



SELF-SERVICE WASHING SYSTEMS FOR 2-8 WASHING BAYS, MODULAR VERSION FOR TECHNICAL OR PROVIDED ROOMS

CarWash CompactLine



The CompactLine modular system

The CompactLine series is based on a modular system. The basic module can supply two to a maximum of four self-service wash bays and the optional extension modules for two to four wash bays can easily be installed in addition. This means that up to four wash bays can be installed.

Technical equipment

The CompactLine basic module includes a double water softening system as standard, as well as an integrated R/O osmosis unit with a separate 1000l osmosis water storage tank. A MicroPowder dosing station with a 35l storage tank and 2x10l liquid dosing unit and an electrical control terminal are integral components. The integrated 7-inch TFT touchscreen monitor gives the investor access to all information on the important parameters of the self-service car wash system and provides detailed financial information on revenue and turnover. The CompactLine extension module also includes an additional MicroPowder dosing station with 35l storage tank and 2x10l liquid dosing unit. The CompactLine systems are equipped with four standard wash and care programmes as standard and are available up to system variant 10. The CompactLine series can be combined with any EHRLE hot water heating system. Optionally with an oil, gas or electric heating system or connected to an existing district heating energy source.

1 Water softening with brine tank

2 MicroPowder dosing tank

3 UltraProtection tank

4 SuperFinish tank

5 Revers Osmosis Plant

6 Main control cabinet

7 Heating module gas heated

8 Osmosis tank 1000l

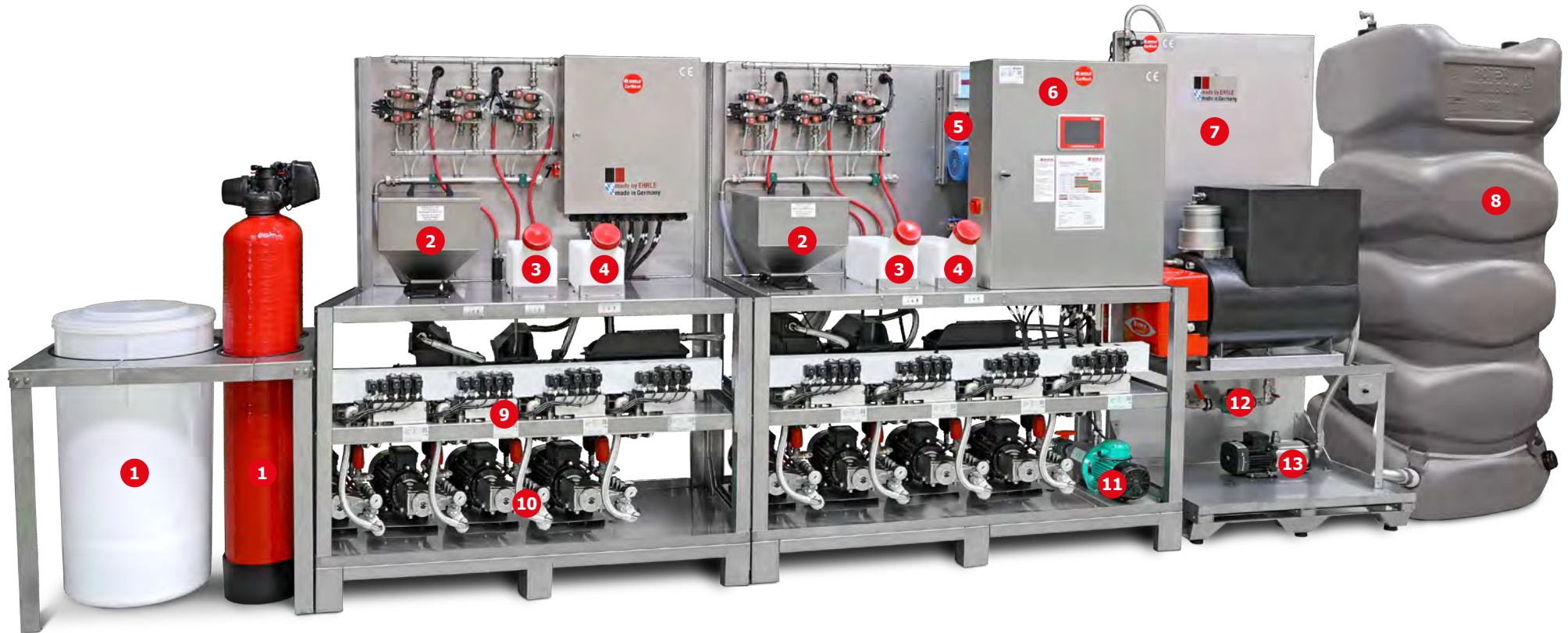
9 Magnetic valve

10 High Pressure Pump Motor

11 Osmosis pump

12 Floor heating system

13 Hot water booster pump





SELF-SERVICE WASHING SYSTEMS FOR 2-8 WASHING BAYS, MODULAR VERSION FOR TECHNICAL OR PROVIDED ROOMS

CarWash CompactLine



Type	2 wash bays basic modul	3 wash bays basic modul	4 wash bays basic modul + Extension	5 wash bays basic modul + Extension
Voltage	3/PE/AC/50Hz/400V	3/PE/AC/50Hz/400V	3/PE/AC/50Hz/400V	3/PE/AC/50Hz/400V
Operating pressure	2x130bar/13Mpa	3x130bar/13Mpa	4x130bar/13Mpa	5x130bar/13Mpa
Max. pressure	2x150bar/15Mpa	3x150bar/15Mpa	4x150bar/15Mpa	5x150bar/15Mpa
Discharge capacity	2x720l/h	3x720l/h	4x720l/h	5x720l/h
Nozzle size	60056	60056	60056	60056
Max. Inlet temperature	60°C	60°C	60°C	60°C
Supplied heat output	55kW	74kW	85kW	105kW
Pump speed	1400U/min	1400U/min	1400U/min	1400U/min
Water softening capacity	2x120m³	2x120m³	2x120m³	2x200m³
Permeate output reverse osmosis	7.200l/da at 12°C water temp.	7.200l/da at 12°C water temp.	7.200l/da at 12°C water temp.	7.200l/da at 12°C water temp.
Contents MicroPowder dispenser tank	1x35l	1x35l	2x35l	2x35l
Contents UltraProtection tank	1x10l	1x10l	2x10l	2x10l
Contents SuperFinish tank	1x10l	1x10l	2x10l	2x10l
Connected load	11,6kW	15,6kW	19,6kW	23,6kW
Electrical protection	3x25A	3x32A	3x50A	3x50A
Weight net	390kg	420kg	450kg/ 390kg + 350 kg (2+2)	420kg + 350kg
Dimensions device (LxWxH)	1775x740x1900mm	1775x740x1900mm	Basic modul: 1775x740x1900mm Extension: 1275x740x1900mm	Basic modul: 1775x740x1900mm Extension: 1275x740x1900mm

Heating module or other module components may differ from the illustration.



SELF-SERVICE WASHING SYSTEMS FOR 2-8 WASHING BAYS, MODULAR VERSION FOR TECHNICAL OR PROVIDED ROOMS

CarWash CompactLine



Type	6 wash bays basic modul + Extension	7 wash bays basic modul + Extension	8 wash bays basic modul + Extension
Voltage	3/PE/AC/50Hz/400V	3/PE/AC/50Hz/400V	3/PE/AC/50Hz/400V
Operating pressure	6x130bar/13Mpa	7x130bar/13Mpa	8x130bar/13Mpa
Max. pressure	6x150bar/15Mpa	7x150bar/15Mpa	8x150bar/15Mpa
Discharge capacity	6x720l/h	7x720l/h	8x720l/h
Nozzle size	60056	60056	60056
Max. Inlet temperature	60°C	60°C	60°C
Supplied heat output	105kW	140kW	140kW
Pump speed	1400U/min	1400U/min	1400U/min
Water softening capacity	2x300m ³	2x300m ³	2x400m ³
Permeate output reverse osmosis	7.200l/da at 12°C water temp.	7.200l/da at 12°C water temp.	7.200l/da at 12°C water temp.
Contents MicroPowder dispenser tank	2x35l	2x35l	2x35l
Contents UltraProtection tank	2x10l	2x10l	2x10l
Contents SuperFinish tank	2x10l	2x10l	2x10l
Connected load	27,6kW	31,6kW	35,6kW
Electrical protection	3x63A	3x80A	3x80A
Weight net	450kg + 350kg (2+4)/ 420kg + 350 (3+3)	450kg + 380kg	450kg + 420kg
Dimensions device (LxWxH)	Basic modul: 1775x740x1900mm Extension: 1275x740x1900mm	Basic modul: 1775x740x1900mm Extension: 1275x740x1900mm	Basic modul: 1775x740x1900mm Extension: 1775x740x1900mm

Heating module or other module components may differ from the illustration.



SELF-SERVICE WASHING SYSTEMS FOR 1-12 WASHING BAYS,
MODULAR VERSION FOR TECHNICAL OR PROVIDED ROOMS

CarWash ModulLine



The ModulLine modular system

The ModulLine series is based on a modular arrangement of the individual technology units. All ModulLine modules are supplied centrally via separate media lines, such as fresh water, soft hot water, osmosis water or antifreeze water. Each ModulLine unit is controlled by an independent PLC. The ModulLine technology modules are installed on a stainless steel frame in a clear and service-friendly manner. With the ModulLine appliance series, self-service washing systems with up to 12 washing stations can be installed easily and economically.

Technical equipment

A MicroPowder dosing station with a 25l storage container and 2x10l liquid dosing unit are an integral part, as is an electrical control terminal. The ModulLine systems are equipped with four standard wash and care programmes as standard and are available up to system variant 10. (Further details can be found on pages 46 to 49). The SIEMENS PLC control system is housed in a separate control cabinet. The integrated 7-inch or 12-inch (at an extra charge) TFT touchscreen monitor gives the investor access to all information on the important parameters of the self-service car wash system and provides detailed financial information on income and turnover. The device modules can be combined with all EHRLE hot water heating systems and can be connected to all EHRLE payment systems as well as CentralPay technology.



Type	System-Variant SV1-SV2-SV3SE	System-Variant SV4-SV5-SV6-SV7-8SE	System-Variant SV9-SV10
Voltage	3/PE/AC/50Hz/400V	3/PE/AC/50Hz/400V	3/PE/AC/50Hz/400V
Operating pressure	120bar/12Mpa	120bar/12Mpa	120bar/12Mpa
Max. pressure	140bar/14Mpa	140bar/14Mpa	140bar/14Mpa
Discharge capacity	660l/h	660l/h	660l/h
Nozzle size	60056	60056	60056
Max. Inlet temperature	60°C	60°C	60°C
Supplied heat output	50kW	50kW	50kW
Pump speed	900U/min	900U/min	900U/min
Contents MicroPowder dispenser tank	1x25l	1x25l	1x25l
Contents UltraProtection tank	1x10l	1x10l	1x10l
Contents SuperFinish tank	1x10l	1x10l	1x10l
Connected load	3,2kW	3,4kW	3,6kW
Electrical protection	3x16A	3x16A	3x16A
Weight net	190kg	200kg	200kg
Dimensions device (LxWxH)	600x740x2160mm	600x740x2160mm	600x740x2160mm





ALL EHRLE TECHNOLOGY FULLY INSTALLED AND DELIVERED

Technology Container

The EHRLE technology container is positioned at a central or suitable location for the EHRLE self-service CarWash system and connected to the power and water supply. The entire CarWash technology such as water treatment, heating, pump units and currency exchange systems are already installed (according to customer requirements).

1 Stainless steel sandwich technology Container with thermal insulation

- Stainless steel frame
- 60mm thermal insulation
- Weight 1,800kg
- K-value 0.37 W/m²K
- Security door ALU WK2
- Wall thickness 60mm sandwich panel, hot-dip galvanised + plastic-coated
- Dimensions (LxWxH) 670x244x280cm



2 Stainless steel sandwich technology Containers with thermal insulation in special sizes

- Stainless steel frame
- 60mm thermal insulation
- Weight 2,600kg
- K-value 0.37 W/m²K
- Security door ALU WK2
- Wall thickness 60mm sandwich panel, hot-dip galvanised + plastic-coated
- Dimensions in all special sizes for the replacement and refurbishment of existing systems



3 Precast concrete Technology container

- Manufactured monolithically
- Weight 27,130kg
- K-value 5.7 W/m²K
- Security door ALU WK2
- Wall thickness 100mm
- Dimensions (LxWxH) 650x300x311cm



Ehrle CarWash Technik containers are insurable against burglary/theft.

Thanks to the use of high-quality aluminium system profile security doors with cylinder cylinder 3-bolt system.