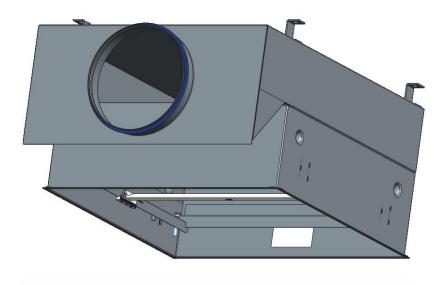


Main points product revision

TROX[®]TECHNIK The art of handling air

Customer-oriented basic changes:

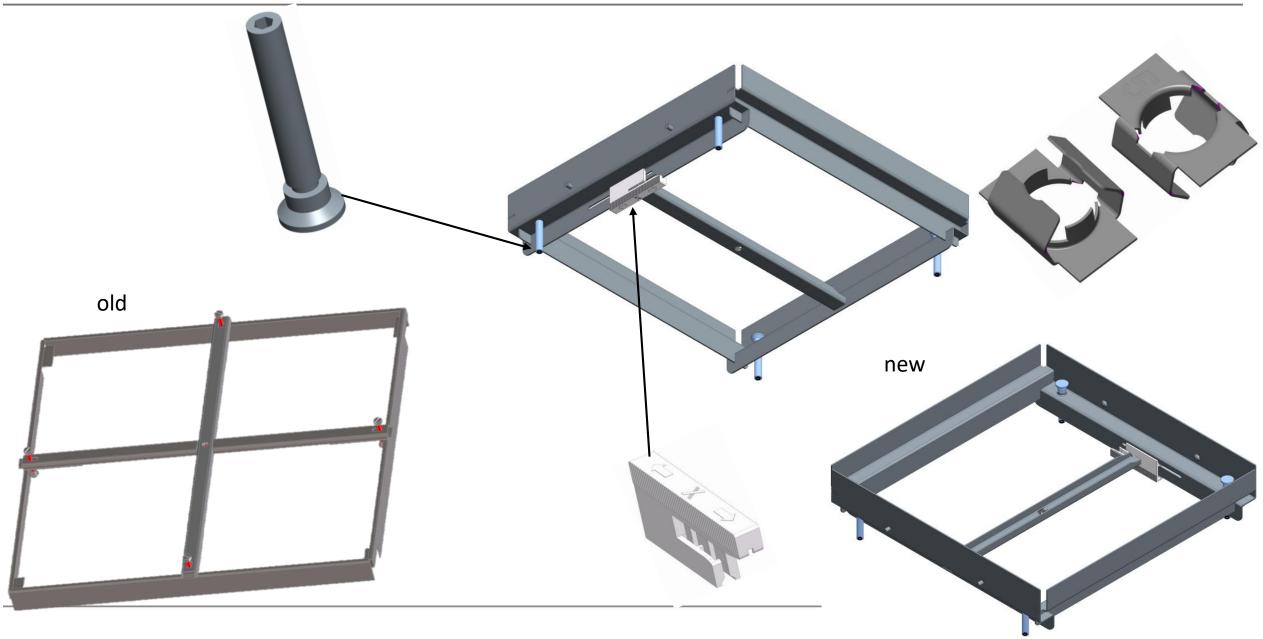
- Introduction of new product variants and introduction of nominal size 825
- Introduction of housing with flat contact pressure for filter plates with foamed endless seal
- Front outlet assembly extended and optimised
- Patented filter fixing frame with removable crossbar
- Aerosol feed unit included as an option in the order code
- Option with recessed connection spigot standardised
- Internal measuring tube optimised
- Filter selection enlarged
- New Order code





TFC Clamping frame

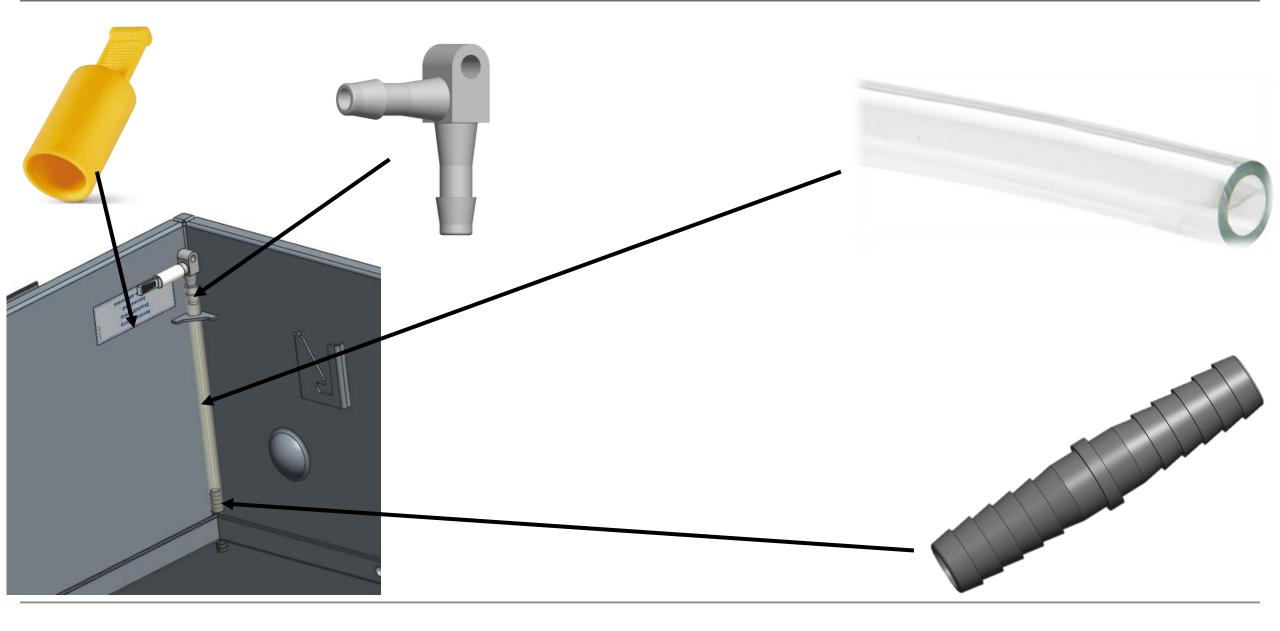






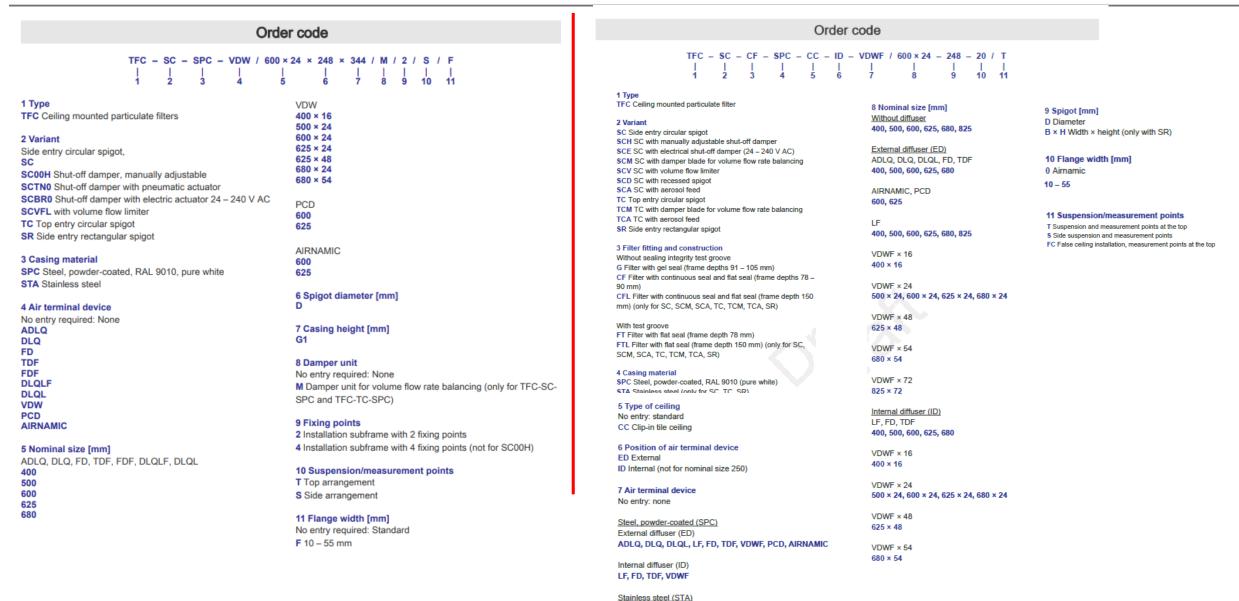






TFC Order Code Old / New





n

LF, VDWF

Internal or external diffuser (ID, ED)

new



Order	code	8 Nominal size [mm] Without diffuser	9 Spigot [mm]
		400, 500, 600, 625, 680, 825	D Diameter
TFC $-$ SC $-$ CF $-$ SPC $-$ CC $-$ ID $-$	VDWE / 600 x 24 - 248 - 20 / T	100, 500, 000, 025, 000, 025	B × H Width × height (only with SR)
		External diffuser (ED)	
	7 8 9 10 11	ADLQ, DLQ, DLQL, FD, TDF	
		400, 500, 600, 625, 680	10 Flange width [mm]
			0 Airnamic
1 Type		AIRNAMIC, PCD	10 – 55
TFC Ceiling mounted particulate filter	5 Type of ceiling	600, 625	10-35
·····	No entry: standard		
2 Variant	CC Clip-in tile ceiling	LF	11 Suspension/measurement points
SC Side entry circular spigot		400, 500, 600, 625, 680, 825	T Suspension and measurement points at the top
SCH SC with manually adjustable shut-off damper	6 Position of air terminal device		S Side suspension and measurement points
SCE SC with electrical shut-off damper (24 - 240 V AC)	ED External	VDWF × 16	FC False ceiling installation, measurement points at the top
SCM SC with damper blade for volume flow rate balancing	ID Internal (not for nominal size 250)	400 × 16	
SCV SC with volume flow limiter			
SCD SC with recessed spigot	7 Air terminal device	VDWF × 24	
SCA SC with aerosol feed		500 × 24, 600 × 24, 625 × 24, 680 × 24	
TC Top entry circular spigot	No entry: none		
TCM TC with damper blade for volume flow rate balancing		VDWF × 48	
TCA TC with aerosol feed	Steel, powder-coated (SPC)	625 × 48	
SR Side entry rectangular spigot	External diffuser (ED)		
on oldo only rooming and opiger	ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	VDWF × 54 680 × 54	
3 Filter fitting and construction		000 × 54	
Without sealing integrity test groove	Internal diffuser (ID)	VDWF × 72	
G Filter with gel seal (frame depths 91 – 105 mm)	LF, FD, TDF, VDWF	825 × 72	
CF Filter with continuous seal and flat seal (frame depths 78 –	2.1. 2, 12., 12	025 ~ 12	
90 mm)	Steipless steel (STA)	Internal diffuser (ID)	
CFL Filter with continuous seal and flat seal (frame depth 150	Stainless steel (STA)	LF, FD, TDF	
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)	Internal or external diffuser (ID, ED)	400, 500, 600, 625, 680	
	LF, VDWF	,,,	
With test groove		VDWF × 16	
FT Filter with flat seal (frame depth 78 mm)		400 × 16	
FTL Filter with flat seal (frame depth 150 mm) (only for SC,			
SCM, SCA, TC, TCM, TCA, SR)		VDWF × 24	
		500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material			
SPC Steel, powder-coated, RAL 9010 (pure white)		VDWF × 48	
STA Stainless steel (only for SC, TC, SR)		625 × 48	
		VDWF × 54	
		680 × 54	



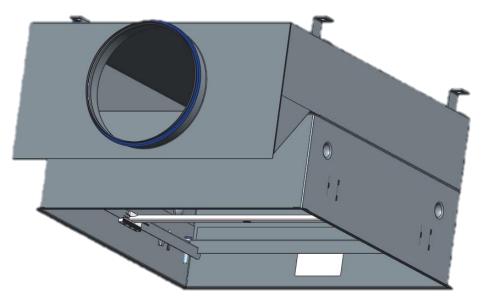
Order		8 Nominal size [mm] <u>Without diffuser</u> 400, 500, 600, 625, 680, 825	9 Spigot [mm] D Diameter
TFC - SC - CF - SPC - CC - ID - 1 2 3 4 5 6	- VDWF / 600 × 24 – 248 – 20 / T 7 8 9 10 11	External diffuser (ED) ADLQ, DLQ, DLQL, FD, TDF 400, 500, 600, 625, 680	B × H Width × height (only with SR) 10 Flange width [mm]
	7		0 Airnamic
1 Type TFC Ceiling mounted particulate filter	5 Type of ceiling No entry: standard	AIRNAMIC, PCD 600, 625	10 – 55
2 Variant	CC Clip-in tile ceiling	LF	11 Suspension/measurement points
SC Side entry circular spigot		400, 500, 600, 625, 680, 825	T Suspension and measurement points at the top
SCH SC with manually adjustable shut-off damper	6 Position of air terminal device		S Side suspension and measurement points
SCE SC with electrical shut-off damper (24 - 240 V AC)	ED External	VDWF × 16	FC False ceiling installation, measurement points at the
SCM SC with damper blade for volume flow rate balancing SCV SC with volume flow limiter	ID Internal (not for nominal size 250)	400 × 16	
SCD SC with recessed spigot	7 Air terminal device	VDWF × 24	
SCA SC with aerosol feed		500 × 24, 600 × 24, 625 × 24, 680 × 24	
TC Top entry circular spigot	No entry: none		
TCM TC with damper blade for volume flow rate balancing		VDWF × 48	
TCA TC with aerosol feed	Steel, powder-coated (SPC)	625 × 48	
SR Side entry rectangular spigot	External diffuser (ED)	VDWF × 54	
	ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	680 × 54	
3 Filter fitting and construction		000 × 54	
Without sealing integrity test groove	Internal diffuser (ID)	VDWF × 72	
G Filter with gel seal (frame depths 91 – 105 mm)	LF, FD, TDF, VDWF	825 × 72	
CF Filter with continuous seal and flat seal (frame depths 78 -		020.072	
90 mm)	Stainless steel (STA)	Internal diffuser (ID)	
CFL Filter with continuous seal and flat seal (frame depth 150		LF, FD, TDF	
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)	Internal or external diffuser (ID, ED)	400, 500, 600, 625, 680	
	LF, VDWF		
With test groove		VDWF × 16	
FT Filter with flat seal (frame depth 78 mm)		400 × 16	
FTL Filter with flat seal (frame depth 150 mm) (only for SC,			
SCM, SCA, TC, TCM, TCA, SR)		VDWF × 24	
		500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material			
SPC Steel, powder-coated, RAL 9010 (pure white)		VDWF × 48 625 × 48	
STA Stainless steel (only for SC, TC, SR)		020 ^ 40	
		VDWF × 54	
		680 × 54	



Orde	r code	8 Nominal size [mm] <u>Without diffuser</u>	9 Spigot [mm] D Diameter
TFC - SC - CF - SPC - CC - ID 1 2 3 4 5 6	- VDWF / 600 × 24 - 248 - 20 / T 7 8 9 10 11	400, 500, 600, 625, 680, 825 External diffuser (ED) ADLQ, DLQ, DLQL, FD, TDF	B × H Width × height (only with SR)
1 2 3 4 3 0	7 0 9 10 11	400, 500, 600, 625, 680	10 Flange width [mm] 0 Airnamic
1 Type TFC Ceiling mounted particulate filter	5 Type of ceiling	AIRNAMIC, PCD 600, 625	10 – 55
2 Variant	No entry: standard CC Clip-in tile ceiling	LF	11 Suspension/measurement points
SC Side entry circular spigot SCH SC with manually adjustable shut-off damper SCE SC with electrical shut-off damper (24 – 240 V AC)	6 Position of air terminal device ED External	400, 500, 600, 625, 680, 825 VDWF × 16	T Suspension and measurement points at the top S Side suspension and measurement points FC False ceiling installation, measurement points at the top
SCM SC with damper blade for volume flow rate balancing SCV SC with volume flow limiter	ID Internal (not for nominal size 250)	400 × 16	
SCD SC with recessed spigot SCA SC with aerosol feed	7 Air terminal device No entry: none	VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24	
TC Top entry circular spigot TCM TC with damper blade for volume flow rate balancing	Steel, powder-coated (SPC)	VDWF × 48 625 × 48	
TCA TC with aerosol feed SR Side entry rectangular spigot	External diffuser (ED) ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	VDWF × 54 680 × 54	
3 Filter fitting and construction Without sealing integrity test groove	Internal diffuser (ID)	VDWF × 72	
G Filter with gel seal (frame depths 91 – 105 mm) CF Filter with continuous seal and flat seal (frame depths 78 –	LF, FD, TDF, VDWF	825 × 72	
90 mm) CFL Filter with continuous seal and flat seal (frame depth 150	<u>Stainless steel (STA)</u> Internal or external diffuser (ID, ED)	Internal diffuser (ID) LF, FD, TDF	
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR) With test groove	LF, VDWF	400, 500, 600, 625, 680 VDWF × 16	
FT Filter with flat seal (frame depth 78 mm) FTL Filter with flat seal (frame depth 150 mm) (only for SC,		400 × 16	
SCM, SCA, TC, TCM, TCA, SR)		VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material SPC Steel, powder-coated, RAL 9010 (pure white) STA Stainless steel (only for SC, TC, SR)		VDWF × 48 625 × 48	
		VDWF × 54 680 × 54	

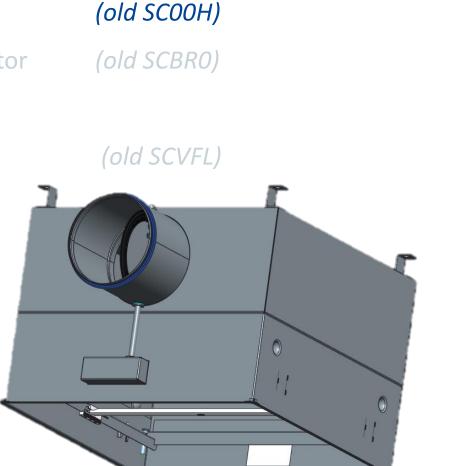


- SC Side entry circular spigot
- SCH Side entry circular spigot, manually adjustable shutoff damper
- SCE Side entry circular spigot, shut-off damper with electric actuator
- SCM SC with Damper unit for volume flow rate balancing
- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot



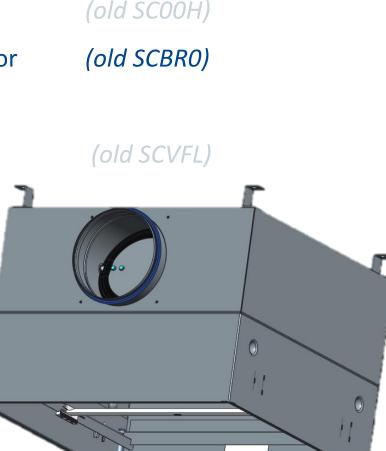


- SC Side entry circular spigot
- SCH Side entry circular spigot, manually adjustable shutoff damper
- SCE Side entry circular spigot, shut-off damper with electric actuator
- SCM SC with Damper unit for volume flow rate balancing
- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot



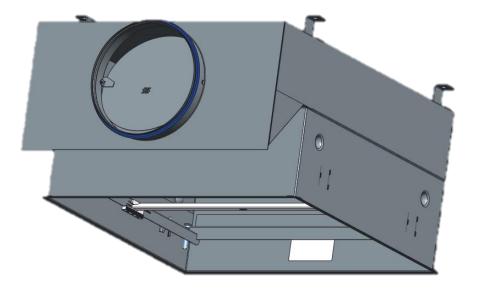


- SC Side entry circular spigot
- SCH Side entry circular spigot, manually adjustable shutoff damper
- SCE Side entry circular spigot, shut-off damper with electric actuator
- SCM SC with Damper unit for volume flow rate balancing
- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot



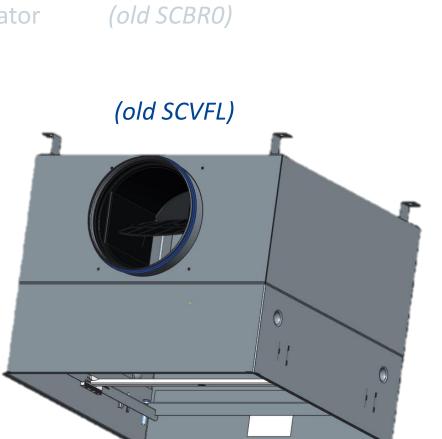


- SC Side entry circular spigot
- SCH Side entry circular spigot, manually adjustable shutoff damper
- SCE Side entry circular spigot, shut-off damper with electric actuator
- SCM SC with Damper unit for volume flow rate balancing
- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot





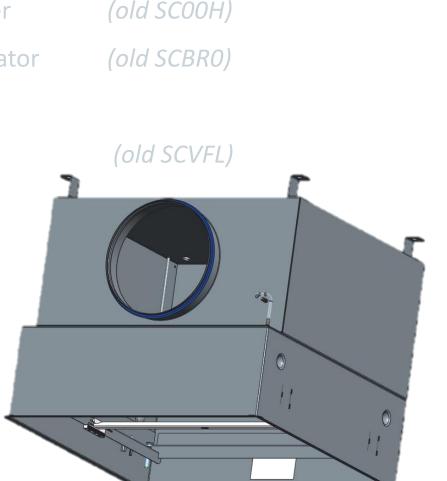
- SC Side entry circular spigot
- SCH Side entry circular spigot, manually adjustable shutoff damper
- SCE Side entry circular spigot, shut-off damper with electric actuator
- SCM SC with Damper unit for volume flow rate balancing
- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot



(old SCOOH)

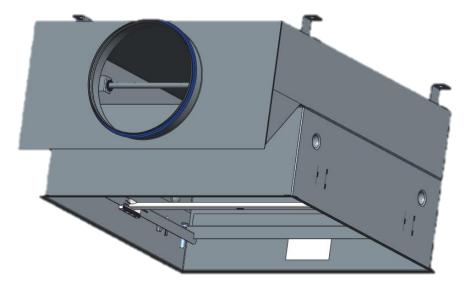


- SC Side entry circular spigot
- SCH Side entry circular spigot, manually adjustable shutoff damper
- SCE Side entry circular spigot, shut-off damper with electric actuator
- SCM SC with Damper unit for volume flow rate balancing
- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot

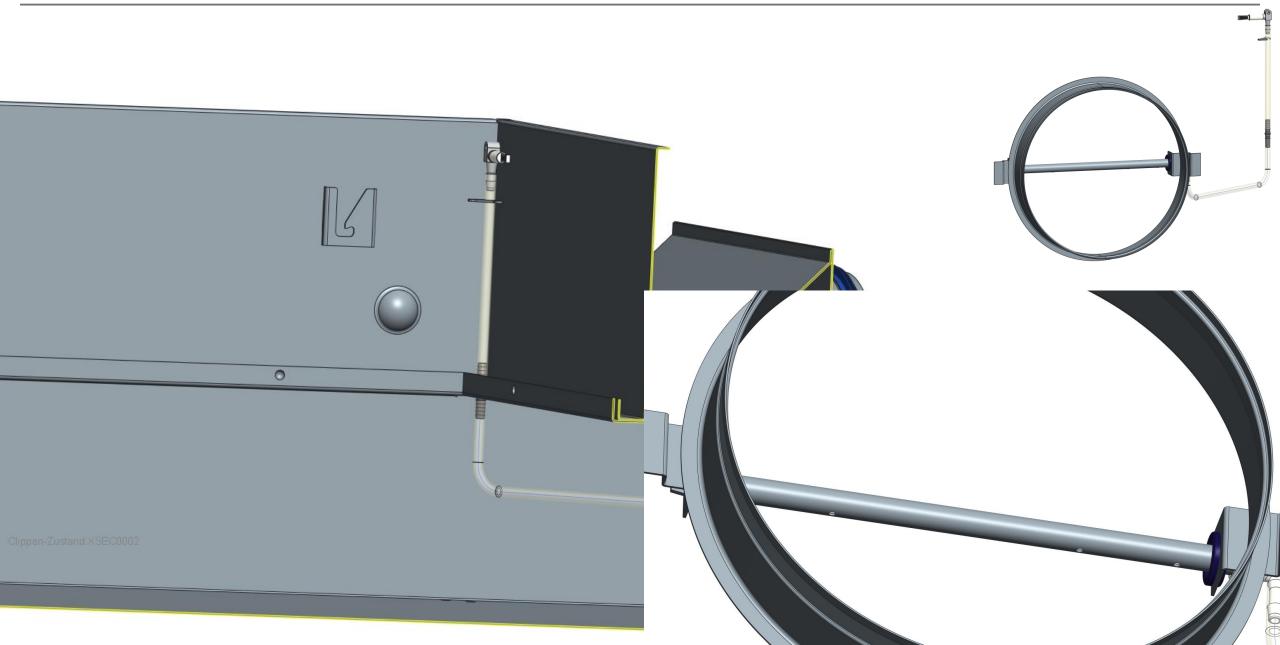




- SC Side entry circular spigot
- SCH Side entry circular spigot, manually adjustable shutoff damper
- SCE Side entry circular spigot, shut-off damper with electric actuator
- SCM SC with Damper unit for volume flow rate balancing
- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot

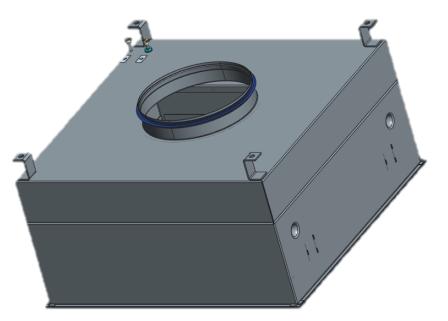






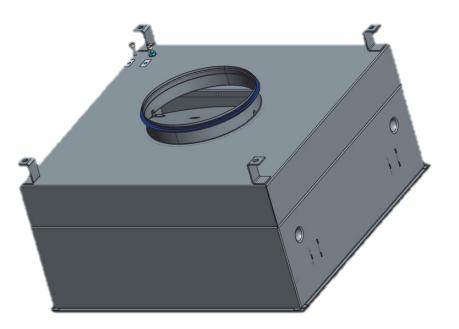


- SC Side entry circular spigot
- SCH Side entry circular spigot, manually adjustable shutoff damper
- SCE Side entry circular spigot, shut-off damper with electric actuator
- SCM SC with Damper unit for volume flow rate balancing
- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot



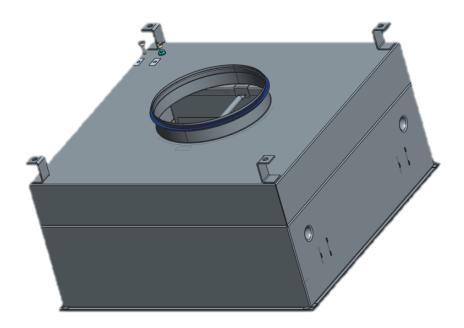


- SC Side entry circular spigot
- SCH Side entry circular spigot, manually adjustable shutoff damper
- SCE Side entry circular spigot, shut-off damper with electric actuator
- SCM SC with Damper unit for volume flow rate balancing
- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot



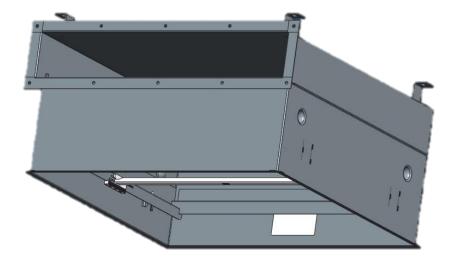


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- SCH Side entry circular spigot, manually adjustable shutoff damper
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- SCM SC with Damper unit for volume flow rate balancing
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- SCD SC with set-back spigot
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- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot





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- SCV Side entry circular spigot, volume flow limiter
- SCD SC with set-back spigot
- SCA SC with aerosol supply unit
- TC Top entry circular spigot
- TCM SC with Damper unit for volume flow rate balancing
- TCA TC with aerosol injection tube
- SR Side entry rectangular spigot



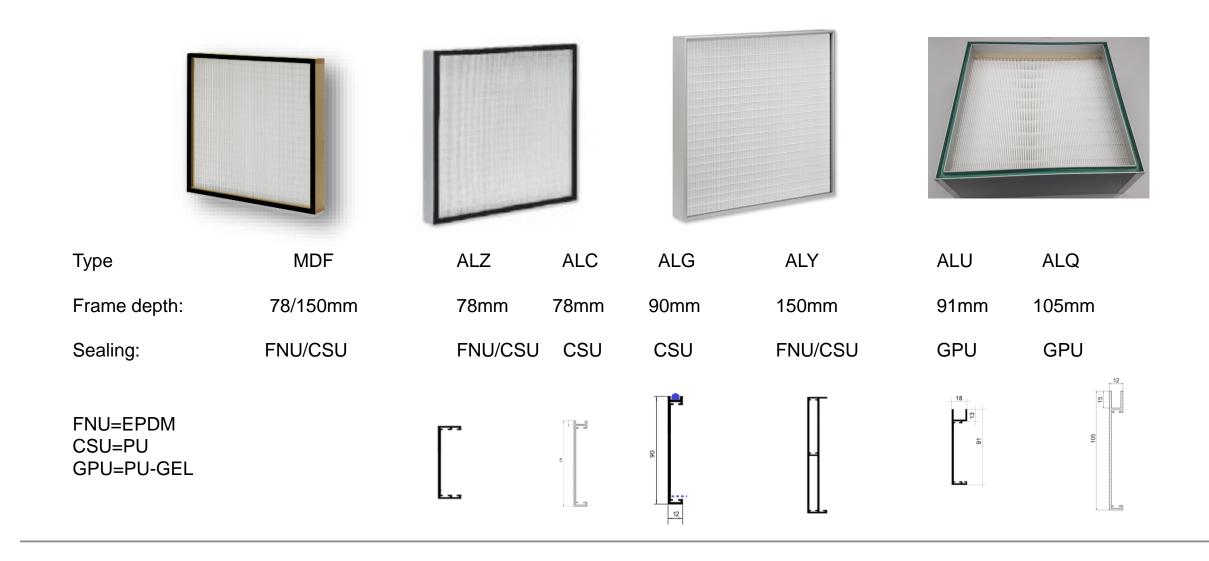


Order	code	8 Nominal size [mm] <u>Without diffuser</u>	9 Spigot [mm]
		400, 500, 600, 625, 680, 825	D Diameter
TFC = SC = CF = SPC = CC = ID	- VDWF / 600 × 24 - 248 - 20 / T		B × H Width × height (only with SR)
	7 8 9 10 11	External diffuser (ED)	
1 2 3 4 5 6	7 8 9 10 11	ADLQ, DLQ, DLQL, FD, TDF	10 Flange width [mm]
		400, 500, 600, 625, 680	0 Airnamic
1 Type		AIRNAMIC, PCD	
TFC Ceiling mounted particulate filter	5 Type of ceiling	600, 625	10 – 55
The Centing mounted particulate liner	No entry: standard	000,020	
2 Variant	CC Clip-in tile ceiling	LF	11 Suspension/measurement points
SC Side entry circular spigot		400, 500, 600, 625, 680, 825	T Suspension and measurement points at the top
SCH SC with manually adjustable shut-off damper	6 Position of air terminal device		S Side suspension and measurement points
SCE SC with electrical shut-off damper (24 - 240 V AC)	ED External	VDWF × 16	FC False ceiling installation, measurement points at the top
SCM SC with damper blade for volume flow rate balancing	ID Internal (not for nominal size 250)	400 × 16	
SCV SC with volume flow limiter	, , , , , , , , , , , , , , ,		
SCD SC with recessed spigot	7 Air terminal device	VDWF × 24	
SCA SC with aerosol feed	No entry: none	500 × 24, 600 × 24, 625 × 24, 680 × 24	
TC Top entry circular spigot	No enuy. none	VDWF × 48	
TCM TC with damper blade for volume flow rate balancing	Charl any day analysis (CDC)	625 × 48	
TCA TC with aerosol feed	Steel, powder-coated (SPC)	025 * 40	
SR Side entry rectangular spigot	External diffuser (ED)	VDWF × 54	
	ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	680 × 54	
3 Filter fitting and construction			
Without sealing integrity test groove	Internal diffuser (ID)	VDWF × 72	
G Filter with gel seal (frame depths 91 – 105 mm)	LF, FD, TDF, VDWF	825 × 72	
CF Filter with continuous seal and flat seal (frame depths 78 –			
90 mm)	Stainless steel (STA)	Internal diffuser (ID)	
CFL Filter with continuous seal and flat seal (frame depth 150	Internal or external diffuser (ID, ED)	LF, FD, TDF	
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)		400, 500, 600, 625, 680	
	LF, VDWF	VDWF × 16	
With test groove		400 × 16	
FT Filter with flat seal (frame depth 78 mm)		10 0 0 10	
FTL Filter with flat seal (frame depth 150 mm) (only for SC,		VDWF × 24	
SCM, SCA, TC, TCM, TCA, SR)		500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material			
SPC Steel, powder-coated, RAL 9010 (pure white)		VDWF × 48	
STA Stainless steel (only for SC, TC, SR)		625 × 48	
		VDWF × 54	
		680 × 54	



TFC-Type	G	CF	CFL	FT	FTL
Sealing integrity test facility	×	×	×	~	×
Gel-seal	×	×	×	×	×
Continuous sealing	×	×	×	×	×
Flat seal	*	×	×	×	×
possible Aluminium-Profiles	ALQ, ALU	ALC, ALG, ALZ	ALY	ALZ	ALY







Order of	code	8 Nominal size [mm] 9 Spigot [mm] Without diffuser D Diameter		
		400, 500, 600, 625, 680, 825	D Diameter	
TFC = SC = CF = SPC = CC = ID =	VDWF / 600 × 24 - 248 - 20 / T		B × H Width × height (only with SR)	
	 7 8 9 10 11	External diffuser (ED) ADLQ, DLQ, DLQL, FD, TDF		
1 2 3 4 5 0	7 0 9 10 11	400, 500, 600, 625, 680	10 Flange width [mm]	
		400, 500, 000, 025, 000	0 Airnamic	
1 Type		AIRNAMIC, PCD	10 – 55	
TFC Ceiling mounted particulate filter	5 Type of ceiling	600, 625	10 - 55	
	No entry: standard			
2 Variant	CC Clip-in tile ceiling	LF	11 Suspension/measurement points	
SC Side entry circular spigot		400, 500, 600, 625, 680, 825	T Suspension and measurement points at the top	
SCH SC with manually adjustable shut-off damper	6 Position of air terminal device		S Side suspension and measurement points	
SCE SC with electrical shut-off damper (24 – 240 V AC)	ED External	VDWF × 16	FC False ceiling installation, measurement points at the top	
SCM SC with damper blade for volume flow rate balancing	ID Internal (not for nominal size 250)	400 × 16		
SCV SC with volume flow limiter		VDWF × 24		
SCD SC with recessed spigot	7 Air terminal device	500 × 24, 600 × 24, 625 × 24, 680 × 24		
SCA SC with aerosol feed	No entry: none	300 A 24, 000 A 24, 023 A 24, 000 A 24		
TC Top entry circular spigot		VDWF × 48		
TCM TC with damper blade for volume flow rate balancing	Steel, powder-coated (SPC)	625 × 48		
TCA TC with aerosol feed	External diffuser (ED)			
SR Side entry rectangular spigot	ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	VDWF × 54		
2 Filter Etting and experimenting	Abed, bed, bede, er, rb, rbr, rbr, rbb, rithranic	680 × 54		
3 Filter fitting and construction	Internal diffuser (ID))		
Without sealing integrity test groove G Filter with gel seal (frame depths 91 – 105 mm)	LF, FD, TDF, VDWF	VDWF × 72		
CF Filter with continuous seal and flat seal (frame depths 78 –	LF, FD, TDF, VDWF	825 × 72		
90 mm)		Internal diffuser (ID)		
CFL Filter with continuous seal and flat seal (frame depth 150	Stainless steel (STA)	LF, FD, TDF		
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)	Internal or external diffuser (ID, ED)	400, 500, 600, 625, 680		
	LF, VDWF	,,,,		
With test groove		VDWF × 16		
FT Filter with flat seal (frame depth 78 mm)		400 × 16		
FTL Filter with flat seal (frame depth 150 mm) (only for SC,				
SCM, SCA, TC, TCM, TCA, SR)		VDWF × 24		
	7	500 × 24, 600 × 24, 625 × 24, 680 × 24		
4 Casing material		VDWF × 48		
SPC Steel, powder-coated, RAL 9010 (pure white)		625 × 48		
STA Stainless steel (only for SC, TC, SR)		020 6 40		
		VDWF × 54		
		680 × 54		

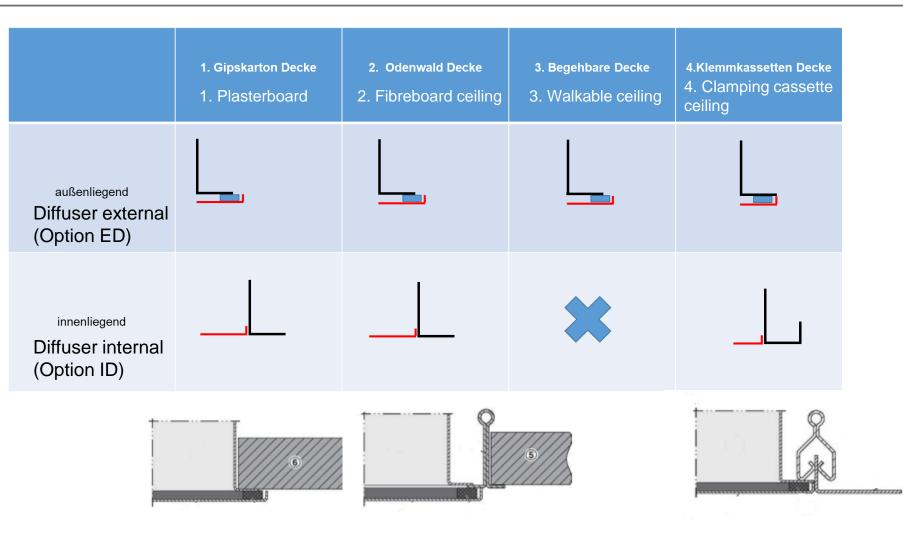


Or	der code	8 Nominal size [mm] <u>Without diffuser</u>	9 Spigot [mm] D Diameter
TFC - SC - CF - SPC - CC - 1 2 3 4 5	ID – VDWF / 600 × 24 – 248 – 20 / T 6 7 8 9 10 11	400, 500, 600, 625, 680, 825 External diffuser (ED) ADLQ, DLQ, DLQL, FD, TDF	B × H Width × height (only with SR)
		400, 500, 600, 625, 680	10 Flange width [mm] 0 Airnamic
1 Type TFC Ceiling mounted particulate filter	5 Type of ceiling No entry: standard	AIRNAMIC, PCD 600, 625	10 – 55
2 Variant	CC Clip-in tile ceiling		11 Suspension/measurement points
SC Side entry circular spigot SCH SC with manually adjustable shut-off damper	6 Position of air terminal device	400, 500, 600, 625, 680, 825 VDWF × 16	T Suspension and measurement points at the top \$ Side suspension and measurement points FC False ceiling installation, measurement points at the top
SCE SC with electrical shut-off damper (24 – 240 V AC) SCM SC with damper blade for volume flow rate balancing	ED External ID Internal (not for nominal size 250)	400 × 16	
SCV SC with volume flow limiter SCD SC with recessed spigot SCA SC with aerosol feed	7 Air terminal device	VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24	
TC Top entry circular spigot TCM TC with damper blade for volume flow rate balancing	No entry: none	VDWF × 48	
TCA TC with aerosol feed SR Side entry rectangular spigot	Steel, powder-coated (SPC) External diffuser (ED)	625 × 48 VDWF × 54	
3 Filter fitting and construction	ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	680 × 54	
Without sealing integrity test groove G Filter with gel seal (frame depths 91 – 105 mm)	Internal diffuser (ID) LF, FD, TDF, VDWF	VDWF × 72 825 × 72	
CF Filter with continuous seal and flat seal (frame depths 78 – 90 mm) CFL Filter with continuous seal and flat seal (frame depth 150	Stainless steel (STA)	Internal diffuser (ID) LF, FD, TDF	
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)	Internal or external diffuser (ID, ED)	400, 500, 600, 625, 680	
With test groove FT Filter with flat seal (frame depth 78 mm)		VDWF × 16 400 × 16	
FTL Filter with flat seal (frame depth 150 mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)		VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material SPC Steel, powder-coated, RAL 9010 (pure white)		VDWF × 48	
STA Stainless steel (only for SC, TC, SR)		625 × 48	
		VDWF × 54 680 × 54	



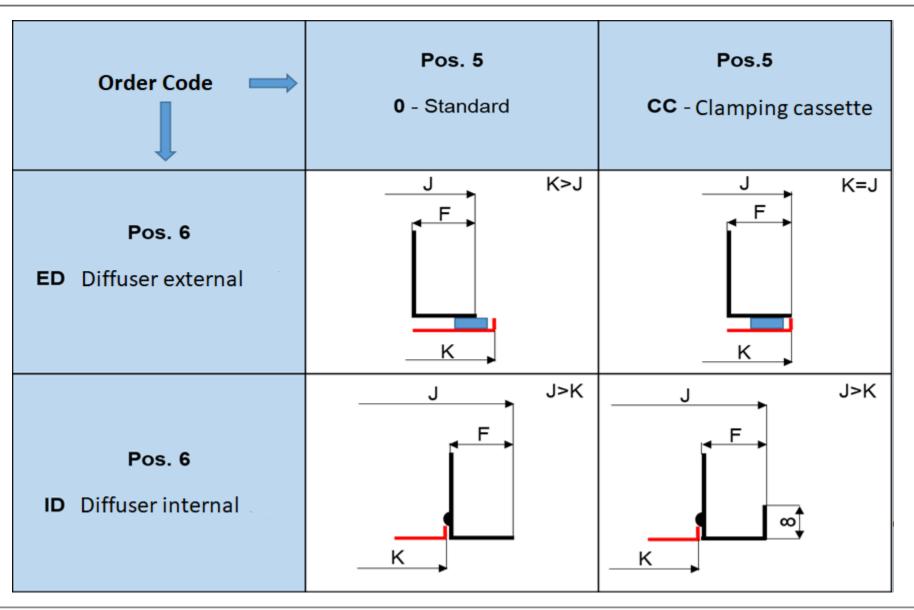
	 Gipskarton Decke Plasterboard 	 2. Odenwald Decke 2. Fibreboard ceiling 	 Begehbare Decke Walkable ceiling 	4.Klemmkassetten Decke 4. Clamping cassette ceiling
außenliegend Diffuser external (Option ED)				
innenliegend Diffuser internal (Option ID)				





TFC Overview Diffuser + Flange











Or	der code	8 Nominal size [mm] <u>Without diffuser</u>	9 Spigot [mm] D Diameter
TFC - SC - CF - SPC - CC - 1 2 3 4 5	ID – VDWF / 600 × 24 – 248 – 20 / T 6 7 8 9 10 11	400, 500, 600, 625, 680, 825 External diffuser (ED) ADLQ, DLQ, DLQL, FD, TDF	B × H Width × height (only with SR)
		400, 500, 600, 625, 680	10 Flange width [mm] 0 Airnamic
1 Type TFC Ceiling mounted particulate filter	5 Type of ceiling No entry: standard	AIRNAMIC, PCD 600, 625	10 – 55
2 Variant	CC Clip-in tile ceiling		11 Suspension/measurement points
SC Side entry circular spigot SCH SC with manually adjustable shut-off damper	6 Position of air terminal device	400, 500, 600, 625, 680, 825 VDWF × 16	T Suspension and measurement points at the top \$ Side suspension and measurement points FC False ceiling installation, measurement points at the top
SCE SC with electrical shut-off damper (24 – 240 V AC) SCM SC with damper blade for volume flow rate balancing	ED External ID Internal (not for nominal size 250)	400 × 16	
SCV SC with volume flow limiter SCD SC with recessed spigot SCA SC with aerosol feed	7 Air terminal device	VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24	
TC Top entry circular spigot TCM TC with damper blade for volume flow rate balancing	No entry: none	VDWF × 48	
TCA TC with aerosol feed SR Side entry rectangular spigot	Steel, powder-coated (SPC) External diffuser (ED)	625 × 48 VDWF × 54	
3 Filter fitting and construction	ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	680 × 54	
Without sealing integrity test groove G Filter with gel seal (frame depths 91 – 105 mm)	Internal diffuser (ID) LF, FD, TDF, VDWF	VDWF × 72 825 × 72	
CF Filter with continuous seal and flat seal (frame depths 78 – 90 mm) CFL Filter with continuous seal and flat seal (frame depth 150	Stainless steel (STA)	Internal diffuser (ID) LF, FD, TDF	
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)	Internal or external diffuser (ID, ED)	400, 500, 600, 625, 680	
With test groove FT Filter with flat seal (frame depth 78 mm)		VDWF × 16 400 × 16	
FTL Filter with flat seal (frame depth 150 mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)		VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material SPC Steel, powder-coated, RAL 9010 (pure white)		VDWF × 48	
STA Stainless steel (only for SC, TC, SR)		625 × 48	
		VDWF × 54 680 × 54	





Option CC+ED:

The flange of the TFC series is enlarged to the outer dimension of the diffuser face = nominal dimension of the diffuser face.

In this way, the outside diffuser face has a stop.

The seal is made between the diffuser and the ceiling panel.

Option CC+ID

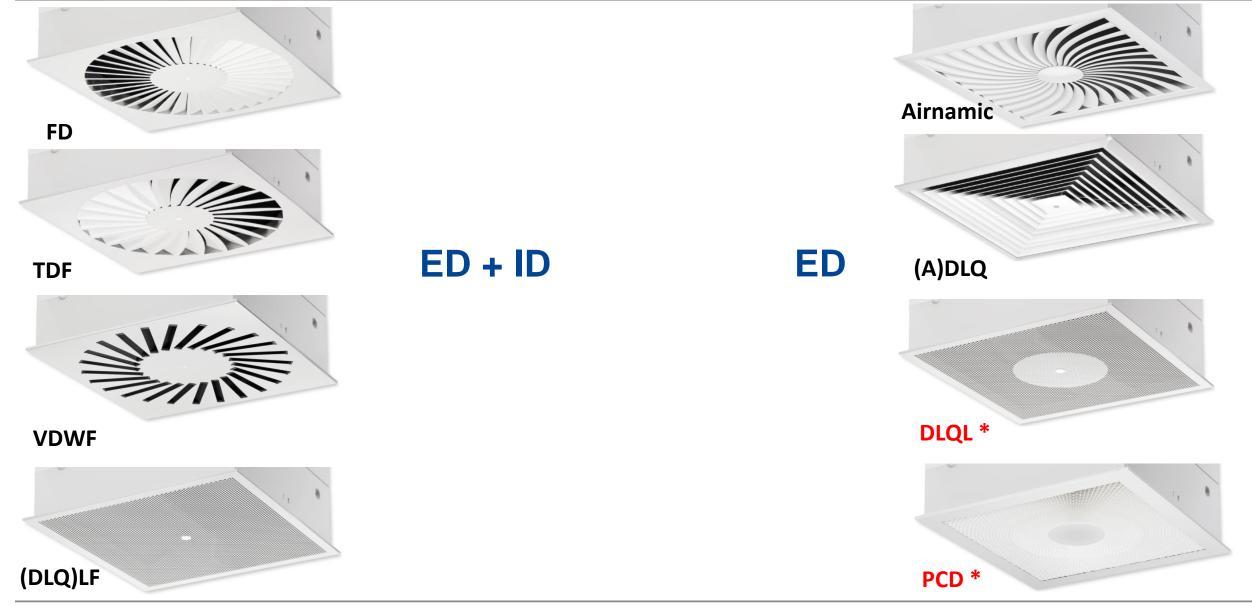
The flange of the TFC series is enlarged to the outer dimension of the diffuser face = nominal dimension of the diffuser face. The flange has an additional edge, this is used for sealing between the housing and the ceiling panel.



Ord	der code	8 Nominal size [mm] <u>Without diffuser</u>	9 Spigot [mm] D Diameter
TFC - SC - CF - SPC - CC - 1 2 3 4 5	ID - VDWF / 600 × 24 - 248 - 20 / T 6 7 8 9 10 11	400, 500, 600, 625, 680, 825 <u>External diffuser (ED)</u> ADLQ, DLQ, DLQL, FD, TDF 400, 500, 600, 625, 680	B × H Width × height (only with SR)
1 Type TFC Ceiling mounted particulate filter	5 Type of ceiling No entry: standard	AIRNAMIC, PCD 600, 625	0 Airnamic 10 – 55
2 Variant SC Side entry circular spigot SCH SC with manually adjustable shut-off damper SCE SC with electrical shut-off damper (24 – 240 V AC) SCM SC with damper blade for volume flow rate balancing	CC Clip-in tile ceiling 6 Position of air terminal device ED External ID Internal (not for nominal size 250)	LF 400, 500, 600, 625, 680, 825 VDWF × 16 400 × 16	11 Suspension/measurement points T Suspension and measurement points at the top S Side suspension and measurement points FC False ceiling installation, measurement points at the top
SCV SC with volume flow limiter SCD SC with recessed spigot SCA SC with aerosol feed TC Top entry circular spigot TCM TC with damper blade for volume flow rate balancing TCA TC with aerosol feed SR Side entry rectangular spigot	7 Air terminal device No entry: none <u>Steel, powder-coated (SPC)</u> External diffuser (ED) ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24 VDWF × 48 625 × 48 VDWF × 54	
3 Filter fitting and construction Without sealing integrity test groove G Filter with gel seal (frame depths 91 – 105 mm) CF Filter with continuous seal and flat seal (frame depths 78 – 90 mm) CFL Filter with continuous seal and flat seal (frame depth 150 mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)	Internal diffuser (ID) LF, FD, TDF, VDWF <u>Stainless steel (STA)</u> Internal or external diffuser (ID, ED)	680 × 54 VDWF × 72 825 × 72 Internal diffuser (ID) LF, FD, TDF 400, 500, 600, 625, 680	
With test groove FT Filter with flat seal (frame depth 78 mm) FTL Filter with flat seal (frame depth 150 mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)	LF, VDWF	VDWF × 16 400 × 16 VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material SPC Steel, powder-coated, RAL 9010 (pure white) STA Stainless steel (only for SC, TC, SR)		VDWF × 48 625 × 48 VDWF × 54	
		680 × 54	

TFC Diffuser



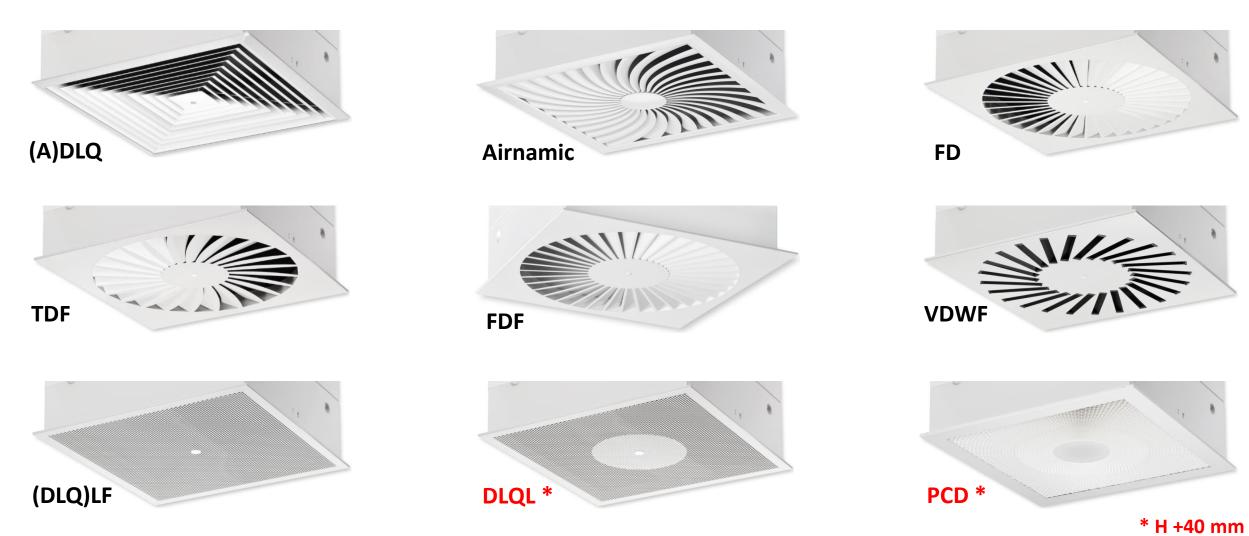


* H +40 mm



Creder of $\begin{array}{c} \mathbf{FFC} - \mathbf{SC} - \mathbf{CF} - \mathbf{SPC} - \mathbf{CC} - \mathbf{ID} - \\ 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 2 & 3 & 4 & 5 & 6 \end{array}$ 1 Type TFC Ceiling mounted particulate filter 2 Variant SC Side entry circular spigot SCH SC with manually adjustable shut-off damper SCE SC with electrical shut-off damper (24 - 240 V AC) SCM SC with damper blade for volume flow rate balancing SCV SC with volume flow limiter SCD SC with recessed spigot SCA SC with aerosol feed TC Top entry circular spigot TCM TC with damper blade for volume flow rate balancing TCA TC with aerosol feed TC Top entry circular spigot 3 Filter fitting and construction Without sealing integrity test groove G Filter with gel seal (frame depths 91 – 105 mm) CF Filter with continuous seal and flat seal (frame depths 78 –	VDWF / 600 × 24 - 248 - 20 / T	8 Nominal size [mm] <u>Without diffuser</u> 400, 500, 600, 625, 680, 825 <u>External diffuser (ED)</u> ADLQ, DLQ, DLQL, FD, TDF 400, 500, 600, 625, 680 AIRNAMIC, PCD 600, 625 LF 400, 500, 600, 625, 680, 825 VDWF × 16 400 × 16 VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24 VDWF × 48 625 × 48 VDWF × 54 680 × 54 VDWF × 72 825 × 72	 9 Spigot [mm] D Diameter B × H Width × height (only with SR) 10 Flange width [mm] 0 Airnamic 10 - 55 11 Suspension/measurement points A the top S Side suspension and measurement points F False ceiling installation, measurement points at the top
Without sealing integrity test groove G Filter with gel seal (frame depths 91 – 105 mm)		VDWF × 72	







Order	code	8 Nominal size [mm] <u>Without diffuser</u>	9 Spigot [mm] D Diameter
TFC - SC - CF - SPC - CC - ID -	VDWF / 600 × 24 - 248 - 20 / T	400, 500, 600, 625, 680, 825 External diffuser (ED)	B × H Width × height (only with SR)
 1 2 3 4 5 6	7 8 9 10 11	ADLQ, DLQ, DLQL, FD, TDF 400, 500, 600, 625, 680	10 Flange width [mm] 0 Airnamic
1 Type		AIRNAMIC, PCD	10 – 55
TFC Ceiling mounted particulate filter	5 Type of ceiling No entry: standard	600, 625	10-33
2 Variant	CC Clip-in tile ceiling	LF	11 Suspension/measurement points
SC Side entry circular spigot		400, 500, 600, 625, 680, 825	T Suspension and measurement points at the top
SCH SC with manually adjustable shut-off damper	6 Position of air terminal device		S Side suspension and measurement points
SCE SC with electrical shut-off damper (24 – 240 V AC)	ED External	VDWF × 16	FC False ceiling installation, measurement points at the top
SCM SC with damper blade for volume flow rate balancing	ID Internal (not for nominal size 250)	400 × 16	
SCV SC with volume flow limiter			
SCD SC with recessed spigot	7 Air terminal device	VDWF × 24	
SCA SC with aerosol feed		500 × 24, 600 × 24, 625 × 24, 680 × 24	
TC Top entry circular spigot	No entry: none		
TCM TC with damper blade for volume flow rate balancing		VDWF × 48	
TCA TC with aerosol feed	Steel, powder-coated (SPC)	625 × 48	
SR Side entry rectangular spigot	External diffuser (ED)	VDWF × 54	
	ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	680 × 54	
3 Filter fitting and construction		000 × 54	
Without sealing integrity test groove	Internal diffuser (ID)	VDWF × 72	
G Filter with gel seal (frame depths 91 - 105 mm)	LF, FD, TDF, VDWF	825 × 72	
CF Filter with continuous seal and flat seal (frame depths 78 -			
90 mm)	Stainless steel (STA)	Internal diffuser (ID)	
CFL Filter with continuous seal and flat seal (frame depth 150	Internal or external diffuser (ID, ED)	LF, FD, TDF	
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)	Internal of external diluser (ID, ED)	400, 500, 600, 625, 680	
	LF, VDWF		
With test groove		VDWF × 16	
FT Filter with flat seal (frame depth 78 mm)		400 × 16	
FTL Filter with flat seal (frame depth 150 mm) (only for SC,			
SCM, SCA, TC, TCM, TCA, SR)		VDWF × 24	
		500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material		VDWF × 48	
SPC Steel, powder-coated, RAL 9010 (pure white)		625 × 48	
STA Stainless steel (only for SC, TC, SR)		023 ^ 40	
		VDWF × 54	
		680 × 54	

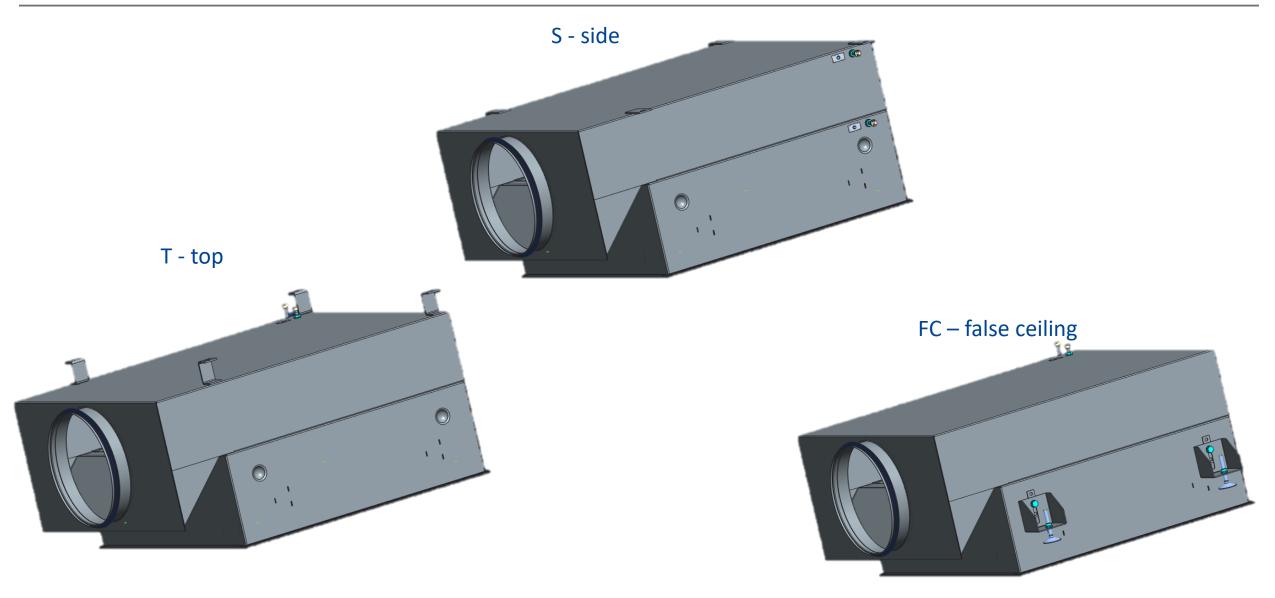


Order code TFC - SC - CF - SPC - CC - ID - VDWF / 600 × 24 - 248 - 20 / T		8 Nominal size [mm] <u>Without diffuser</u> 400, 500, 600, 625, 680, 825 External diffuser (ED)	9 Spigot [mm] D Diameter
			B × H Width × height (only with SR)
 1 2 3 4 5 6	 7 8 9 10 11	ADLQ, DLQ, DLQL, FD, TDF 400, 500, 600, 625, 680	10 Flange width [mm] 0 Airnamic
1 Type		AIRNAMIC, PCD	10 – 55
TFC Ceiling mounted particulate filter	5 Type of ceiling No entry: standard	600, 625	10 - 55
2 Variant	CC Clip-in tile ceiling	LF	11 Suspension/measurement points
SC Side entry circular spigot		400, 500, 600, 625, 680, 825	T Suspension and measurement points at the top
SCH SC with manually adjustable shut-off damper	6 Position of air terminal device		S Side suspension and measurement points
SCE SC with electrical shut-off damper (24 - 240 V AC)	ED External	VDWF × 16	FC False ceiling installation, measurement points at the top
SCM SC with damper blade for volume flow rate balancing	ID Internal (not for nominal size 250)	400 × 16	
SCV SC with volume flow limiter			
SCD SC with recessed spigot	7 Air terminal device	VDWF × 24	
SCA SC with aerosol feed		500 × 24, 600 × 24, 625 × 24, 680 × 24	
TC Top entry circular spigot	No entry: none		
TCM TC with damper blade for volume flow rate balancing		VDWF × 48	
TCA TC with aerosol feed	Steel, powder-coated (SPC)	625 × 48	
SR Side entry rectangular spigot	External diffuser (ED)	VDWF × 54	
	ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	680 × 54	
3 Filter fitting and construction		000 ^ 34	
Without sealing integrity test groove	Internal diffuser (ID)	VDWF × 72	
G Filter with gel seal (frame depths 91 – 105 mm)	LF, FD, TDF, VDWF	825 × 72	
CF Filter with continuous seal and flat seal (frame depths 78 -			
90 mm)	Stainless steel (STA)	Internal diffuser (ID)	
CFL Filter with continuous seal and flat seal (frame depth 150	Internal or external diffuser (ID, ED)	LF, FD, TDF	
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)	Internal of external diffuser (ib, Eb)	400, 500, 600, 625, 680	
	LF, VDWF		
With test groove		VDWF × 16	
FT Filter with flat seal (frame depth 78 mm)		400 × 16	
FTL Filter with flat seal (frame depth 150 mm) (only for SC,			
SCM, SCA, TC, TCM, TCA, SR)		VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material			
SPC Steel, powder-coated, RAL 9010 (pure white)		VDWF × 48	
STA Stainless steel (only for SC, TC, SR)		625 × 48	
		VDWF × 54	
		680 × 54	



Order code		8 Nominal size [mm] <u>Without diffuser</u>	9 Spigot [mm] D Diameter
TFC - SC - CF - SPC - CC - ID	VDWE / 600 × 24 248 20 / T	400, 500, 600, 625, 680, 825	B × H Width × height (only with SR)
	 7 8 9 10 11	<u>External diffuser (ED)</u> ADLQ, DLQ, DLQL, FD, TDF 400, 500, 600, 625, 680	10 Flange width [mm] 0 Airnamic
1 Type		AIRNAMIC, PCD	10 - 55
TFC Ceiling mounted particulate filter	5 Type of ceiling No entry: standard	600, 625	10 - 35
2 Variant	CC Clip-in tile ceiling	LF	11 Suspension/measurement points
SC Side entry circular spigot		400, 500, 600, 625, 680, 825	T Suspension and measurement points at the top
SCH SC with manually adjustable shut-off damper	6 Position of air terminal device		S Side suspension and measurement points
SCE SC with electrical shut-off damper (24 - 240 V AC)	ED External	VDWF × 16	FC False ceiling installation, measurement points at the top
SCM SC with damper blade for volume flow rate balancing	ID Internal (not for nominal size 250)	400 × 16	
SCV SC with volume flow limiter			
SCD SC with recessed spigot	7 Air terminal device	VDWF × 24 500 × 24, 600 × 24, 625 × 24, 680 × 24	
SCA SC with aerosol feed	No entry: none	300 × 24, 000 × 24, 023 × 24, 000 × 24	
TC Top entry circular spigot		VDWF × 48	
TCM TC with damper blade for volume flow rate balancing	Steel, powder-coated (SPC)	625 × 48	
TCA TC with aerosol feed	External diffuser (ED)		
SR Side entry rectangular spigot	ADLQ, DLQ, DLQL, LF, FD, TDF, VDWF, PCD, AIRNAMIC	VDWF × 54 680 × 54	
3 Filter fitting and construction			
Without sealing integrity test groove	Internal diffuser (ID)	VDWF × 72	
G Filter with gel seal (frame depths 91 – 105 mm)	LF, FD, TDF, VDWF	825 × 72	
CF Filter with continuous seal and flat seal (frame depths 78 –			
90 mm)	Stainless steel (STA)	Internal diffuser (ID)	
CFL Filter with continuous seal and flat seal (frame depth 150	Internal or external diffuser (ID, ED)	LF, FD, TDF	
mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)		400, 500, 600, 625, 680	
	LF, VDWF	VDWF × 16	
With test groove		400 × 16	
FT Filter with flat seal (frame depth 78 mm)		100 - 10	
FTL Filter with flat seal (frame depth 150 mm) (only for SC, SCM, SCA, TC, TCM, TCA, SR)		VDWF × 24	
Som, SoA, TO, TOM, TOA, SRJ		500 × 24, 600 × 24, 625 × 24, 680 × 24	
4 Casing material			
SPC Steel, powder-coated, RAL 9010 (pure white)		VDWF × 48	
STA Stainless steel (only for SC, TC, SR)		625 × 48	
		VDWF × 54	
		680 × 54	





TFC false ceiling



