

Figure 640 50 KHS Floor Box, incl. flow distributor as surface mounted underfloor

Technical properties

Fluid-contacting parts made completely of gunmetal
 For forced flows and continual water exchange in the sanitary block area
 With Venturi nozzle engineering
 Minimal pressure differences
 Soundproofing tested in accordance with DIN EN ISO 3822, Class 1
 Pressure stage PN 16
 Stagnant-zone-free
 Insulating shell building material class B1 compliant with DIN 4102



640 50 KHS Floor Box

Product description / Tender text

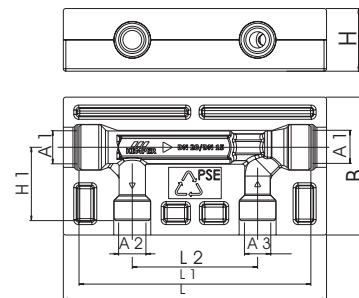
KEMPER KHS Floor box, as surface mounted or underfloor mounting set, for controlled forced-flow of ring lines to secure the water exchange up to the tapping point, for cold drinking water systems, for installation under the floor structure, concealed or exposed, comprising KHS flow distributor – static-, based on Venturi nozzle technology, made completely of gunmetal compliant with DIN 50930-6, noise control tested acc DIN EN ISO 3822 (Valve Class I acc DIN 4109), stagnant-zone-free, PN 16, integrated in an insulating shell, material Neopor®, thermal conductivity 0.033 W/mK Building Material Class B1 acc DIN 4102,

KHS flow distributor **DN 15**: with FT connections acc DIN 10226, flow Rp 1/2, supply and return line Rp 1/2
 KHS flow distributor **DN 20**: with FT connections acc DIN 10226, flow Rp 3/4, supply and return line Rp 1/2

Dimensions

Nominal width	DN	15	20
Length (L)	mm	210	210
Width (B)	mm	110	110
Height (H)	mm	40	50
Connection dimension (A1)		Rp 1/2	Rp 3/4
Connection dimension (A2)		Rp 1/2	Rp 1/2
Connection dimension (A3)		Rp 1/2	Rp 1/2
Length (L1)	mm	185	185
Length (L2)	mm	100	100
Overall height (H1)	mm	48,5	58,5

- For more information please see reverse side



Materials

Flow distributor	Gunmetal
Insulating shell	Neopor

**Figure 640 50 KHS Floor Box, incl. flow distributor
as surface mounted underfloor**

Technical information

Scope of application

- The KHS Venturi Distributor Unit provides a facility for controlled forced flow in cold drinking water systems by using tailor-made and innovative pipeline network structuring.
- Together with the automatic KHS flushing equipment, a continuous drinking water exchange is produced to implement drinking water system operation in accordance with the requirements.
- Every time water is withdrawn, which takes place in the flow path behind the KHS Venturi Distributor Unit, the water is also moved in the upstream ring lines, producing a continuous exchange.
- That means permanent stagnation prevention.
- Make sure the CDW line is laid out as a ring line and that all CDW consumers are looped (avoid T-installations).
- It is recommended to calculate the hydraulic conditions in the DW system, e.g. with the Dendrit software