



Product Features

- particularly suitable for safety-sensitive buildings
- 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)
- LITE control unit
- no integrated controller logic (control via direct connection of all components to BMS (24 V/4-20 mA)
- Interval, time and volume based flushing measures possible (depending on external flushing logic)
- Temperature based flushing possible (depending on external flushing logic) (only possible with additional temperature sensor)
- expandable by a second water exchange group e.g. for warm drinking water (PWH)

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)

Technical data

- pressure rating PN 10
- max. operating temperature 70 °C
- protection class IP44
- power supply 24 V DC

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)
6890300900	15	G 3/4	40	50	400	480	297	21.8	40	400	398	109.5	330	97	38.25	19.7	0.7

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Part no.	minimum flow pressure (MPa)	nominal connection diameter, waste water (mm)	Weight (kg)
6890300900	0.1	40 / 50	8.00

Accessories

- 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
- 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 LITE for KHS Hygiene Flush Box, figure 689 04 013
- 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 LITE, figure 689 04 021
- water exchange group LITE for KHS Hygiene Flush Box, figure 689 04 024
- plug and nozzle for solenoid valve of KHS Hygiene Flush Box, figure 689 04 025

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