





Product Features

- particularly suitable for buildings with special hygiene requirements
- to avoid stangnation acc. to standards and guidelines
- allows water exchange with turbulent flow in drinking water pipes up to DN 50
- double port (water exchange groups) for connection of e.g. PWC and PWH
- wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics
- for installation in all installation situations (flush or surface mounted)
- for installation in dry- or prewall installation systems
- compact installation dimensions
- fast assembly using a drilling template
- mounting frame (incl. depth adjustment) and fastening parts
- reversible cover with magnetic push-to-open function and safety catch
- large service opening
- · male union thread
- with isolating function for maintenance
- Solenoid valve with integrated fine screen
- Flow and temperature sensor (Pt1000) to record flushing volumes
- Flow = 10l/min (5l/min or 15l/min with optional accessories
- factory-installed flushing set for commissioning
- tool-free maintenance of all functional components
- integrated overflow monitoring
- integrated anti-siphon trap (> 45 l/min) with removable cap
- Free drain in accordance with DIN EN 1717
- Water trap height 50mm in accordance with DIN 1986-100
- nominal width of drainpipe (DN 40 and DN 50)
- · PRO control unit
- operation via WLAN (can be switched off) using the latest Access Point Technology
- seven timers for customised flushing strategy
- Interval, time and volume based flushing
- Temperature and use based flushing (only possible with additional temperature sensor Pt1000)
- digital commissioning and maintenance assistant
- analysis and log readout via WLAN and USB
- visualised flushing history
- connection to KHS Mini Control-System possible
- up to 100,000 event entries to verify use as intended
- networking of up to 30 Hygiene Flush Boxes possible
- potential-free fault-message contact
- \bullet incorporation into BMS (BACnet & Modbus) via KEMPER Hygiene System KHS
- BMS interface via digital i/o
- automatic detection and checking of all functional components
- average-temperature recording with optional accessory (KHS temperature sensor Pt1000)
- buzzer for fault messages (with three volume levels)
- · LED status display
- without exception, external connections are always fixed connections in the housing (no external connection boxes necessary)
- controller pre-installed in housing (cable length: 5m)
- maintenance and commissioning of the system on request

Standards and Approvals

- DVGW approval
- SVGW approval
- · WRAS approval
- KIWA approval
- BELGAQUA approval
- according to accepted materials list from German environmental agency
- soundproofing certification according to DIN EN ISO 3822 Class 1 (up to 30 I/min)



Technical data

- pressure rating PN 10
- max. operating temperature 70 °C
- protection class IP44
- power supply 230 V AC
- electrical power input 4.5 W
- power consumption in standby 3.9 W

Part no.	DN	ΙΔ1 Ι					_		_				L4 (mm)	T1 (mm)
6890300800	15	G 3/4	40	50	400	480	297	21.8	40	400	398	219	330	97

Part no.				minimum flow pressure (MPa)	nominal connection diameter, waste water (mm)		
6890300800	38.25	19.7	0.7	0.1	40 / 50	8.54	

Accessories

- KHS temperature sensor Pt 1000, figure 628 0G
- KHS Mini Control System MASTER 2.1, figure 686 02 008
- Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019
- Reversible cover against unauthorised access for KHS Hygiene Flush Box PRO/PURE/LITE, figure 689 04 026

Spare parts

- Control unit PRO for KHS Hygiene Flush Box, figure 689 04 012
- Solenoid valve for KHS Hygiene Flush Box, figure 689 04 016
- float switch for KHS Hygiene Flush Box, figure 689 04 017
- mounting frame and cover for KHS Hygiene Flush Box, figure 689 04 018
- \bullet flow sensor for KHS Hygiene Flush Box PRO, figure 689 04 020
- water exchange group PRO for KHS Hygiene Flush Box, figure 689 04 023
- plug and nozzle for solenoid valve of KHS Hygiene Flush Box, figure 689 04 025