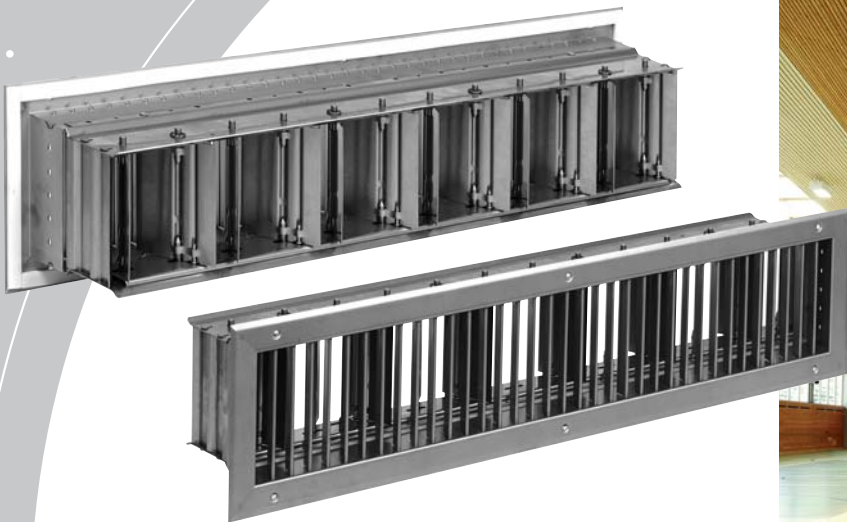


# Diffusion grilles of stainless steel



**TROX**<sup>®</sup> **TECHNIK**  
The art of handling air



# For each application the optimum solution

## Realisation:

### Material

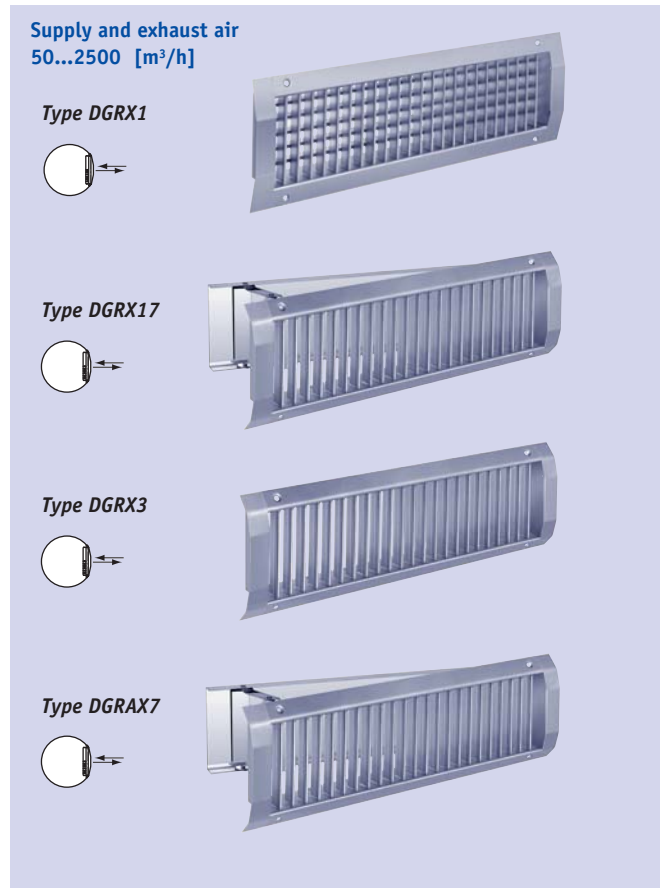
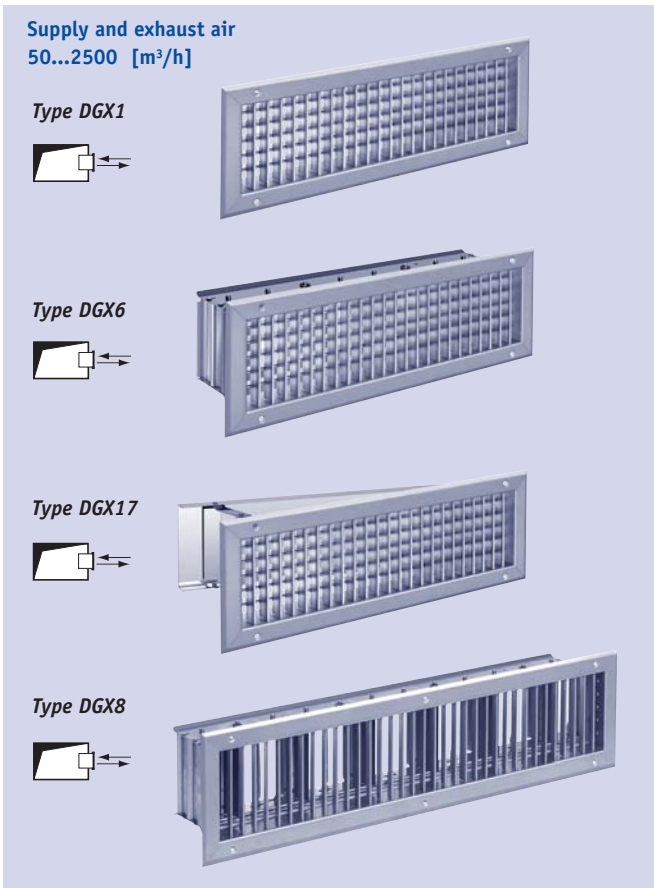
- Grille and opposed blade damper: V4A (AISI 316L), material number 1.4401, 1.4335 and 1.4310
- Foam gasket: good chemical resistance
- Fixing screw: V2A, material number 1.4301 and 1.4305  
Surface: chemically pickled (mat finish)

### Special realisation

- Electropolished
- Types DGX1, DGX3, DGX6 and DGX8 in ranges
- Screwless mounting

Individually adjustable blades influence the air flow in length and width.

All models are available also in steel and aluminium.



Nominal length B [mm]	ZL			H			AL			ZL			H			AL		
	[m <sup>3</sup> /h]	[mm]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]	[mm]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]	[mm]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]	[mm]	[m <sup>3</sup> /h]	[mm]	[m <sup>3</sup> /h]	[mm]	[m <sup>3</sup> /h]		
500	208	50	243	417	100	487	625	150	730									
600	250	50	292	500	100	584	750	150	876	1000	200	1168	1250	250	1460	-	-	
750							938	150	1095	1250	200	1460	1563	250	1825	-	-	

### Base: Directly flowing resp. flowing off

ZL = supply air,  $v_{\text{eff}} = 3.0 \text{ m/s}$ ,  $\Delta p_s = 3.5 \text{ Pa}$   
 AL = exhaust air,  $v_{\text{eff}} = 3.5 \text{ m/s}$ ,  $\Delta p_s = 8 \text{ Pa}$   
 $L_w$  for nominal dimension 600 x 100 mm:  
 $L_{wZL} = 21 \text{ dB(A)}$ ,  $L_{wAL} = 25 \text{ dB(A)}$

### Legend

$v_{\text{eff}}$  = effective velocity of air  
 $\Delta p_s$  = static pressure drop  
 $L_w$  = sound power level

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