

Lifting Station Type ABS Sanimax

Complete wastewater pumping unit for installation at floor level and fitted with a submersible pump from the Robusta or MF ranges. Suitable for the removal of liquids containing solid particles up to 30 mm from wash-hand basins, domestic washing machines, or showers, from areas below the sewer level in accordance with EN 12050-2.



Features

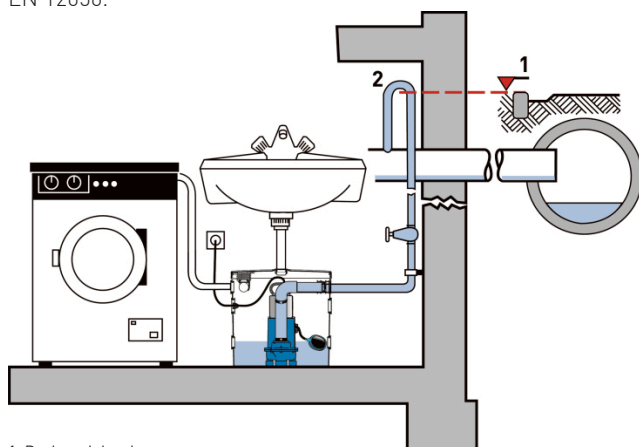
- Ready-for-use, plug-in unit with Schuko plug.
- Compact triangular design optimises space beneath a hand-wash basin.
- Can be fitted with Robusta 202 TS or MF 154 & 324 pumps, complete with non-return valve and level control. A separate check valve should be used at heads over 5 m.
- Solids handling up to 10 mm for Robusta, 20 mm for MF 154, and 30 mm for MF 324.
- Seven ports [5 x 40 mm, 2 x 50 mm], ready-prepared with seals, which can be used for inflow, discharge, power cable, or flexible hose connection to a washing machine (¾" adaptor supplied).
- Odour-tight lid with odour lock and venting, including charcoal odour filter and overflow protection.
- Alarm float switch available as accessory.
- Sanimax R 202C for aggressive liquids. It is the duty of the user to check the suitability of the materials for the particular application.

Materials

Description	Material
Tank	Polypropylene
Robusta 202 / 202C	
Pump Housing	Polypropylene
Motor Housing	Stainless steel 1.4301 / 1.4401
Rotor Shaft	Stainless steel 1.4057 / 1.4401
Impeller	Polyamide
Seal	Neoprene
MF 154 & 324	
Upper Lid	Stainless steel 1.4301
Motor Housing	Cast iron EN-GJL-250
Rotor Shaft	Stainless steel 1.4021
Impeller	Polyamide
Volute	Cast iron EN-GJL-250
Seal	Neoprene
Fasteners	Stainless steel 1.4401

Installation

Attention to the backwash level is of vital importance for effective dewatering. All outflow points located below the backwash level must be protected against back flow according to standard EN 12056.



1. Backwash level
2. Backwash loop with base above the backwash level.

Tank

Synthetic, corrosion-resistant, gas- and odour-tight tank, in accordance with EN 12050-2. Supplied as standard with pump, automatic level control and non-return valve. Maximum allowable temperature of medium 40 °C; short term to 60 °C (max. 5 minutes).

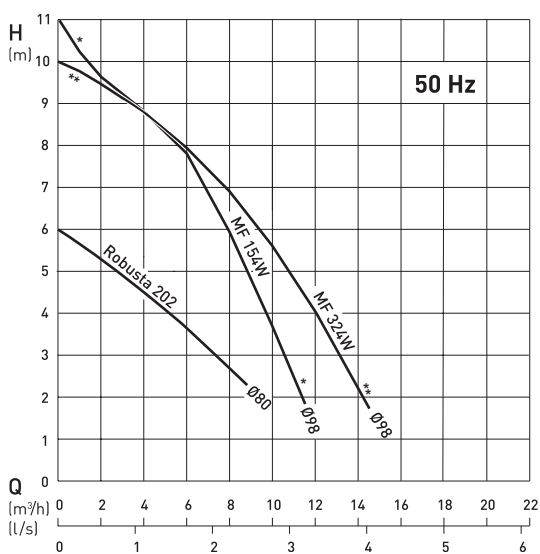
Capacity: 28 litres

Motor

Water pressure sealed, squirrel cage 2-pole induction motor, with double shaft seals and oil chamber [MF version]. Electronic monitoring of stator temperature and overcurrent. Insulation: Class B (130 °C) for Robusta; class F (155 °C) for MF.

Protection type: IP 68

Performance Curves



H = Total Head; Q = Discharge Volume
Curves to ISO 9906.

