



CabinetUnit SP

Stand-alone wastewater disposal
and water filling cabinet

Version A2

VOGELSANG



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The Vogelsang CabinetUnit SP is an integrated service station in cabinet design enabling hygienic vacuum disposal of the content of toilet waste water tanks as well as refilling of water reservoir tanks onboard train carriages.

Equipped with a pumping unit, the stand-alone version (SP), is designed as a stand-alone service module for the needs of small-scale train care service facilities.

The required hose kits, enabling toilet tank extraction or water tanking, are accommodated in separate compartments that are accessible from both adjacent track sides.

Time-controlled hygienic rinsing & automatic water-stop function as well as hygienic interlocking of water filling and effluent extraction are provided as standard features.

The automatic retraction device enables highly convenient, ergonomic hose handling while preventing wear due to trailing hoses.

Advantages

- Service station with integrated pumping unit for water toilet waste water disposal and water supply
- Modular & protective cabinet design
- Hygienic rinsing to prevent water stagnation
- Water-Stop (filling time limiter) for prevention of excessive water losses
- Outdoor design with heating elements

Options

- 1/2" Cleaning hose kit
- CET-Tank rinse water hose kit
- Air-gap backflow preventer for safe internal rinse water supply
- Light on top of cabinet
- Audible & visual signals or warning indicators
- Non-drip suction coupling
- Trace heating for water supply lines provided in the base
- Mounting frame for cast-in-place foundations or pre-fabricated one-piece foundation bases
- Residual water collection & draining upgrade kit eliminating the need for gravity drainage at the station
- Optional connection of an additional, remote satellite service station
- Combination socket for electric equipment



Standard specifications	
Version	A2
Cabinet construction	Aluminium profile frame with thermally insulated sandwich-type galv. steel wall panels, powder coating
Pumping unit Capacity up to Vacuum Differential pressure max.	VX100-128Q 4 kW 500 l/min 0 to -0.60 bar 2.0 bar
Working radius	5.5 m
Extraction hose kit	DN50, 3" suction coupler acc. UIC
Water hose kit	DN25 water hose, 1" stainless steel UIC type claw-coupler EasyConnect WS
Capacity	Approx. 160 l/min (flow pressure 3 bar)
Control	Iso-panel protection class II incl. control elements & indicators Voltage: 3-400 V 50 Hz Connected load: approx. 5.5 kW Cable grommet: max. Ø16 mm ²
Interlocking	Hygienic interlocking of water hose kit / suction hose kit, electr.
Hygienic rinsing	Time controlled, to avoid water stagnation
Auto-water-stop	Filling time limiter, adjustable
Heating elements	3 x 250 W Trace heating cable: 1 x 20 W
Main dimensions LxWxH approx.	2000 x 500 x 2600 mm
Weight approx.	950 kg
Ambient temperatures	-25 to +40 °C
Ambient conditions	Moderate