



Description:

The VQA low velocity terminal unit is designed for individual flow adjustment and is suitable for applications with highest aesthetic requirements. VQA is available to suit many different installations including, but not exclusively flat, round, half-round, quarter-round, hexagonal, etc. and additionally, special shapes are possible on request.

The perforated front panel with slot holes is invisibly welded to the plenum chamber with round equalizing nozzles inside (spigot connections either rectangular or round). Quick removal for flow adjustment or cleaning purposes is possible, with all screws and fastenings hidden.

Function:

The newly developed adjustable round housings with integrated nozzles behind the front plate ensure ideal flow characteristics. The adjustable housing can be used to influence the direction of flow over a range of 360 degrees, with the nozzles for further fine-tuning of the flow direction, ensuring uniform multidirectional distribution across the active area.

The low average exit velocities in conjunction with lower temperatures make the air less buoyant due to density differences and evenly spread in all directions, forming a displacement flow. At heat sources the air rises due to convection, up into the ceiling space. For difficult and tight installations the air stream can be widened.

Material:

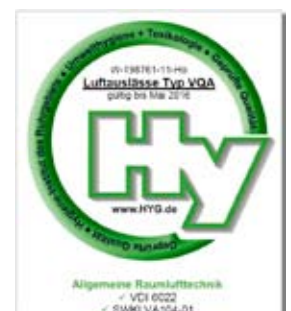
Steel, galvanized, powder-coated in white (RAL 9010)

Accessories/options:

- powder coating in other RAL colours to choice
- floor socket - **FS**
- wall mounting frame - **BR**
- channel lining - **KV**
- wall fixing - **WH**

Certifications:

- VDI 6022
- SWKI VA104-01





VQA

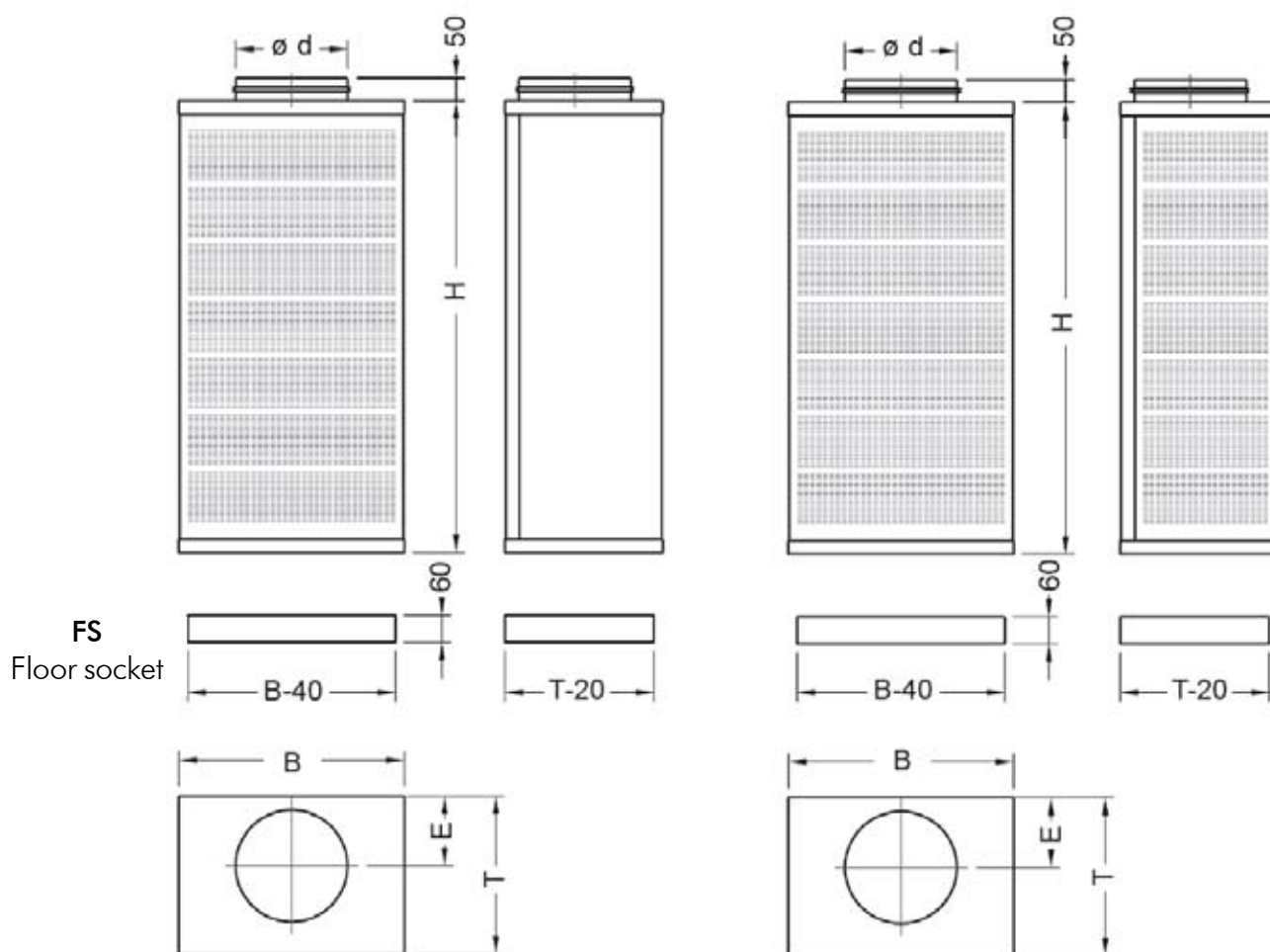
Innovative low velocity system



VQA-RF: Rectangular low velocity terminal for free-standing position in front of the wall, choice between 1 side (VQA-RF-1) or 3 sides (VQA-RF-3) discharge.

VQA-RF-1
single-sided

VQA-RF-3
three sides



Size:

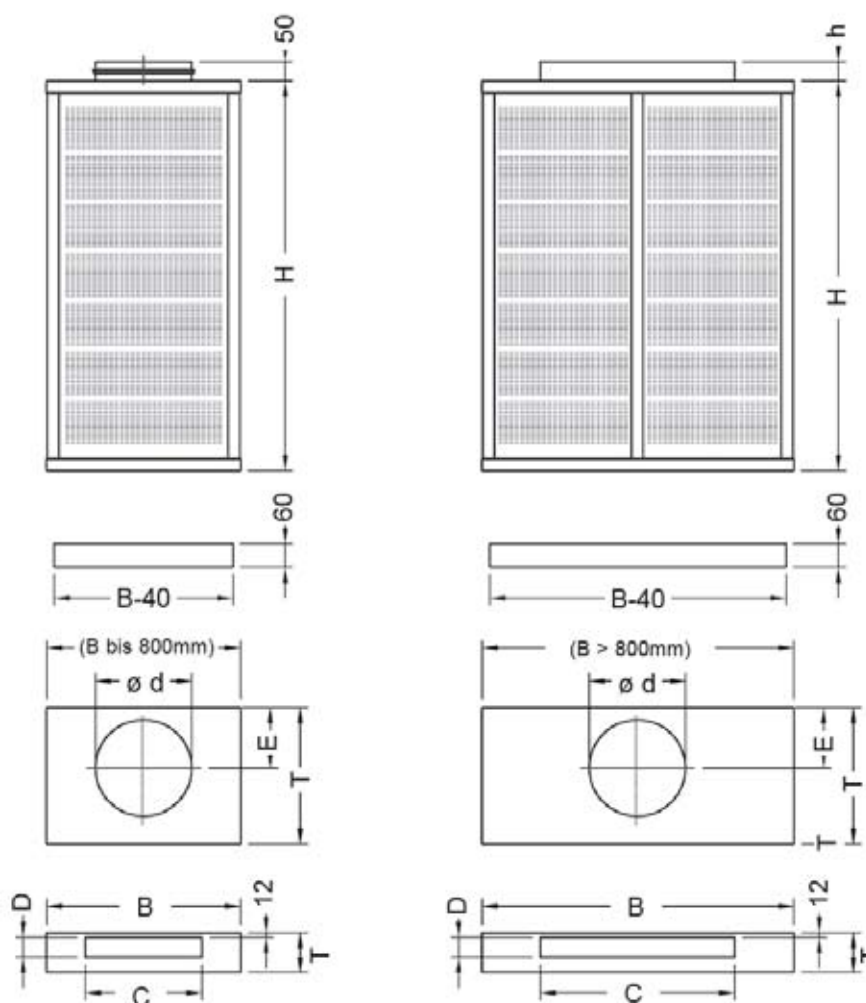
	B [mm]	H [mm]	T [mm]	Ø d [mm]	E [mm]
125	350	600	200	123	93
160	350	600	250	158	110
200	400	800	300	198	130
250	500	1000	350	248	155
315	600	1250	400	313	188
400	750	1500	500	398	230
500	1000	1750	600	498	280
630	1250	2000	750	628	345



VQA-RE: Rectangular low velocity terminal for arrangement on the floor, in the wall and in the ceiling.

VQA-RE

FS
Floor socket



Size:	B [mm]	H [mm]	T [mm]	Ø d [mm]	E [mm]	CxD [mm]	h [mm]
125	350	600	200	123	93	/	/
160	350	600	250	158	110	/	/
200	400	800	300	198	130	/	/
250	500	1000	350	248	155	/	/
315	600	1250	400	313	188	/	/
5010	900	900	150	/	/	500x100	50
6020	1200	1500	250	/	/	600x200	50
8025	1500	2000	300	/	/	800x250	50



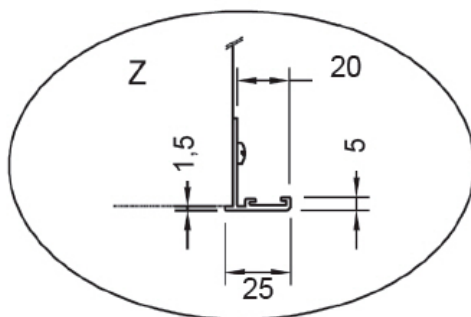
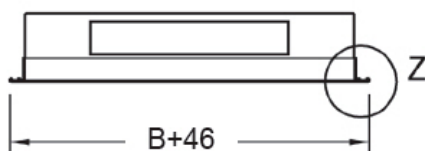
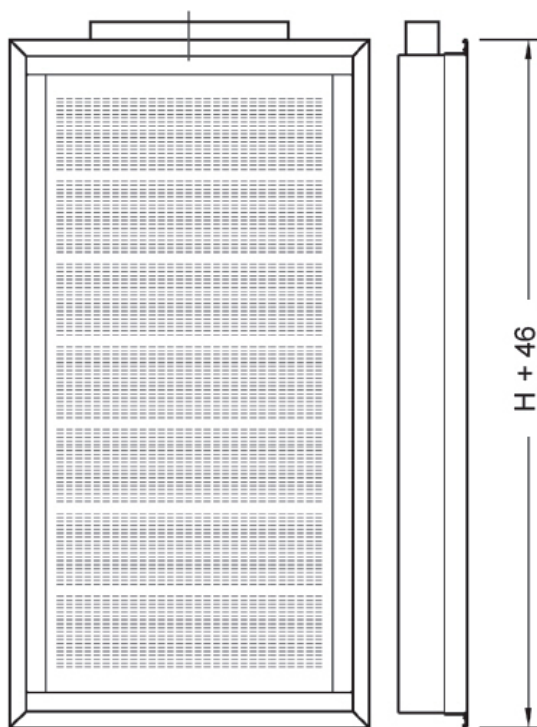
VQA

Innovative low velocity system



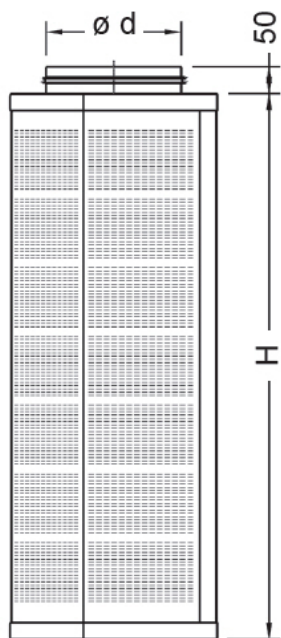
VQA-RE: Accessories - wall mounting frame (BR)

VQA-RE-BR
surrounding frame
-optional-

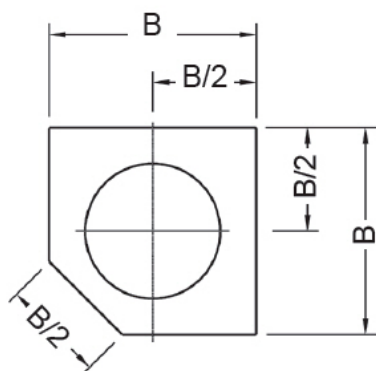
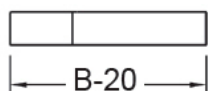




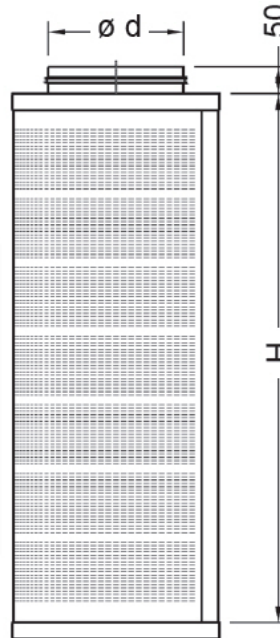
VQA-VH
quarter hexagonal



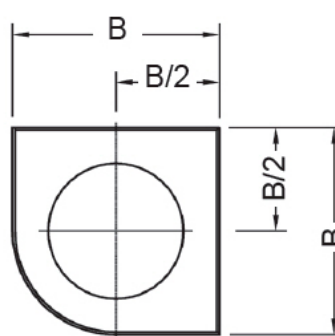
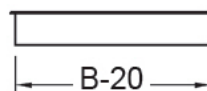
FS
Floor socket



VQA-VR
quarter round



FS
Floor socket



Size:

B
[mm]

H
[mm]

̸ d
[mm]

125	255	600	123
160	290	600	158
200	330	800	198
250	380	1000	248
315	445	1250	313
400	530	1500	398
500	630	1750	498
630	760	2000	628



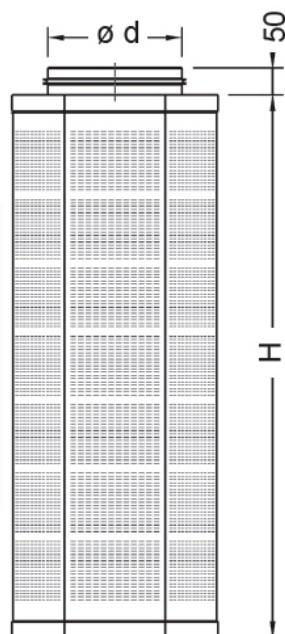
VQA

Innovative low velocity system

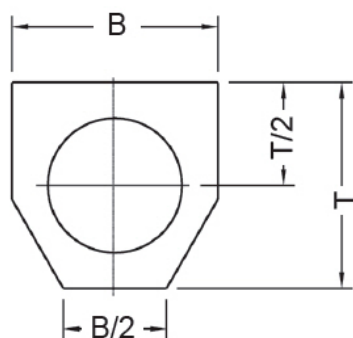
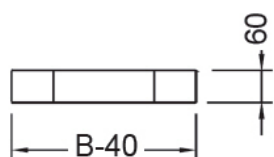


VQA-HH

semi-hexagonal

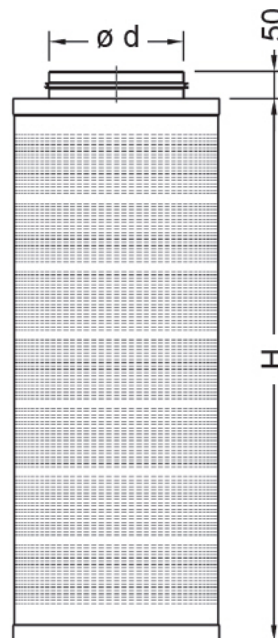


FS
Floor socket

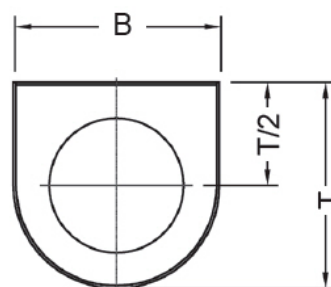
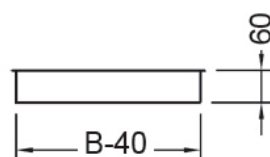


VQA-HR

semicircular



FS
Floor socket

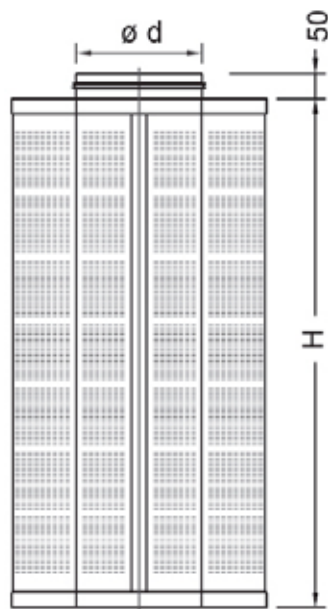


Size:

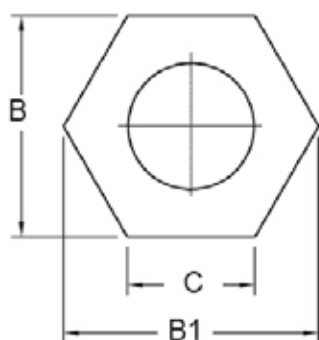
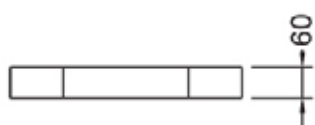
	B [mm]	T [mm]	H [mm]	Ø d [mm]
125	255	255	600	123
160	290	290	600	158
200	330	330	800	198
250	380	380	1000	248
315	445	445	1250	313
400	530	530	1500	398
500	630	630	1750	498
630	760	760	2000	628



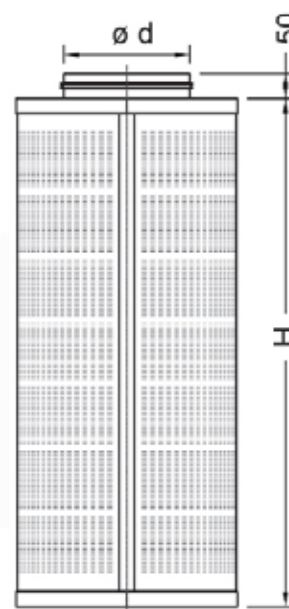
VQA-RH
hexagonal



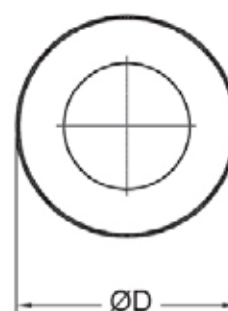
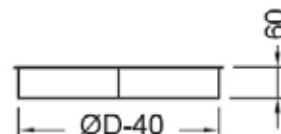
FS
Floor socket



VQA-RU
round



FS
Floor socket



Size:	$\varnothing D$ [mm]	B [mm]	B1 [mm]	C [mm]	H [mm]	$\varnothing d$ [mm]
160	345	345	399	164	600	158
200	385	385	445	222	800	198
250	435	435	502	251	1000	248
315	500	500	577	289	1250	313
400	585	585	676	338	1500	398
500	685	685	791	395	1750	498
600	815	815	941	471	2000	628

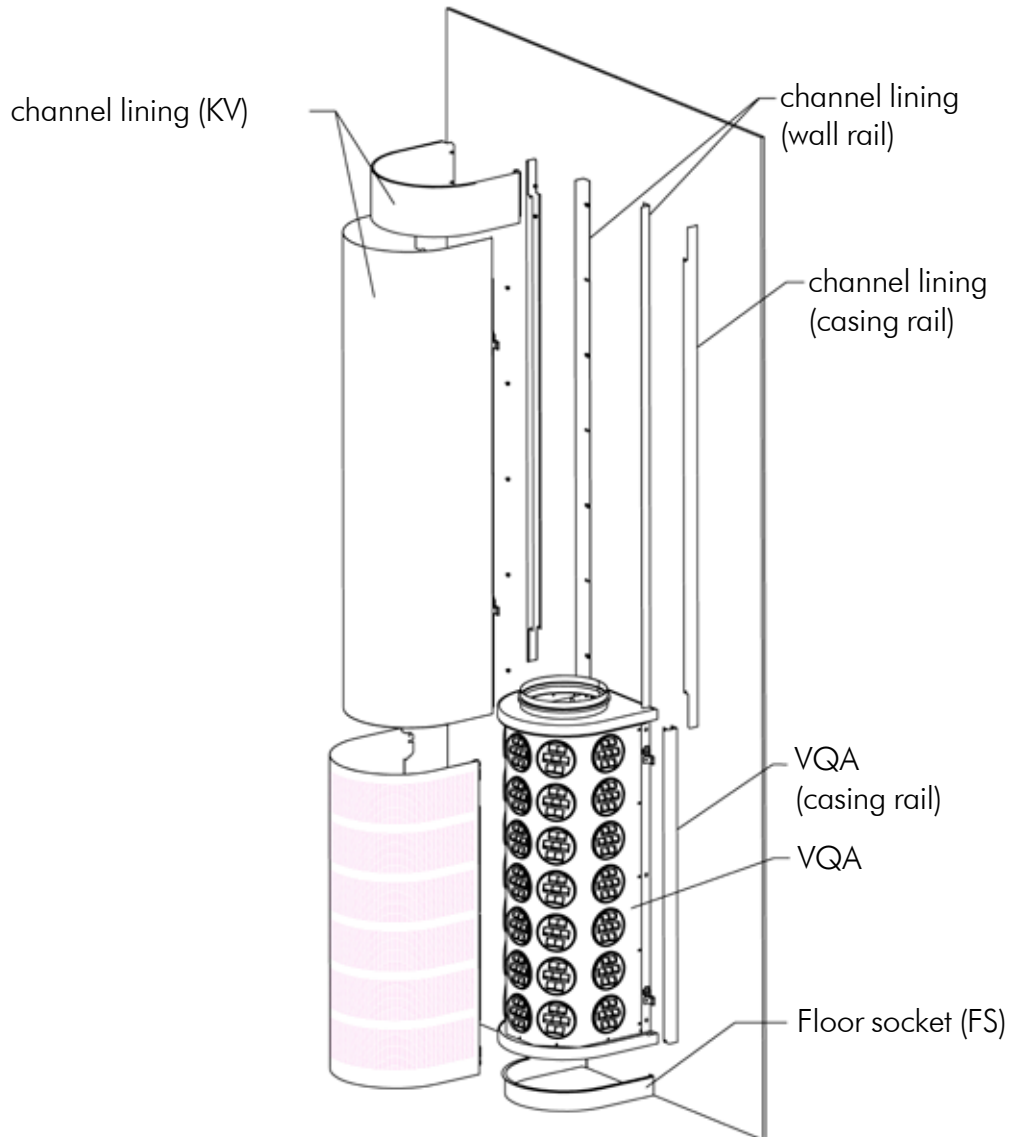


VQA

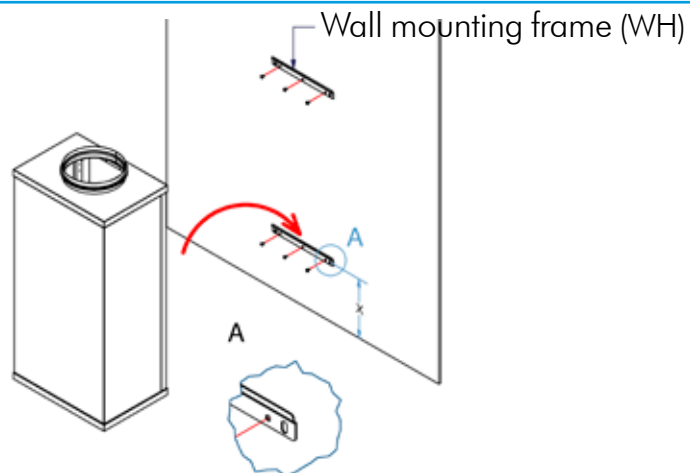
Innovative low velocity system



VQA-RE: Accessories - channel lining (KV)



VQA-RE: Accessories - wall mounting frame





Tender text:

VQA-RU

low velocity terminal in round shape comprising of two perforated half-roundfronts with horizontal slots, a plenum chamber unit with round housings with integrated nozzles for uniform multidirectional distribution, front panels removable, all screws and fastenings hidden.

Terminal made from galvanized sheet steel, powder coated in white (RAL 9010), other RAL-colours to choices on request.

Certified according to the VDI 6022 and the SWKI VA104-01 guidelines.

VQA-HR

low velocity terminal in half-round shape comprising of a perforated half-round front with horizontal slots, a plenum chamber unit with round housings with integrated nozzles for uniform multidirectional distribution, front panels removable, all screws and fastenings hidden.

Terminal made from galvanized sheet steel, powder coated in white (RAL 9010), other RAL-colours to choices on request.

Certified according to the VDI 6022 and the SWKI VA104-01 guidelines.

VQA-VR

low velocity terminal in quarter-round shape comprising of a perforated front with horizontal slots, a plenum chamber unit with round housings with integrated nozzles for uniform multidirectional distribution, front panels removable, all screws and fastenings hidden.

Terminal made from galvanized sheet steel, powder coated in white (RAL 9010), other RAL-colours to choices on request.

Certified according to the VDI 6022 and the SWKI VA104-01 guidelines.

VQA-RH

low velocity terminal in hexagonal comprising of a perforated front with horizontal slots, a plenum chamber unit with round housings with integrated nozzles for uniform multidirectional distribution, front panels removable, all screws and fastenings hidden.

Terminal made from galvanized sheet steel, powder coated in white (RAL 9010), other RAL-colours to choices on request.

Certified according to the VDI 6022 and the SWKI VA104-01 guidelines.

VQA-HH

low velocity terminal in half-hexagonal shape comprising of a perforated front with horizontal slots, a plenum chamber unit with round housings with integrated nozzles for uniform multidirectional distribution, front panels removable, all screws and fastenings hidden.

Terminal made from galvanized sheet steel, powder coated in white (RAL 9010), other RAL-colours to choices on request.

Certified according to the VDI 6022 and the SWKI VA104-01 guidelines.



VQA

Innovative low velocity system



VQA-VH

low velocity terminal in quarter-hexagonal shape comprising of a perforated front with horizontal slots, a plenum chamber unit with round housings with integrated nozzles for uniform multidirectional distribution, front panels removable, all screws and fastenings hidden.

Terminal made from galvanized sheet steel, powder coated in white (RAL 9010), other RAL-colours to choices on request.

Certified according to the VDI 6022 and the SWKI VA104-01 guidelines.

VQA-RF

low velocity terminal in rectangular shape comprising of a perforated front with horizontal slots, a plenum chamber unit with round housings with integrated nozzles for uniform multidirectional distribution, front panels removable, all screws and fastenings hidden.

Terminal made from galvanized sheet steel, powder coated in white (RAL 9010), other RAL-colours to choices on request.

Certified according to the VDI 6022 and the SWKI VA104-01 guidelines.

FS

floor socket, H = 60 mm, galv. sheet steel, powder-coated

BR

wall mounting frame made from extruded aluminium, powder-coated

KV

channel lining, galv. sheet steel, powder-coated

WH

wall fixing, galv. steel steel

Manufacture: SLT

Schanze Lufttechnik GmbH
Lenzfeld 8
49811 Lingen (Ems)
Tel.: 0591/9 73 37 - 0
Fax: 0591/9 73 37-50

Type: VQA -

Quantity: Stück

Code: VQA - VR - 200 - FS - WH - KV

Quarter round low velocity system in size 200, with floor socket channel lining and wall fixing.

