

Clean System: sewage lifting box for difficult locations

Installing a WC, a shower, a washing machine or a sink in a place not specifically planned for it (e.g., below the level of the drainage system) is a challenge that crops up more and more frequently in all kinds of areas and houses, whether rural, second homes or even offices and shops. ESPA, the leading Spanish pumping systems manufacturer, has got the solution to this problem, offering numerous advantages in terms of efficiency, versatility, hygiene and aesthetics. It is called the CLEAN SYSTEM and is a compact device for grinding and evacuating faecal and grey water from domestic use.



Weighing just 8 kilos and barely half a metre long, the CLEAN SYSTEM is a solution that is as ingenious as it is practical and economic to run. By fitting it to the WC, sink, bidet, bathtub, shower or washing machine, and connecting it with narrow tubing to the general drainage system, CLEAN SYSTEM allows you to fit a bathroom quickly and easily anywhere that has complex or adverse drainage conditions. CLEAN SYSTEM grinds faecal, grey or sediment-laden water and lifts it up to the drainage system level, offering very considerable advantages to both installers and users.

Its **compact**, attractive and unobtrusive design means it adapts perfectly to any kind of setting. Its operation is **silent and odourless**. It is very **versatile**, being ideal for locations below the drainage system level or a very long distance away: garages, basements, stairwells, bedrooms, swimming pool changing rooms, garden summer houses, etc. It features an innovative recording system which means it can be maintained without having to dismantle the tubing, and without coming into contact with grey water, thus offering optimum **hygiene and easy handling**. Finally, it gives a very **powerful performance** as it incorporates a special ESPA 0.42 kW pump with the capacity to drive grey water up to 6 metres vertically and 65 metres horizontally.

That's why the CLEAN SYSTEM can be used in a multitude of locations, as diverse as village houses, second homes, rural hotels, restaurants, bars, gymnasiums, shops, offices, shopping centres, etc.

Technical characteristics

- Direct connection to the WC by DN 70 bellows valve and DN 110 stem as per standards EN 33 and EN 37.
- Diameter of grey water intakes: DN 40 or 32.
- Straight impeller tube for outlet DN 25 or 32. Directional.
- Non-return valve in the tank outlet tube and check valves in the grey water intakes.
- 6-litre tank.
- Automatic grinding pump with level sensor.
- Ventilation outlet with active carbon filter and overflow valve.
- Compliant with specific standard EN 12050-3.
- Protection class: IP 44.
- It can also be supplied with an optional acoustic alarm to warn of evacuation failure.