



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 wastewater tanks as well as refilling of water reservoir tanks on-board 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.

CabinetUnits are typically provided with a time-controlled hygienic rinsing and automatic water-stop function as well as hygienic interlocking of water filling and effluent extraction facilities..

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 wastewater 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

Options

- 1/2" Cleaning hose kit
- CET-Tank rinse water hose kit
- Air-gap backflow preventer for safe internal rinse water supply
- Cabinet top luminaire
- Non-drip suction coupling EasyConnect Plus WD
- Trace heating cable and compartment heaters as frost protection elements
- Trace heating for water supply lines provided in the mounting 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
- Socket combination for electric equipment



CabinetUnit Plus DS*	
Version	A2
Cabinet construction	Aluminium profile frame, thermally insulated galv. steel wall panels, surface powder coated
Pumping unit Capacity up to Vacuum Differential pressure:	VX100-128Q 4 kW 500 l/min 0 to -0.60 bar max. 2.0 bar
Working radius	6.5 m
Extraction hose kit	DN50 with coupler EasyConnect Basic WD acc. EN16922 Q _{WD} : 300 L/min
Water supply hose kit	DN25 with coupler EasyConnect Basic WS acc. EN16362 Q _{WS} : 100-150 L/min
Control	Iso-panel protection class II incl. control elements & indicators Voltage: 3-400 V 50 Hz Connected load: approx. 5.5 kW Cable grommet: Supply cable max. 16mm ² RM/SM Cu
Interlocking	Hygienic interlocking of water hose kit / suction hose kit, electr.
Hygienic rinsing	Time controlled
Auto-water-stop	Filling time limiter, adjustable
Heating elements	Compartment heaters: 3x 250W Trace heating cable: 1x 20W
Dimensions LxWxH	~2000 x 500 x 2600 mm
Weight approx.	700 kg
Ambient temperatures	-20 to +40 °C
Ambient conditions	Moderate, rel. air humidity max. 85%, atmosphere acc. to corrosion cat. C3 –EN ISO 12944-2

*Typical design, for information only. Exemplary specification includes optional extras