries
Why should I install (as an Architect) SFA?

- A unique Solution to daily problems
- It will give design flexibility
- It will generate extra profits!
- It will enhance / reinforce my professional image as a specialist
A complete range

DOMESTIC USAGE

PROFESSIONAL USAGE

SANICONDENS RANGE
DOMESTIC RANGE

Ø : 22/28/32 mm
Motor power rating : 400 W

↑ 5 m → 100 m
COMERCIAL RANGE

Ø : Between 22mm and 100 mm
Motor power rating : UP TO 2x 2000 W
T° : UP TO 90° c (for 5 min max)
Tank volume : UP TO 120L
IP68
BMS Connection
CONDENS RANGE

Motor power rating: UP TO 22 W

Maximum flow rate: UP TO 15 L/h

6 m -> 60 m
How to select the right SFA unit?

It will be a matter of 3 parameters:


2. What will be the usage? (is it a private home or a public/Professional area?)

3. What will be the discharge requirements to reach the sewage or main drainage pipe? (Vertical and horizontal?)
II – Products standards

• Compliance with the requirement of CE and CSA products
  The CE logo on a device is mandatory in Europe and is an authorization to launch a product.

• Our units are compliant with the following guidelines:
  - 89-106-CEE : Construction guideline
  - 2006-95-CEE : Low voltage guideline
  - 2004-108-CEE : Electromagnetic compatibility guideline
  For these 3 guidelines, our certification tests are realized in accredited laboratories as LCIE, le VDE, le CSTB...

• Our macerators are compliant to the following hydraulic standards:
  - for macerators: EN12050-3 (cf. annexes)
  - for pumps: EN12050-2 (cf. annexes)
• These are not chemical toilets:
  • No chemical are added
  • Environmentally friendly working system

• Water saving:
  • 3 liters flush instead of 5 liters
  • 2 liters saved at each flush
  • Button double flush 1,8 L / 3 L (on specific models)

For a family of 4 that is 14,600 liters saved per year
• INSTALLATION GUIDANCE PROVIDED BY SFA

• ONCE EVERY 6 MONTHS:
  – Unplug your SFA units
  – Pour into your toilet 1 bottle of Descaler:
    ▪ Especially made to respect macerators membranes
    ▪ No risk for septic tank
    ▪ Laboratory tested

• Leave it for the night – Replug your SFA unit the following morning

Cleans  Disinfects  Purifies
Challenges:

- Various doctors (diabetic, heart, etc.) needed washbasins in each consultation rooms.
- A laboratory/pantry was needed in the hospital.
- The hospital is located in a commercial building with the evacuation at an extremity.
- Different areas of the 20,000 sqm hospital didn’t have sewage access.

Solution:

- 50 SFA units (Sanicom, Sanicubic, Sanivite, Sanispeed) have been installed at various locations allowing all wet facilities installation.
- 4 years after the first installations, the Hospital decided to use SFA technology again to install private bathrooms in each patient room.
- SFA technology allow the hospital to be equipped with all wet facilities needed.

This is to acknowledge that the Chellaram Diabetes Institute, Bavdhan, Pune, has 30 SFA Units (Sanicom & Sanicubic Pro) running at our hospital for last 3 years without any breakdowns or problems. The after sales service has been timely and reliable. This gave us confidence on reliability of the product and we have expanded our facilities to the ground floor hospital facilities and procured 10 more SFA units.

As a matter of fact SFA units were very useful & we could make toilets/bathrooms at desired places inside our hospital. It gave us flexibility in design to set our different units as per our requirement.

Dr. M. K. Mandal
Chief Medical Director
Chellaram Diabetes Clinic
Unit of Chellaram Foundation
1st floor “Lalani Quantum”, Pune Bangalore Highway
Bavdhan (budruk), Opp. DSK Toyota, Pune 411021 (T) 020-66839747 M- +918605011281
www.cdi.org.in
STUDY CASES

**IDBI Bank- Mumbai:**

**Challenges:**
- An office staff bathroom with 2 WC, 3 wash basins and 3 urinals was required in a basement!
- How to evacuate waste water from the basement to the upper sewage?

**Solution:**
- IDBI Bank opted for the NEW SaniCubic XL
- Its 120L tank and 40m³/h flow rate easily manage waste water evacuation
- The SaniCubic XL managed the vertical evacuation in a 80 mm pipe and up to the main sewage
- SaniCubic performances and quality allowed IDBI Bank to obtain on a long term solution
**Dow Corning laboratory – Mumbai:**

**Challenges:**
- The laboratory has no main sewage nearby!
- The laboratory needs to be equipped with 1 basin and condensates needed to be evacuated!
- How to reach the closest main sewage without the possibility of using gravity?

**Solution:**
- Dow Croning laboratory opted for a SaniSpeed
- Basin waste water and condensates were connected to the SaniSpeed
- The SaniSpeed managed the horizontal evacuation in a 32 mm pipe to the main sewage
Iosis SPA - Mumbai:

Challenges:
• A Beauty salon located in a basement!
• How to evacuate waste water from 1 WC + 1 washbasin + basins from the salon?

Solution:
• Iosis Spa opted for a The SaniCubic managed the vertical evacuation in a 50 mm pipe and up to the main sewage
• All waste water were connected to the SaniCubic
• The SaniCubic managed the vertical evacuation in a 50 mm pipe and up to the main sewage
Trivedi Study Abroad - Mumbai:

Challenges:
- An office/student staff bathroom (1 toilet, 1 washbasin) was required in a basement!
- How to evacuate waste water has bathroom was lower than sewage level?

Solution:
- Trivedi Consultants opted for a SaniBest Pro
- All bathroom wastes were connected to the SaniBest Pro
- The SaniBest Pro managed the vertical evacuation in a 32 mm pipe and up to the main sewage
**Dental Clinic - Mumbai:**

**Challenges:**
- The dental clinic is situated in a mall basement!
- How to evacuate waste water from dental chairs and washbasins?

**Solution:**
- Dental Clinic opted for a SaniSpeed
- All dental chairs and washbasins wastes were connected to the SaniSpeed
- The SaniSpeed managed the vertical evacuation in a 32 mm pipe and up to the main sewage
With SFA macerators and pumps, install any wet facility anywhere you want!
Any doubts?
More information?
Past experiences?
Coming jobs?
THANK YOU!

THE BEST CHOISE