Waste water lifting units

S-SWH-F 500/30

Waste water lifting unit for aggressive media

Features:

- polyethylene container with 135 litres capacity and up to 75 litres switching volume
- with submersible waste water pump(s) S-ZPK
- Control of single unit via float switch, dual unit via pneumatic comfort control ZPS.
- high-quality, silicon carbide mechanical seal, stainless steel motor housing (1.4404), stainless steelmotor shaft
- piping made of PVC with external non-return valves and pressure outlet 1 ¼“ FPT
- operation temperature 40°C (short-term 90°C)
- protection grade IP 57 - temporary submersible

Application:

- for pumping slightly acidic condensate, aggressive or saline media (max. 15% salt content)
- as a lifting system downstream of grease separators (according to DIN 4040-100 only in a version with 30 mm grain size)
- pumping of domestic waste water from washing machines, showers, washbasins etc.
- above-ground installation in frost-free rooms below the backflow level
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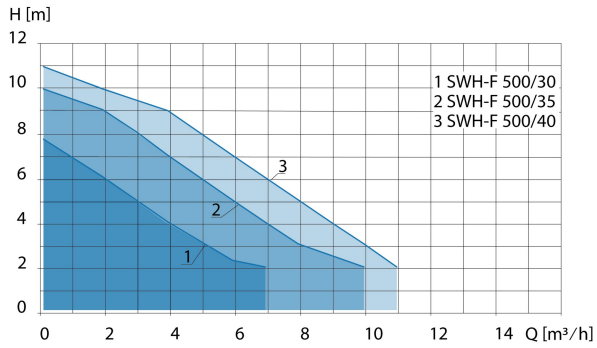
Scope of delivery:

- pre-assembled ready for connection with 3 m power cable and plug
- pressure outlet incl. non-return valve(s) and gate valve
- incl. float switch (single unit)
- pneumatic comfort controller ZPS (double unit)

Technical data:

Art.no.	U [V]	P_1 [W]	P_2 [W]	In [A]	n [min-1]	Qmax [m^3/h]	Hmax [m]	SH [mm]	PO	L [mm]	W [mm]	H [mm]	Weight [kg]
23713	230	300	130	1,3	2800	7,0	7,5	10	1 1/4" AG	550	550	625	21,5

Characteristics:



Materials:

Material impeller:	PA6 GV25
Seal motor:	Shaft seal NBR
Seal pump:	Mechanical seal Carbon/ceramic/viton
Material motor housing:	Stainless steel 1.4404
Material pump housing:	PP GF20
Material motor shaft:	Stainless steel 1.4462
Material container:	PE

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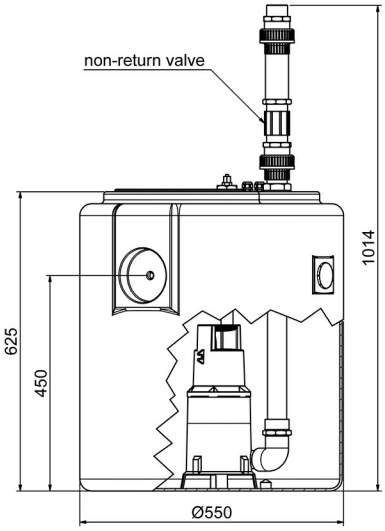
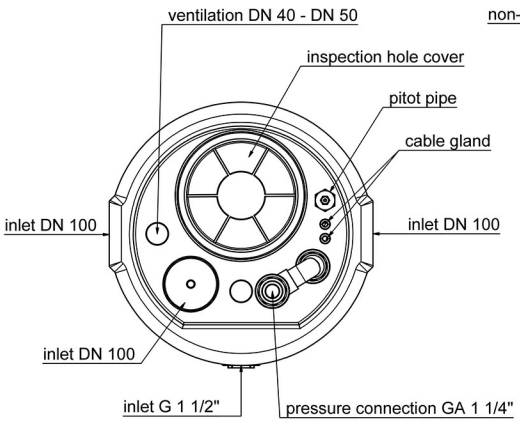
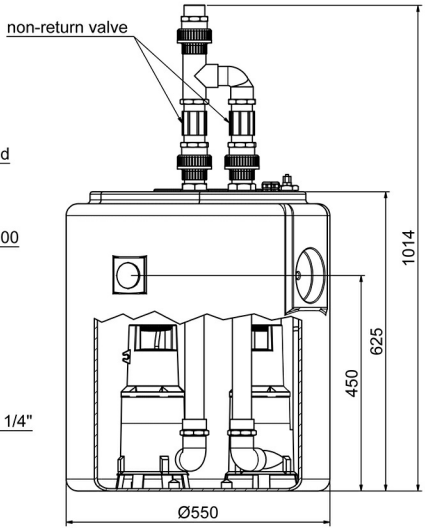
Dimensions:

single unit



duplex unit