

Zehnder ComfoGrid Classic Line

Technical specification

always the best climate

General

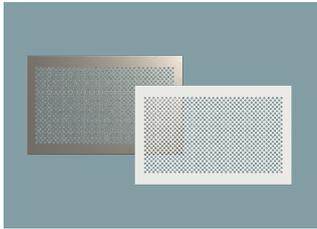
The Zehnder ComfoGrid Classic Line brings clarity, consistency, and reliability to air distribution. Developed to modernise an earlier fragmented portfolio, every grille now follows a unified logic across shapes, sizes, colours, and mounting systems. This makes selection intuitive for professionals while ensuring a coherent look throughout the home.

Engineered for dependable performance on walls, ceilings, or floors, the Classic Line combines durable materials with optimised airflow geometry for quieter, more efficient ventilation. With familiar installation methods and a broad choice of designs – Venezia, Milano, and Bologna – it delivers the perfect balance of practicality and timeless aesthetics.

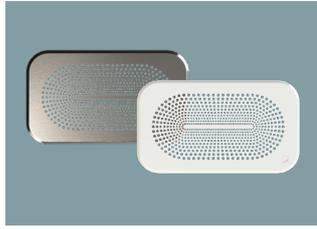


Top Benefits

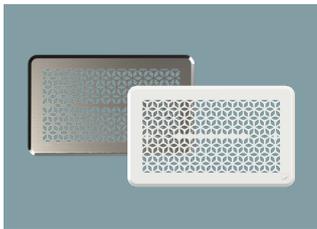
- High-quality materials – durable, robust and elegant, in white matte or stainless steel.
- Fast and simple installation – the right grille for every ComfoCase housing.
- Aesthetic and functional – combining clean design with smooth, efficient airflow.



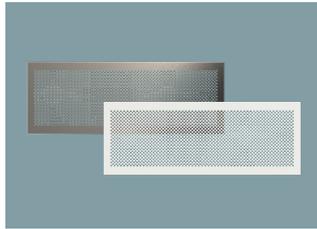
*ComfoGrid Venezia
CLD*



*ComfoGrid Milano
CLD*



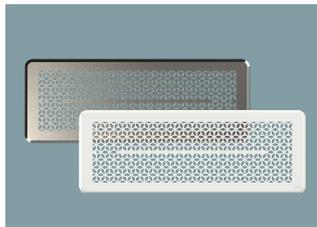
*ComfoGrid Bologna
CLD*



*ComfoGrid Venezia
CLD wide*



*ComfoGrid Milano
CLD wide*



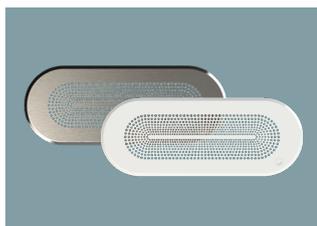
*ComfoGrid Bologna
CLD wide*

More Benefits

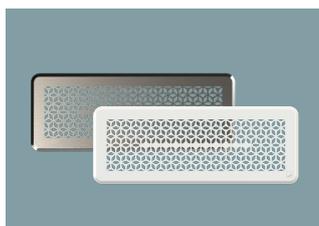
- Effortless professional installation — unified mounting systems ensure quick, secure fitting across applications.
- Consistent portfolio logic — all patterns available in every shape and finish, simplifying ordering and replacement.
- Reliable, long-lasting quality — sturdy construction ensures stable airflow and consistent performance in daily use.
- Trusted Zehnder performance — reduced pressure drop enables quieter, more efficient ventilation.
- Classic Italian-inspired design — subtle grille patterns and neutral finishes in white matte, shiny white and stainless steel, complement any interior style, from contemporary to traditional.



*ComfoGrid Venezia
CLF*



*ComfoGrid Milano
CLF*



*ComfoGrid Bologna
CLF*



*ComfoGrid Venezia
DN125, CLRF/TVA*



*ComfoGrid Milano
DN125, CLRF/TVA*



*ComfoGrid Bologna
DN125, CLRF/TVA*

Flexibility

Several grilles in the Classic Line — specifically ComfoGrid CLD, and CLD Wide — use the two-pin mounting system, designed for compatibility with the corresponding ComfoCase housings (CLD, CLD Wide). While ComfoGrid TVA and CLRF utilise one-pin system.

These systems provides quick and secure installation, precise alignment, reliable fixing even on imperfect surfaces, and consistent handling across the entire product family.

The result is a mounting approach that feels familiar to installers while ensuring clean, professional results on walls, ceilings, and floors.

Fixation

Frame with clamps



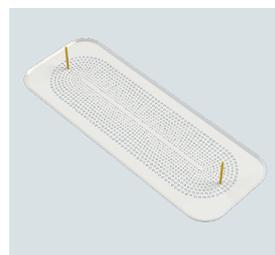
CLF

Two-pin system



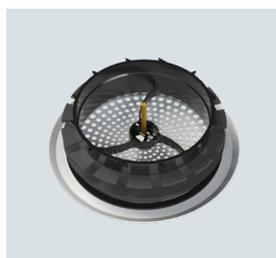
CLD

Two-pin system



CLD wide

One-pin system



Milano and Bologna

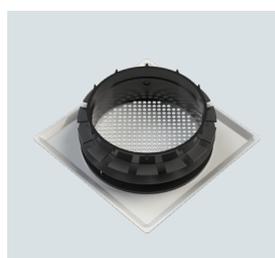
Socket fixing



CLRF/TVA (Current)

For round ComfoGrid Venezia

Socket fixing



CLRF/TVA (Current)

For square ComfoGrid Venezia

New CLRF/TVA socket fixing:

- One welding pin fixing – faster, more cost-efficient installation
- No glue – easier maintenance and recycling
- 30% recycled polymer – reduced environmental impact
- No glass fiber – improves recyclability

ComfoGrid Cross-bracing floor insert

Optional:

For floor mounting, an extra stabilization cross is available for CLF grids. This support cross is required for loads higher than 35 kg.

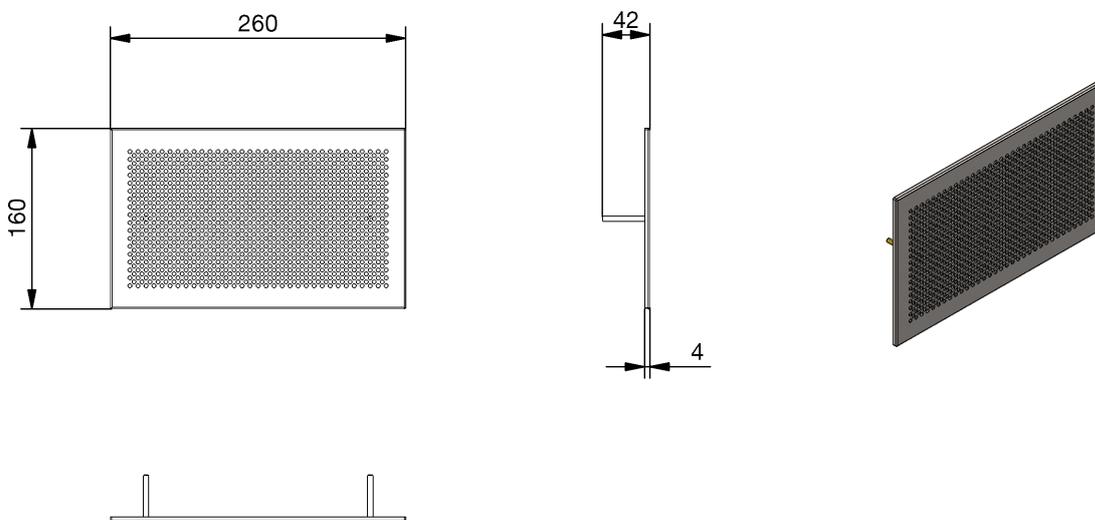


Technical data

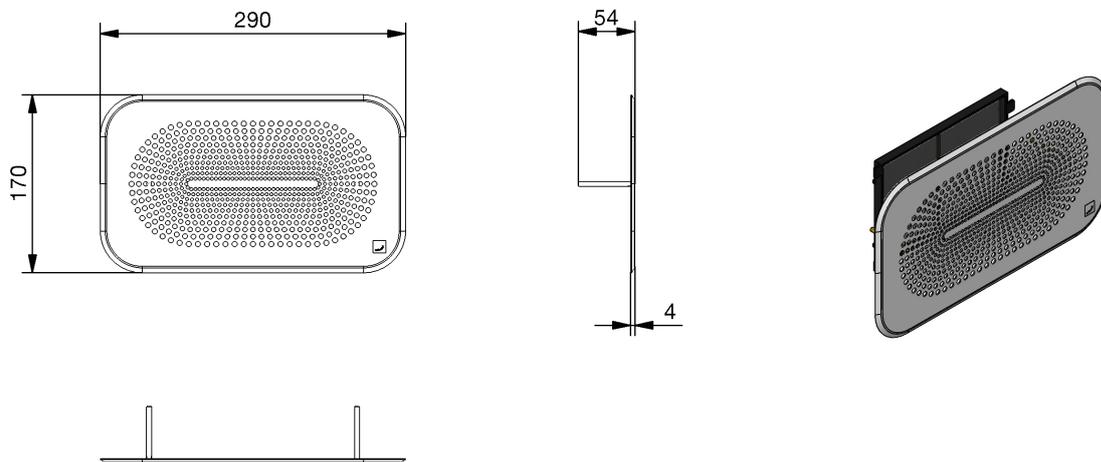
Zehnder ComfoGrid CLD			
	ComfoGrid Venezia	ComfoGrid Milano	ComfoGrid Bologna
Dimensions	260x160 mm	290x170 mm	260x160 mm
Free cross-section	43%	29%	43%
Air duct housing	ComfoCase CLD		
Surface (white version)	White (RAL9016), glossy, powder-coated	White (RAL9016), matt, powder-coated	
Material (white version)	Galvanised sheet steel		
Surface (stainless steel version)	Satin-finished stainless steel		
Material (stainless steel version)	Stainless steel		

Dimensional sketches

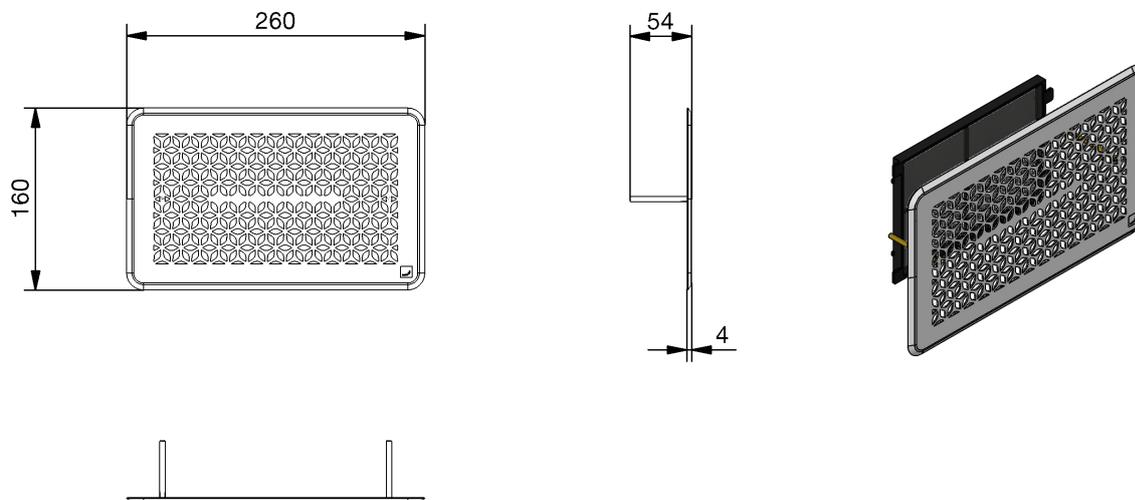
ComfoGrid Venezia (CLD)



ComfoGrid Milano (CLD)

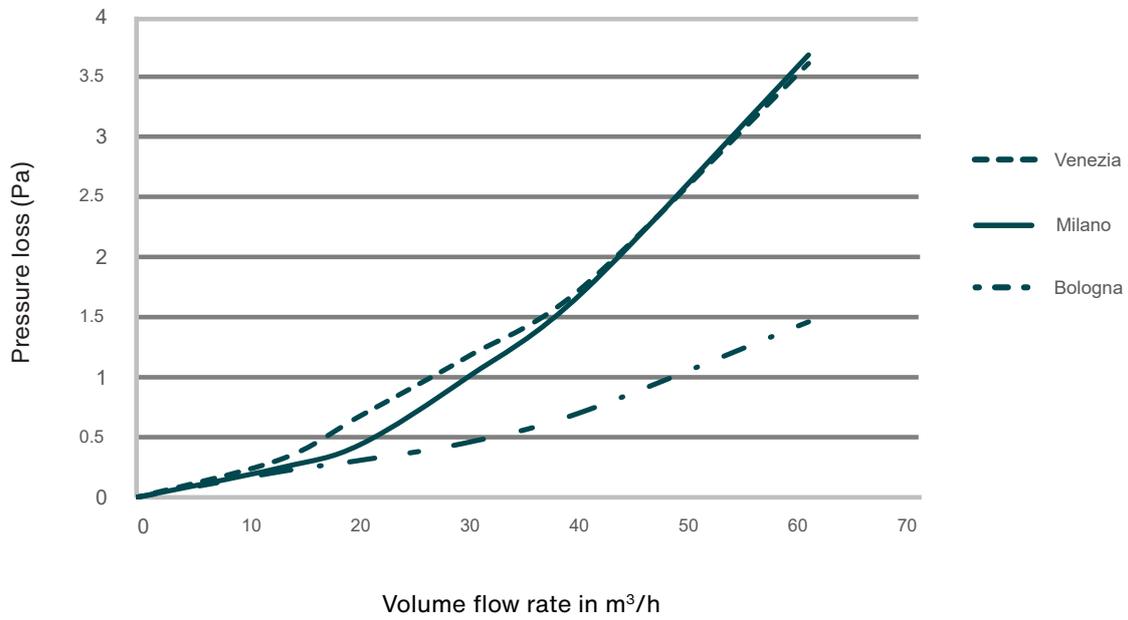


ComfoGrid Bologna (CLD)

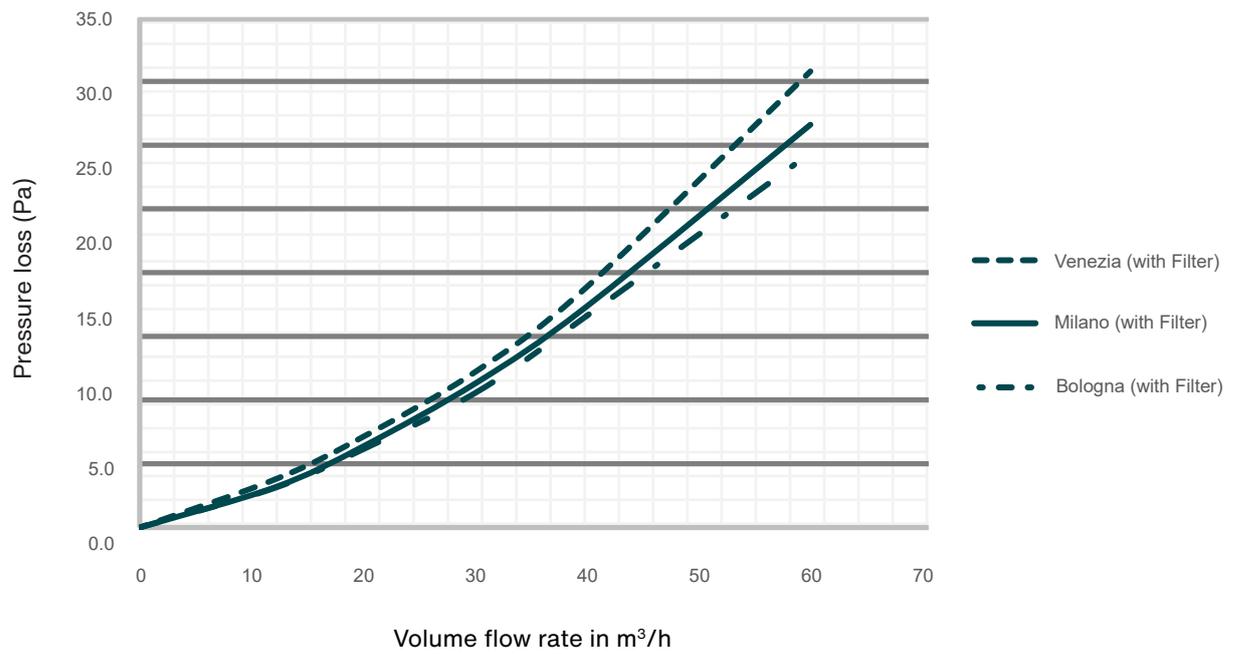


Performance data

Pressure loss CLD Supply air



Pressure loss CLD extract air

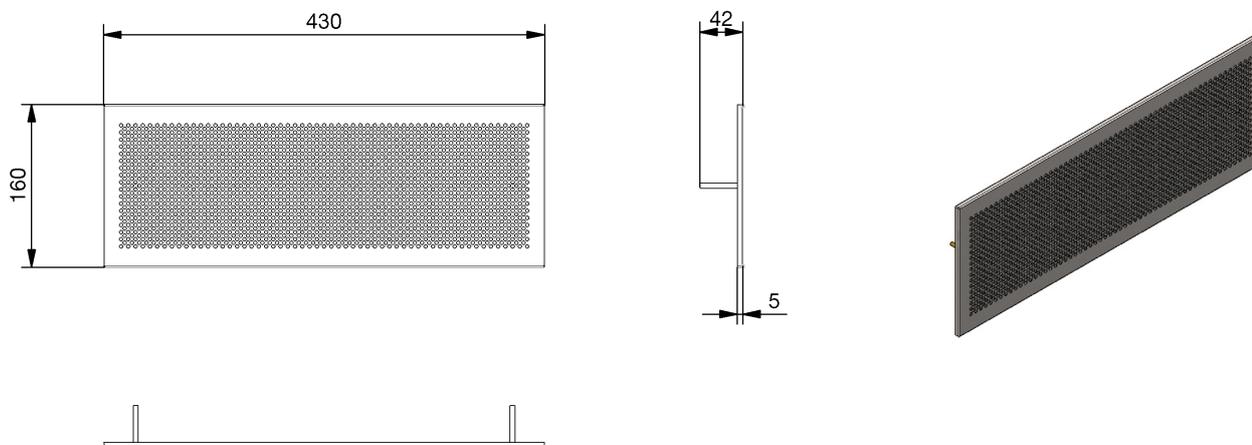


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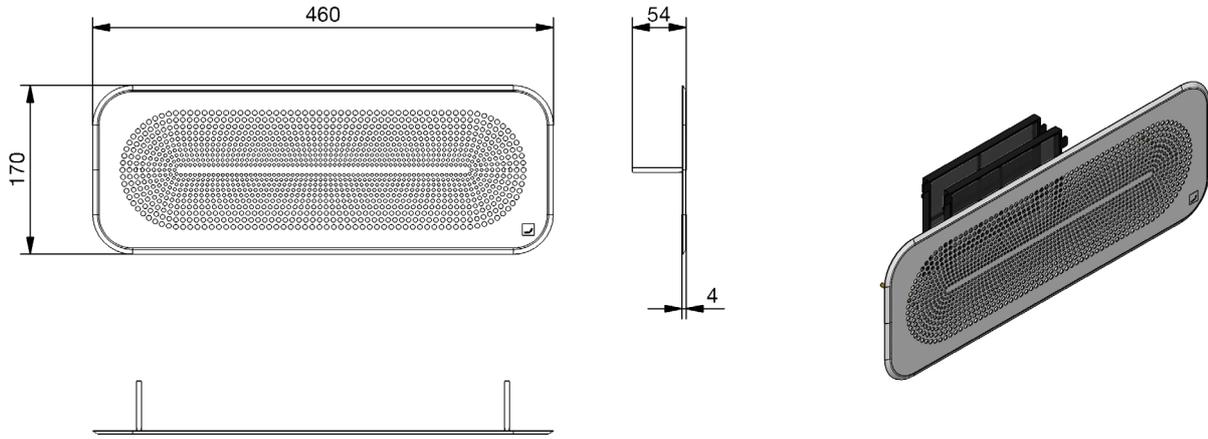
Zehnder ComfoGrid CLD wide			
	ComfoGrid Venezia	ComfoGrid Milano	ComfoGrid Bologna
Dimensions	430x160 mm	460x170 mm	430x160 mm
Free cross-section	39%	31%	42%
Air duct housing	ComfoCase CLD wide		
Surface (white version)	White (RAL9016), glossy, powder-coated	White (RAL9016), matt, powder-coated	
Material (white version)	Galvanised sheet steel		
Surface (stainless steel version)	Satin-finished stainless steel		
Material (stainless steel version)	Stainless steel		

Dimensional sketches

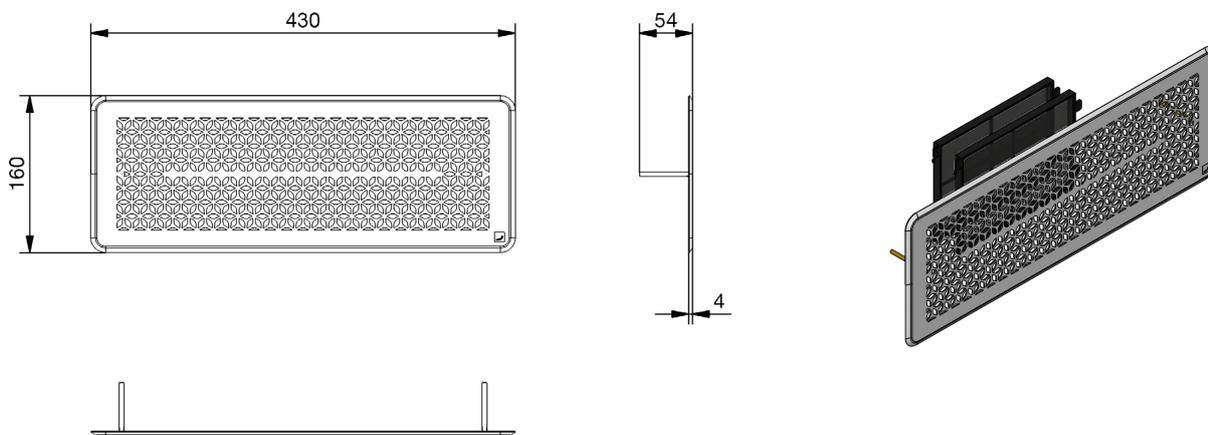
ComfoGrid Venezia (CLD wide)



ComfoGrid Milano (CLD wide)

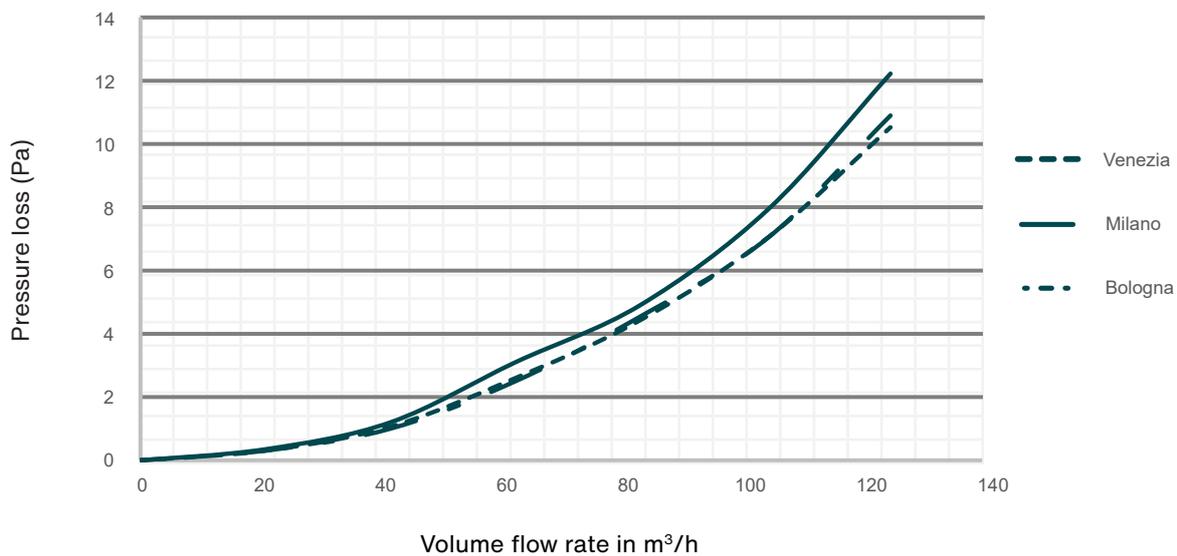


ComfoGrid Bologna (CLD wide)

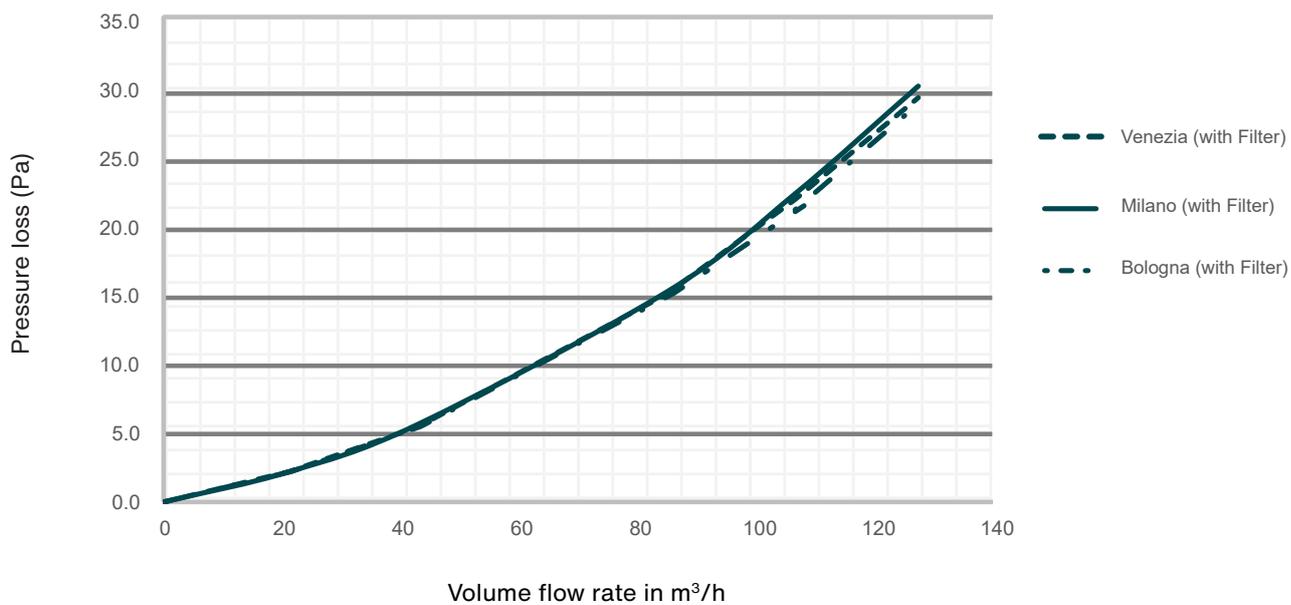


Performance data

Pressure loss CLD wide Supply air



Pressure loss CLD wide Extract air

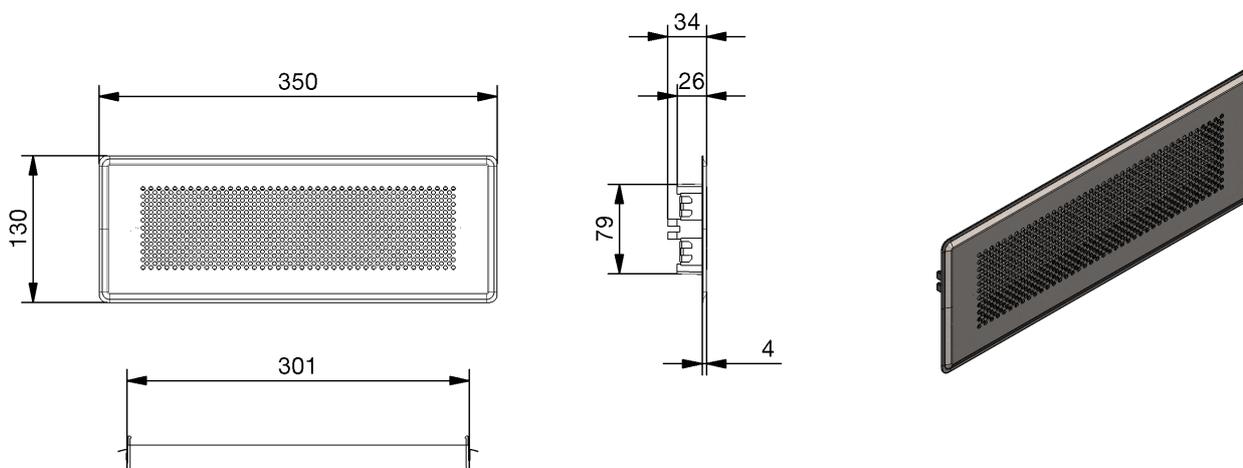


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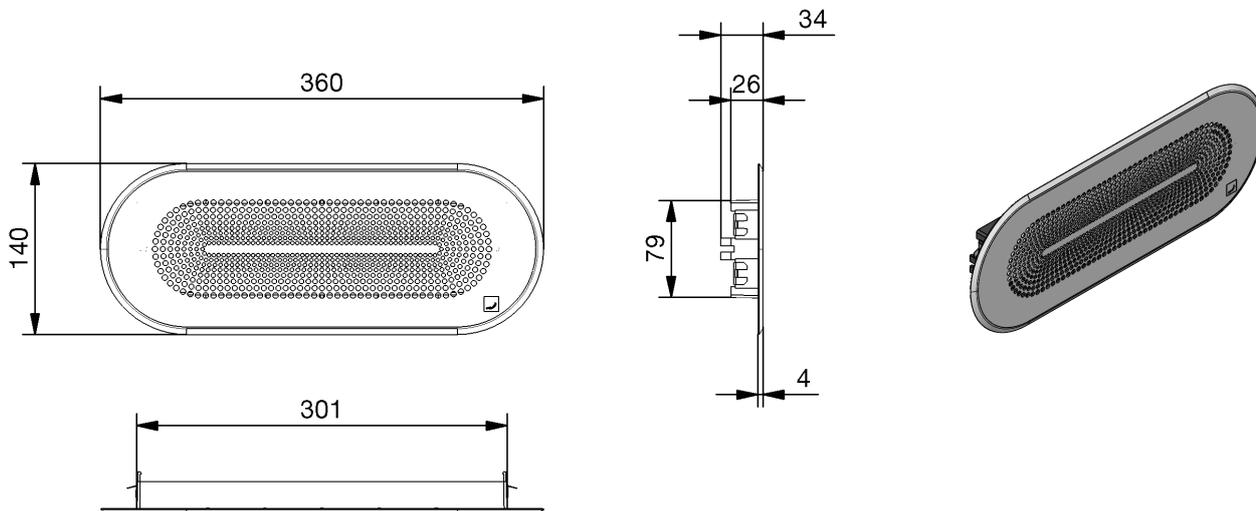
Zehnder ComfoGrid CLF			
	ComfoGrid Venezia	ComfoGrid Milano	ComfoGrid Bologna
Dimensions	350x130 mm	360x140 mm	340x130 mm
Free cross-section	38%	36%	44%
Air duct housing	ComfoCase CLF		
Surface (white version)	White (RAL9016), glossy, powder-coated	White (RAL9016), matt, powder-coated	
Material (white version)	Galvanised sheet steel		
Surface (stainless steel version)	Satin-finished stainless steel		
Material (stainless steel version)	Stainless steel		

Dimensional sketches

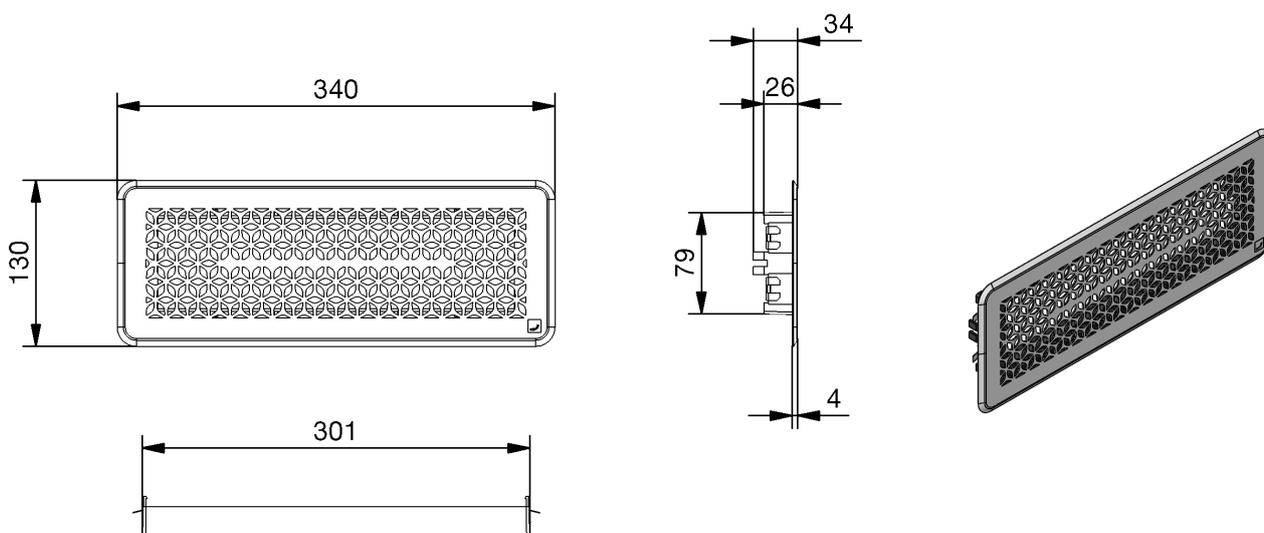
ComfoGrid Venezia (CLF)



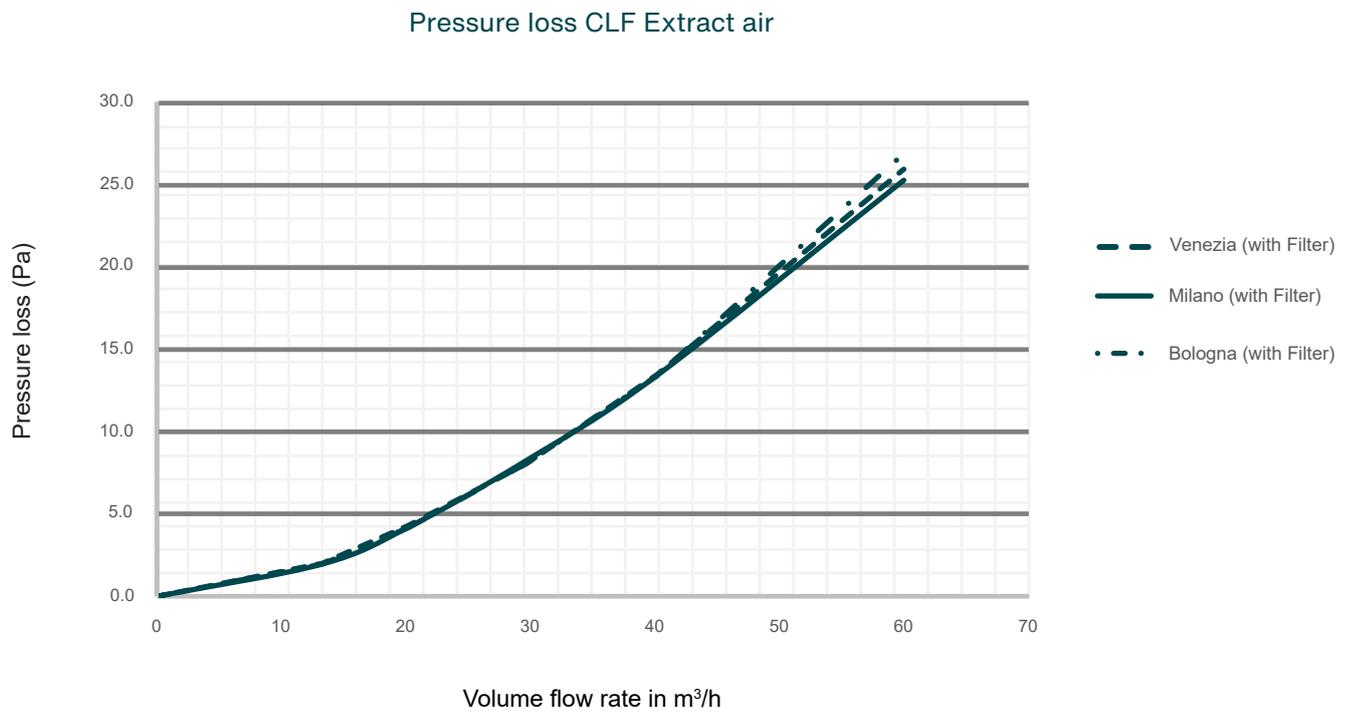
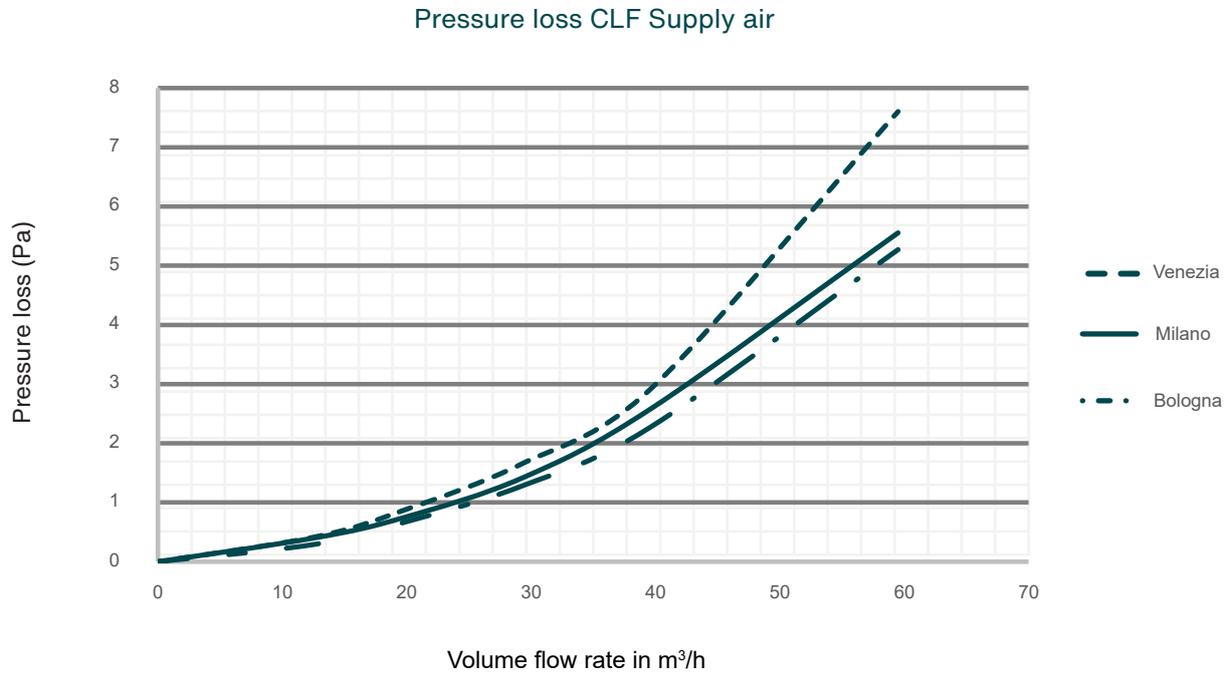
ComfoGrid Milano (CLF)



ComfoGrid Bologna (CLF)



Performance data

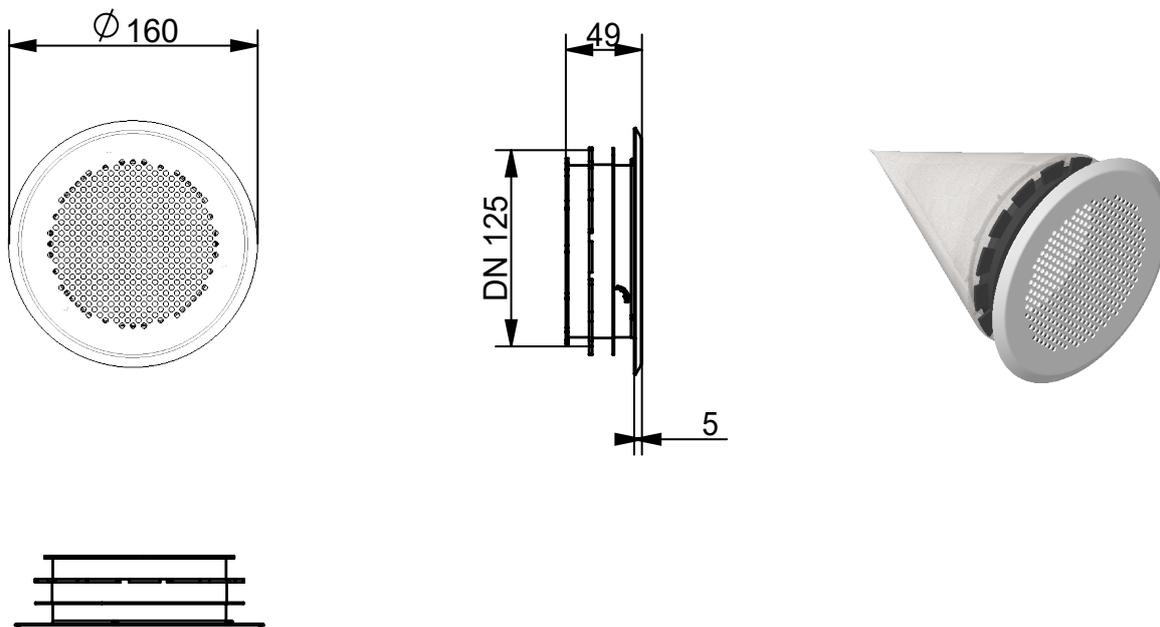


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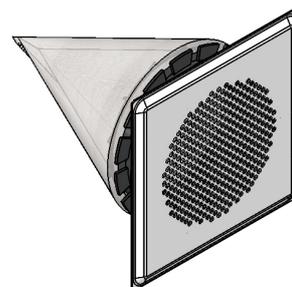
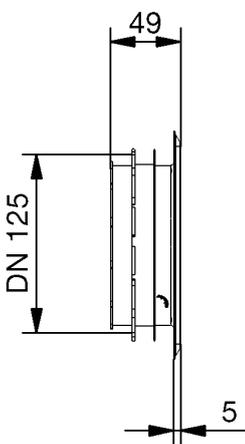
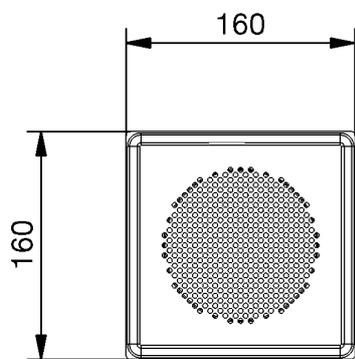
Zehnder ComfoGrid CLRF/TVA			
	ComfoGrid Venezia	ComfoGrid Milano	ComfoGrid Bologna
Dimensions	Ø 160 mm / 160x160 mm	Ø 160 mm	
Shape	Round / Square	Round	
Free cross-section	29%	32%	37%
Air duct housing	ComfoCase CLRF/TVA		
Surface (white version)	White (RAL9016), glossy, powder-coated	White (RAL9016), matt, powder-coated	
Material (white version)	Galvanised sheet steel		
Surface (stainless steel version)	Satin-finished stainless steel		
Material (stainless steel version)	Stainless steel		

Dimensional sketches

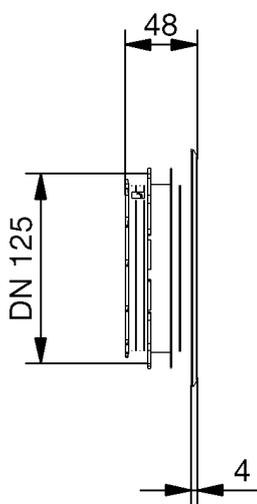
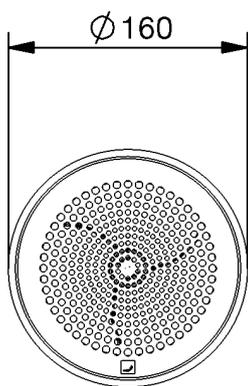
ComfoGrid Venezia (CLRF/TVA)



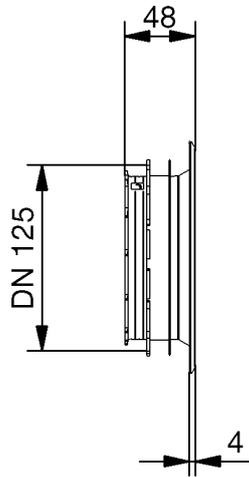
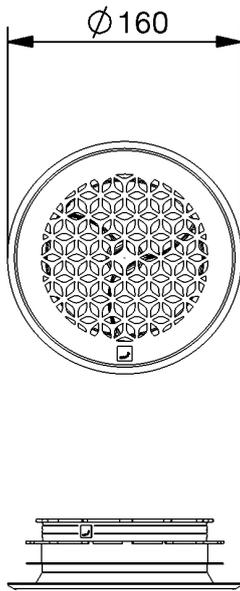
ComfoGrid Venezia (CLRF/TVA)



ComfoGrid Milano (CLRF/TVA)

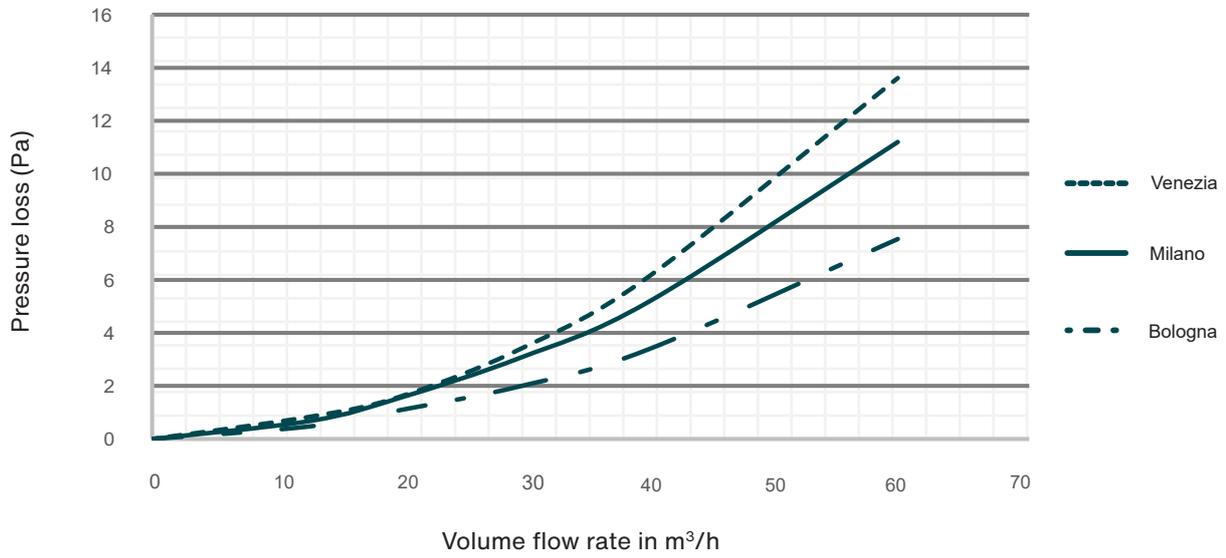


ComfoGrid Bologna (CLRF/TVA)

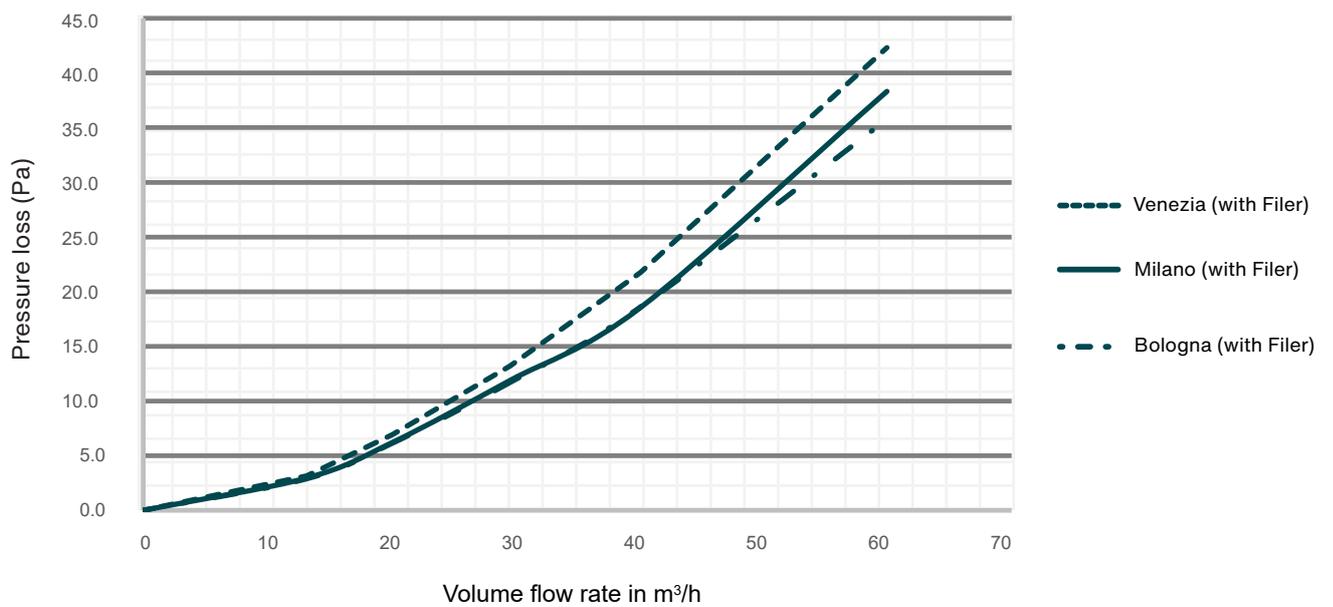


Performance data

Pressure loss CLRF/TVA Supply air



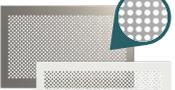
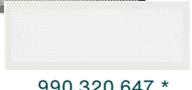
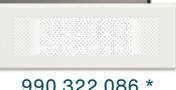
Pressure loss CLRF/TVA Extract air



Article Numbers

Zehnder ComfoGrid decorative grilles	Article number	Article number
	Stainless steel	White
CLD:		
ComfoGrid Venezia	990 320 640	990 320 641*
ComfoGrid Milano***	990 322 305	990 322 304*
ComfoGrid Bologna***	990 322 315	990 322 314*
CLD Wide:		
ComfoGrid Venezia	990 320 648	990 320 647*
ComfoGrid Milano***	990 322 307	990 322 306*
ComfoGrid Bologna***	990 322 317	990 322 316*
CLF:		
ComfoGrid Venezia	990 322 087	990 322 086*
ComfoGrid Milano	990 322 303	990 322 302*
ComfoGrid Bologna	990 322 313	990 322 312*
ComfoGrid Cross-bracing floor insert**	990 322 095**	
CLRF/TVA:		
ComfoGrid Venezia Round***	990 320 780*	990 320 781*
ComfoGrid Venezia Square***	990 322 089*	990 322 090*
ComfoGrid Milano***	990 322 301*	990 322 300*

* Not suitable for floor installatio
 ** For higher loads (more than 35 kg)
 *** Filter included

Overview of decorative grilles: Classic Line					
ComfoCase Airduct housing	CLD	CLD wide	CLF	CLRF	TVA
	ComfoGrid decorative grille				
Classic Line					
ComfoGrid Venezia	990 320 640 	990 320 648 	990 322 087 	990 322 089 * 	990 320 780 * 
	990 320 641 * 	990 320 647 * 	990 322 086 * 	990 322 090 * 	990 320 781 * 
ComfoGrid Milano	990 322 305 	990 322 307 	990 322 303 	990 322 301 * 	
	990 322 304 * 	990 322 306 * 	990 322 302 * 	990 322 300 * 	
ComfoGrid Bologna	990 322 315 	990 322 317 	990 322 313 	990 322 311 * 	
	990 322 314 * 	990 322 316 * 	990 322 312 * 	990 322 310 * 	

* Not suitable for floor installation

