

Spigots

Type HKKA



For filter unit systems with horizontal air entry and discharge

Spigot for assembling filter unit systems in ductwork

- Spigots made of sheet steel with decontaminable powder coating RAL 9010
- Air deflection plate in the air outlet spigot ensure a uniform airflow through the system, reduce the total differential pressure, and lower energy costs
- For filter unit systems of up to 6 filter casings in a row
- Leakage test for the entire filter unit system

Optional equipment and accessories

- Stainless steel construction



Filter unit system
with HKK.../-PM and
spigot HKKA

Type

HKKA

General information
Dimensions and weight
Dimensions
Specification text

Basic information and nomenclature

Description



Spigot,
type HKKA

Application

- Spigot type HKKA for assembling a filter unit system with ducted particulate filters
- type HKK for critical requirements

Construction

- M: Casing without prefilter
- PM: Casing with prefilter
- SPC: Steel, powder-coated RAL 9010, pure white
- STA: Stainless steel
- Number of casings: 1 – 6
- MD: Casing with service board
- TLBR: Air entry at top left, air outlet at bottom right
- TRBL: Air entry at top right, air outlet at bottom left
- TRBR: Air entry at top right, air outlet at bottom right
- TLBL: Air entry at top left, air outlet at bottom left
- SPM: Casing and spigot factory assembled
- SPP: Casing and spigot separate

Nominal sizes [mm]

- B × H × T

Useful additions

- Suitable filter elements to be ordered separately
- Mini Pleat filter panels (KOB)
- Mini Pleat filter cells (CMOB)
- Activated carbon filter cells (ACF)
- Other filter elements upon request
- Ducted particulate filter (HKK)

Construction features

- Spigot with support legs, for horizontal air entry or air outlet, available for systems with up to six filters units in a row
- Air deflection plate in the air outlet spigot ensure a uniform airflow through the system, reduce the total differential pressure, and lower energy costs
- For filter unit systems consisting of four or more filter units in a row, the unit systems are divided into smaller packages for transport reasons

Materials and surfaces

- Spigot made of either sheet steel, powder-coated RAL 9010, pure white, or of stainless steel

Maintenance

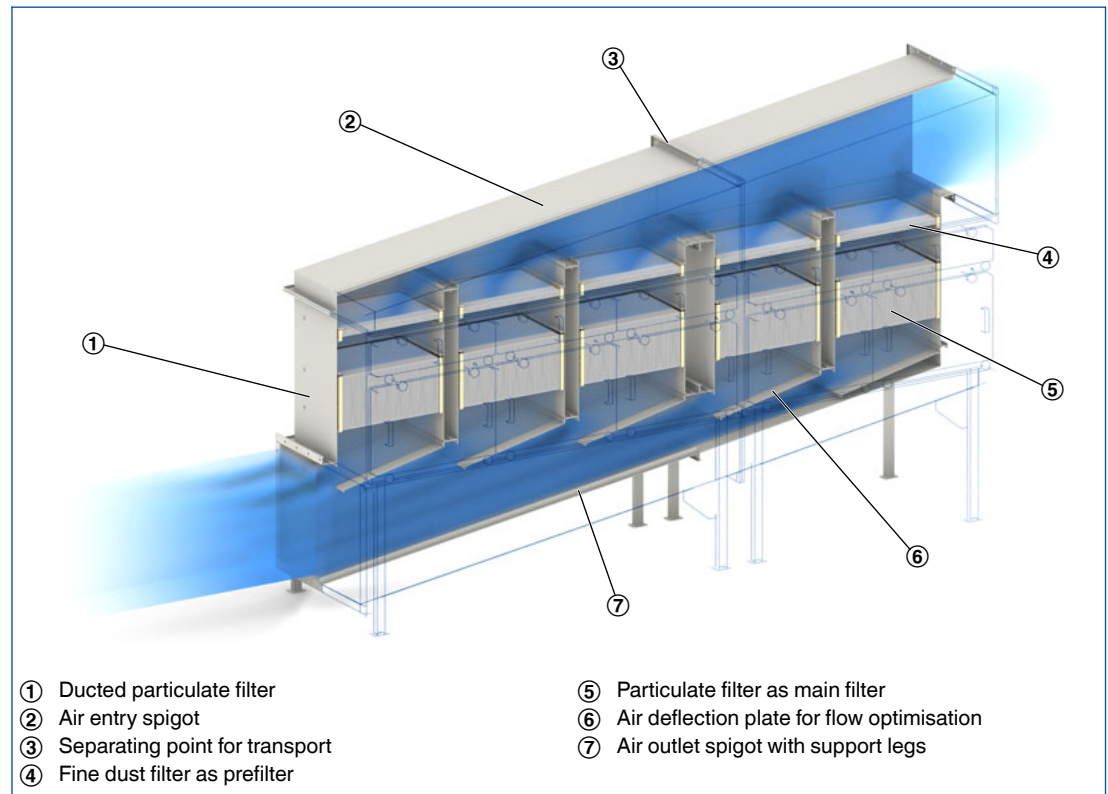
- Maintenance-free as construction and materials are not subject to wear

Function

Spigot type HKKA with support legs, for horizontal air entry and air outlet. Up to six ducted particulate filters can be arranged in a row to create a filter unit system. The air outlet spigot is fitted with Air deflection plate that ensure a uniform airflow through the system.

For filter unit systems consisting of four or more filter units in a row, the unit systems are divided into smaller packages for transport reasons.

Schematic illustration of HKKA



Spigot arrangement HKKA

TLBR:

Air entry at top left, air outlet at bottom right

TRBL:

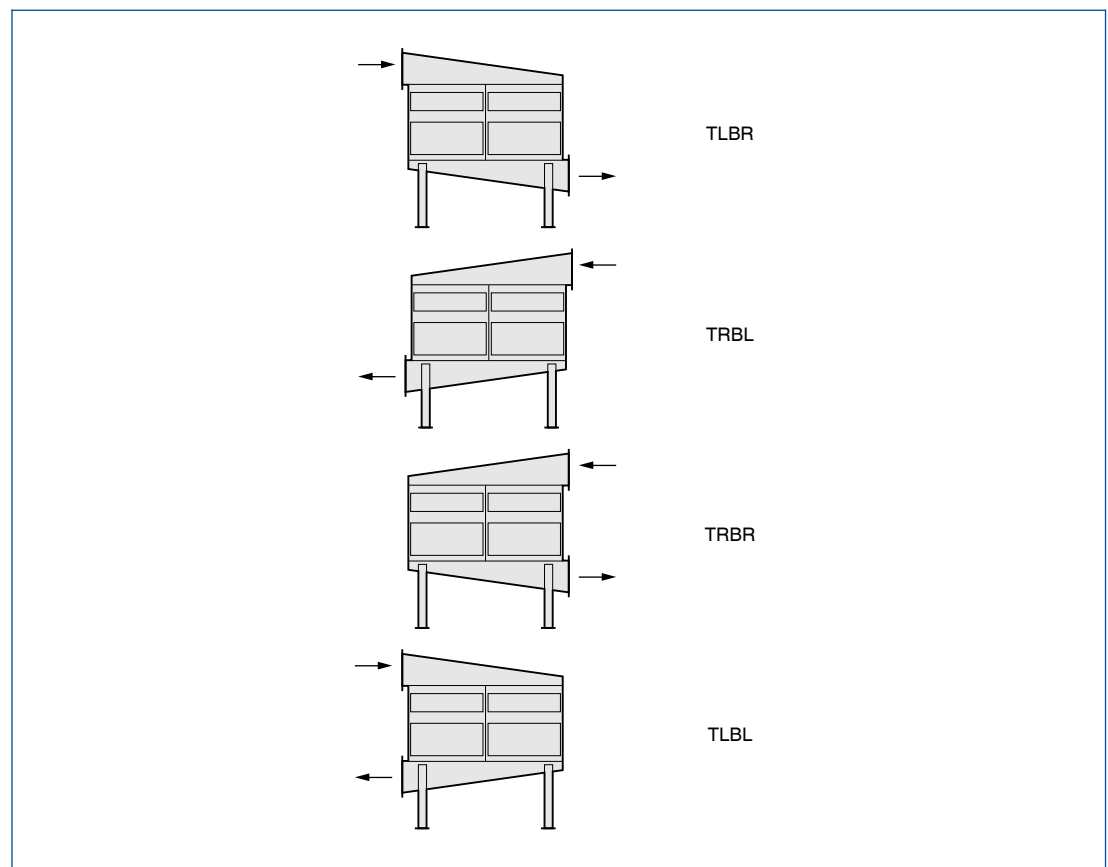
Air entry at top right, air outlet at bottom left

TRBR:

Air entry at top right, air outlet at bottom right

TLBL:

Air entry at top left, air outlet at bottom left



Description



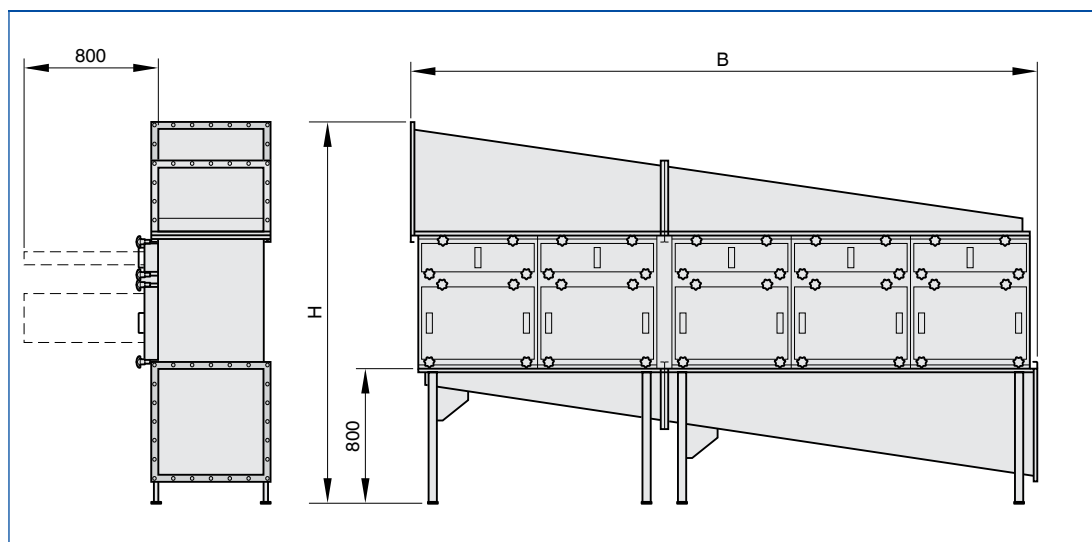
Spigot,
type HKKA

Dimensions

Application

- Spigot type HKKA for assembling a filter unit system with ducted particulate filters type HKK for critical requirements

Dimensional drawing of HKKA



Standard construction

All weights are net,
without packaging.

The total height of the
filter unit system depends
on the height of the
selected ducted
particulate filters
type HKK.

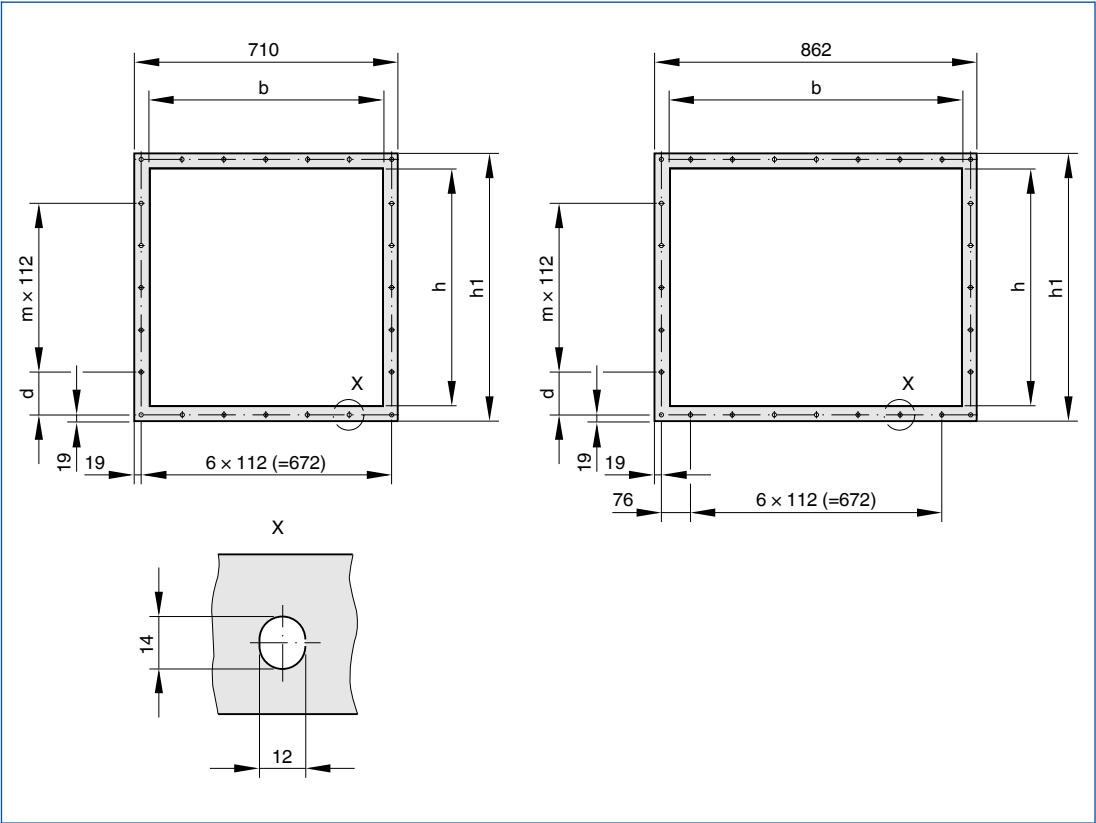
Dimensions [mm] and weight [kg]

Number of casings	Casing depth T	Total width B	Total height in combination with				Weight
	HKK	HKKA	HKK-M		HKK-PM		
			H = 411	H = 553	H = 652	H = 794	
	mm						
1	710	800	1456	1598	1697	1839	45
2	710	1510	1571	1713	1812	1954	60
3	710	2220	1656	1798	1897	2039	80
4	710	3020	1756	1898	1997	2139	120
5	710	3730	1886	2028	2127	2269	145
6	710	4440	1966	2108	2207	2349	180

Dimensions [mm] and weight [kg]

Number of casings	Casing depth T	Total width B	Total height in combination with		Weight
	HKK	HKKA	HKK-M	HKK-PM	
			H = 553	H = 794	
	mm				
1	862	800	1598	1839	50
2	862	1510	1713	1954	65
3	862	2220	1798	2039	85
4	862	3020	1898	2139	125
5	862	3730	2028	2269	155
6	862	4440	2108	2349	190

HKKA flange dimensions



Flange dimensions

Number of casings	Casing depth T	b	h	h1	m × 112	d
	HKK					
	mm					mm
1	710	625	200	285	1 x 112	67.5
2	710	625	315	400	2 x 112	69.0
3	710	625	400	485	3 x 112	115.5
4	710	625	500	585	4 x 112	105.5
5	710	625	630	715	5 x 112	114.5
6	710	625	710	795	6 x 112	98.5

Flange dimensions

Number of casings	Casing depth T	b	h	h1	m × 112	d
	HKK					
	mm					mm
1	862	777	200	285	1 × 112	67.5
2	862	777	315	400	2 × 112	69.0
3	862	777	400	485	3 × 112	115.5
4	862	777	500	585	4 × 112	105.5
5	862	777	630	715	5 × 112	114.5
6	862	777	710	795	6 × 112	98.5

Standard text

This specification text describes the general properties of the product. Texts for other variants can be generated with our Easy Product Finder design programme.

Spigots type HKKA for assembling a filter unit system with ducted particulate filters type HKK for critical requirements

Filter unit system consisting of a ducted particulate filter type HKK with support legs, for horizontal air entry and air outlet.

Spigot available for systems of up to six filter units in a row, factory assembled

The arrangement of the spigots can be selected. The discharge spigot is fitted with Air deflection plate that ensure a uniform airflow through the system and reduce the total differential pressure. Leakage test for the entire filter unit system.

Materials and surfaces

- Spigot made of either sheet steel, powder-coated RAL 9010, pure white, or of stainless steel

Construction

- M: Casing without prefilter
- PM: Casing with prefilter
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