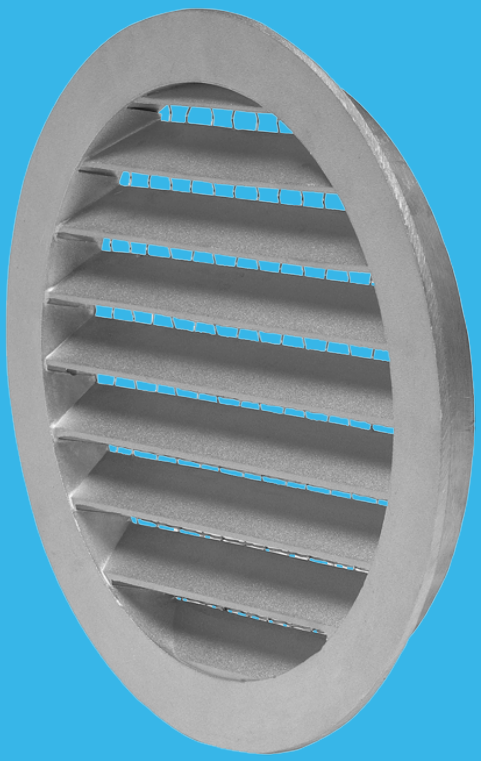


YGC

External wall grille

External wall grille

YGC

Description

Valve for outdoor air intake and extract air discharge.
Designed with a fixed louvre

Ø80–500 is equipped with net. Ø 630–1250 can be delivered with net to order. Mesh width 10×10 mm.

Screws or nails connect to an external wall.
Delivery as standard with bird net.

Maintenance

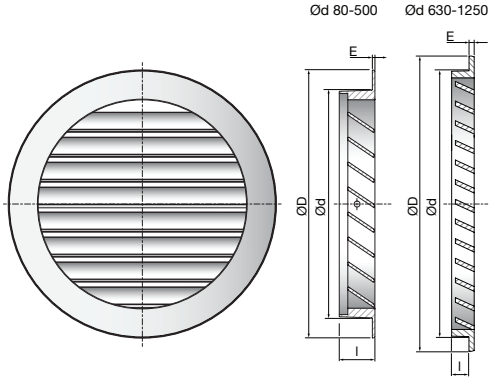
The grille should be removed to gain access to the duct.
The external parts should be wiped with a damp cloth.

Order code

Product	**YGC**	**aaa**
Type		
YGC		
Connection dim. Ød		
Ød 80 - 1250		

Example: YGC-160

Min. - max. dimensions



Ød nom		ØD [mm]	l [mm]	E [mm]	A_f (m^2)	Weight [kg]
80	*	98	10,0	3,5	0,003	0,10
100	*	123	19,5	2,5	0,006	0,13
125	*	149	19,5	2,5	0,009	0,18
150	*	173	19,5	2,5	0,013	0,23
160	*	183	19,0	3,0	0,015	0,27
200	*	223	19,0	3,0	0,024	0,47
250	*	273	21,5	3,5	0,038	0,70
315	*	338	21,0	4,0	0,063	1,09
400	*	440	34,0	6,5	0,079	3,00
500	*	545	34,0	6,5	0,118	5,50
630		660	50,5	6,5	0,187	8,80
710		740	50,5	1,5	0,235	10,8
800		830	50,5	1,5	0,300	14,6
1000		1030	50,5	1,5	0,470	21,0
1250		1280	50,5	1,5	0,740	35,0

* The grill has 2 × Ø 4,2 mm screw holes on the side for mounting.

Ød > 500 mm, no pre-drilled holes for mounting.

A_f (m^2) = Free area

Materials and finish

Grille:	Ø80-500	Cast uminium
Grille:	Ø630-1250	Galvanised steel

Standard finish: Untreated

Can be supplied powder-coated. Contact Lindab's sales department for further information.

External wall grille YGC

Technical data

Capacity

Air flow rate q_v [l/s] and [m³/h], total pressure drop, Δp_t [Pa], can be seen in the diagrams.

Sound pressure level in free field (1/4 spherical)

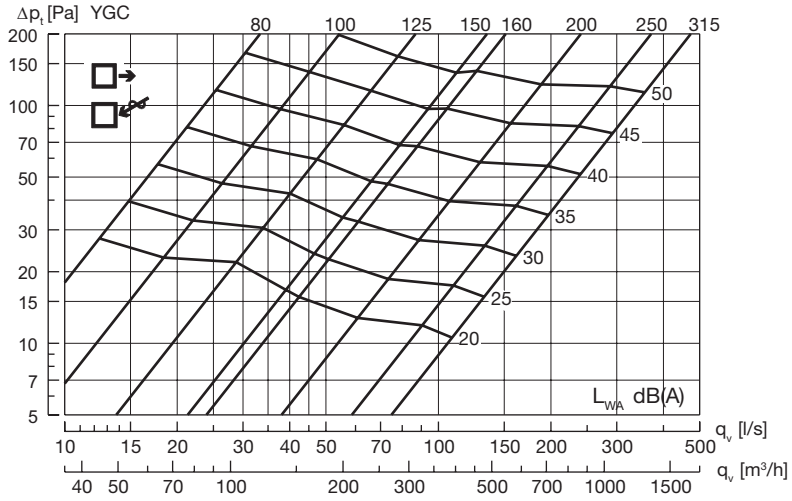
Sound power level L_{WA} [dB(A)] can be seen in the diagrams.

For sound pressure level at distance X [m]:

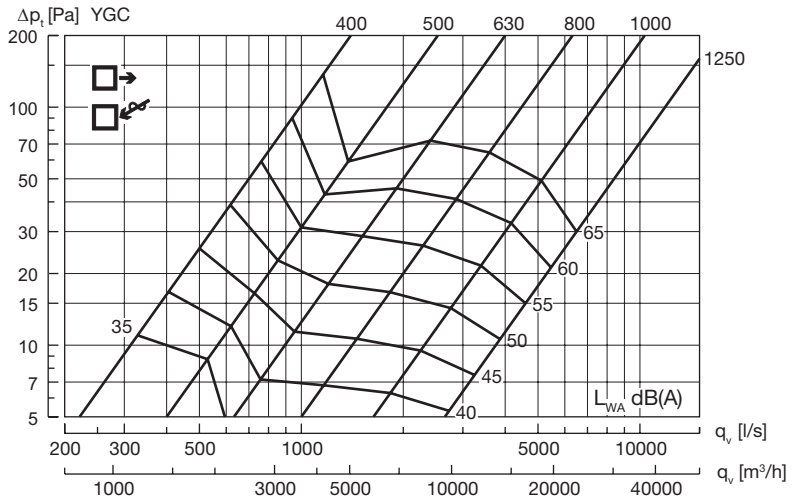
$L_{pA} = L_{WA}$ - K, see table below

X [m]	1	2	3	4	5	10	20
K [dB]	-5	-12	-15	-17	-19	-25	-30

YGC 80–315



YGC 400–1250



Good Thinking

At Lindab, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do that by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

We simplify construction