



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
- Single port (water exchange group) for cold drinking water (PWC)
- 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
- networking of up to 60 Hygiene Flush Boxes possible
- up to 100,000 event entries to verify use as intended
- potential-free fault-message contact
- 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)
- expandable by a second water exchange group e.g. for warm drinking water (PWH)
- maintenance and commissioning of the system on request

Standards and Approvals

- DVGW approval
- SVGW approval
- WRAS approval
- KIWA approval
- BELGAQUA approval
- according to UBA BWGL Metals
- soundproofing certification according to DIN EN ISO 3822 Class 1 (up to 30 l/min)

© Copyright by Gebr. Kemper GmbH + Co. KG / Harkortstraße 5 / D-57462 Olpe

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	A1	D1 (mm)	D2 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H5 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	T1 (mm)	T2 (mm)	T3 (mm)	max. flow pressure (MPa)
6890300700	15	G 3/4	40	50	400	480	297	21.8	40	400	398	109.5	330	97	38.25	19.7	0.7

Part no.	minimum flow pressure (MPa)	nominal connection diameter, waste water (mm)	Weight (kg)
6890300700	0.1	40 / 50	8.00

Accessories

- Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019
- KHS temperature sensor Pt 1000, figure 628 0G
- Reversible cover against unauthorised access for KHS Hygiene Flush Box PRO/PURE/LITE, figure 689 04 026
- Surface-mounted frame cover for KHS Hygiene Flush Box PRO/PURE/LITE, made of white-painted steel, figure 689 04 028
- Surface-mounted frame cover for KHS Hygiene Flush Box PRO/PURE/LITE, made of stainless steel, figure 689 04 029

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
- 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

© Copyright by Gebr. Kemper GmbH + Co. KG / Harkortstraße 5 / D-57462 Olpe