

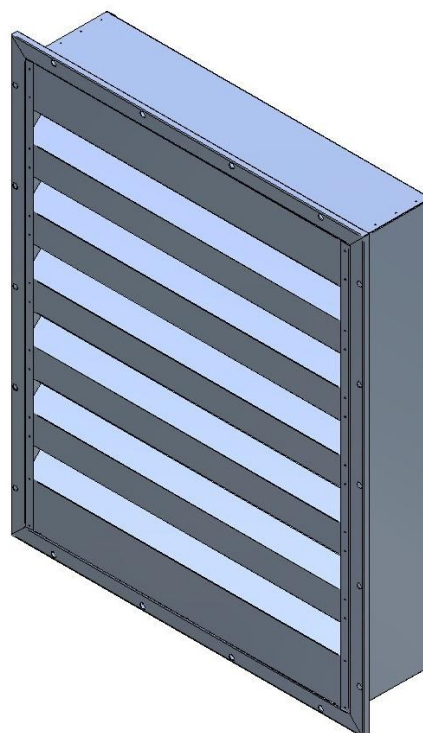
ACOUSTIC LOUVERS

Type NGR

Louvers type NGR are suitable for airinlet and air discharge and are executed with attenuating and anti rain blades. The housing is manufactured from galvanised steel sheet. The blades are manufactured from galvanised steel sheet and hot dipped galvanised steel perforated sheet. Besides that the blades are foreseen with a mineral wool covered with black non-woven glasfiber tissue to protect the material wool. The louvers are standard including birdscreen.

Optional:

- Louvers with a mounting flange
- Special dimensions
- Preservation in RAL colour
- Execution in aluminium and stainless steel



Type	NGR150	NGR300
Thickness (mm)	146	289
H min (mm)	300	300
H max (mm)	3000	3000
W min (mm)	200	200
W max (mm)	3000	3000
Weight (kg/m ²)	41	61

Correction pressureloss													
H	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800
N sleeves	1	2	3	4	5	6	7	8	9	10	11	12	13
Correctiefactor	2,56	1,44	1,14	1	0,92	0,87	0,84	0,81	0,79	0,77	0,76	0,75	0,74

Pressureloss over louver surface													
Airvelocity in m/s.	0,6	0,8	1,0	1,2	1,4	1,6	1,8	2,0	2,2	2,4	2,6	2,8	3,0
NGR150 – Δ P in Pa	20	40	60	85	115	150	190	235	285	-	-	-	-
NGR300 – Δ P in Pa	8	25	40	50	60	95	120	150	180	210	250	290	335

Attenuation								
Frequency (Hz)	63	125	250	500	1k	2k	4k	8k
NGR150 (dB)	5	5	7	9	13	13	12	12
NGR300 (dB)	7	7	9	14	21	23	18	15

