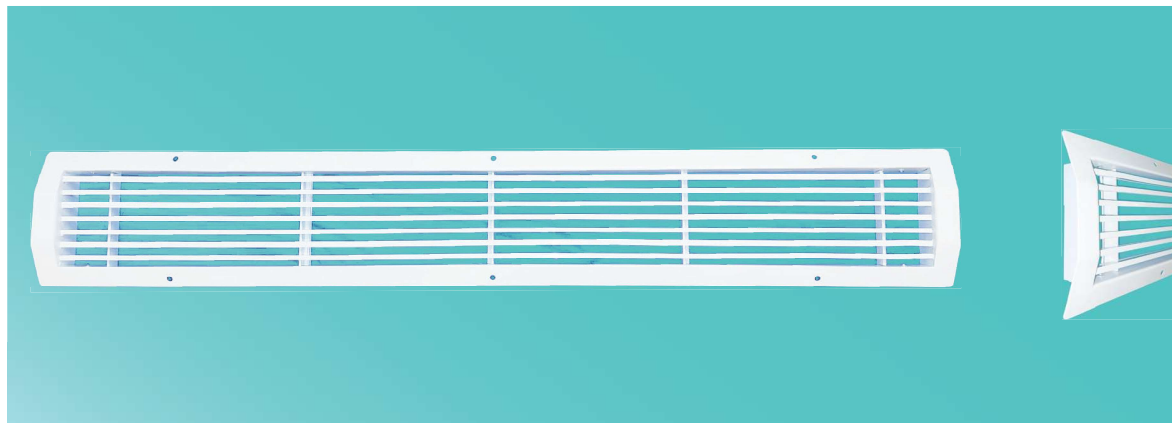


GRILLE A BARRES FRONTALES FIXES POUR GAINES RONDES

LBG-R

LINEAR BARS GRILLE FOR ROUND DUCTS



AVANTAGES

Les grilles LBG-R sont conçues pour une parfaite installation sur les gaines circulaires de diamètres 160 jusqu'à 800 mm. Ces grilles ont un aspect esthétique qui s'intègre dans la décoration et s'adapte aux besoins architecturaux des espaces. Les ailettes sont en barres rigides d'aluminium extrudé résistants aux chocs et aux déformations.

Les grilles LBG-R sont utilisées pour le soufflage, la reprise et l'extraction, garantissant ainsi une homogénéité visuelle esthétique à travers la zone.

CARACTERISTIQUES

- Matériaux :
 - Cadre en tôle d'acier galvanisé peint de forte épaisseur avec renforcement aux coins
 - Ailettes en profilés d'aluminium extrudé
 - Les ailettes sont construites en forme aérodynamique pour réduire les pertes de charges et les nuisances sonores
- Accès au registre de réglage OBD sans le démontage de la grille
- Finition : aluminium laqué blanc RAL 9016
- Fixation : par vis
- Montage : sur gaine circulaire ou spirale

APPLICATIONS

Soufflage, reprise et extraction.

DESIGNATION

LBG-R LxH

LBG-R : grilles à barres frontales fixes pour gaines circulaires
LxH : Longueur x Hauteur

FEATURES

LBG-R are designed for installation on round section ducts with diameters from 160 to 800 mm. These grilles have an esthetical design that makes them easy to incorporate into the space decoration.

The bars are made of rigid extruded aluminum bars resistant to both chocks and deformations.

The multiple applications of LBG-R (supply return or exhaust) ensure esthetical visual homogeneity throughout the zone.

SPECIFICATIONS

- Materials :
 - Frames made of rigid, heavy gauge galvaanized steel sheet with reinforced corners
 - Blades made of extruded aluminum profiles
 - blades are airfoil shaped to reduce head loss and attenuate noise emission
- OBD damper can be adjusted without removing the grille.
- Finishing: powder coated aluminum white color RAL 9016
- Mounting: with screws
- Installati on: on round or spiral ducts

APPLICATIONS

Air supply, return and exhaust.

MODEL NAME DESCRIPTION

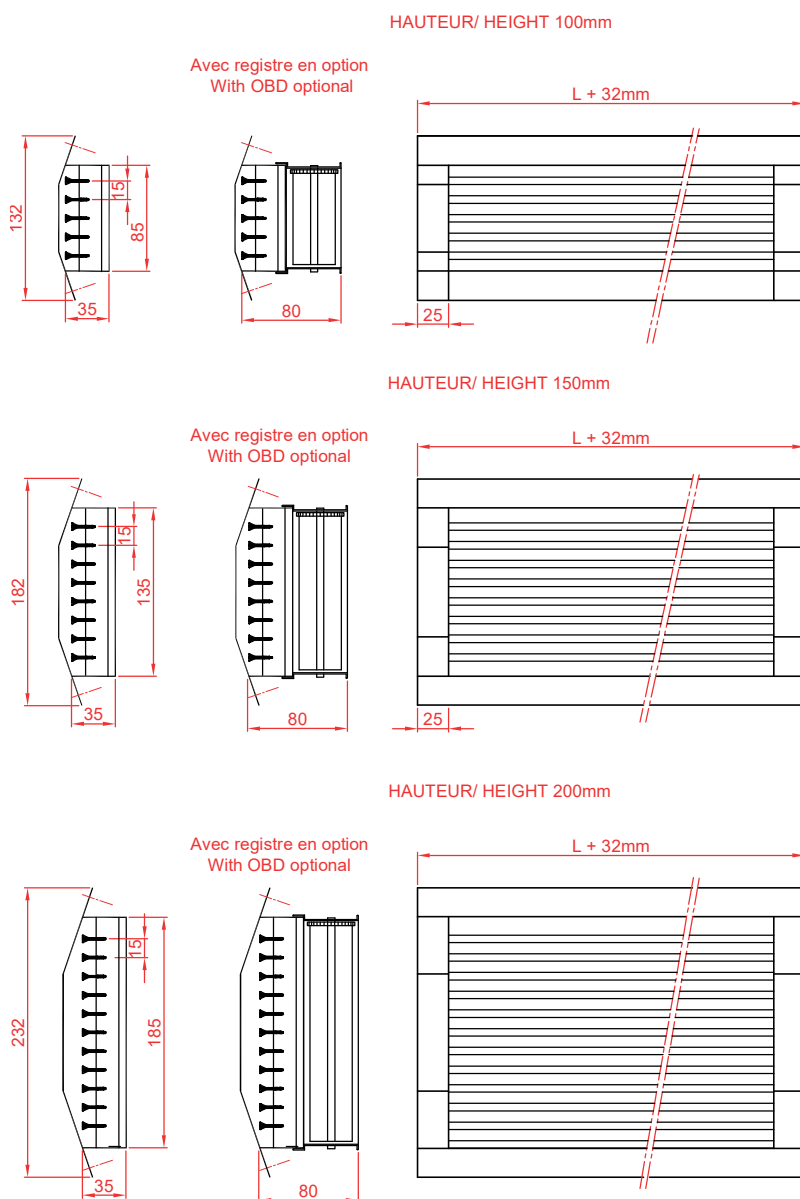
LBG-R LxH

LBG-R : Fixed bar grilles for round ducts
LxH : Length x Height



DIMENSIONS

DIMENSIONS



Notes:

- Dimensions de réservation : LxH
- Dimensions spéciales fabriquées sur demande
- Plenum non inclus
- Dimensions peuvent être modifiées sans préavis

Notes:

- Opening: LxH
- Special sizes are manufactured on request
- Plenum box not included
- Dimensions subject to change without prior notice

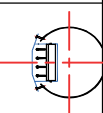
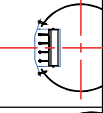
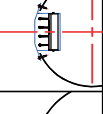
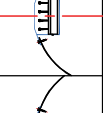
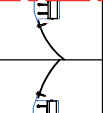
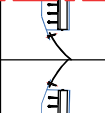
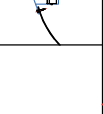
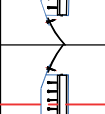
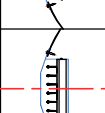
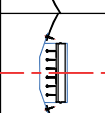
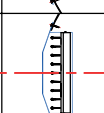
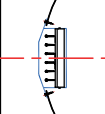
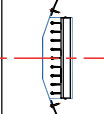
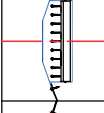
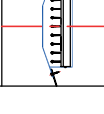
Diamètre de la gaine/ Duct diameter (mm)	Hauteur nominale de la grille/ Grille nominal height (mm)		
	H=100	H=150	H=200
Ø 160			
Ø 200			
Ø 250			
Ø 315			
Ø 355			
Ø 400			
Ø 450			
Ø 500			
Ø 560			
Ø 630			
Ø 710			
Ø 800			

TABLEAU DE SELECTION RAPIDE
QUICK SELECTION TABLE

Débit Flow Rate (m ³ /h) (l/s)		Dim Equi	600x100	800x100	600x150	800x150 600x200	1000x150 800x200	1000x200
		A _x	0.024	0.0370	0.0500	0.0630	0.0820	0.1080
100	27,8	X	2.3	1.9	1.6			
		P	0.8	0.3	0.2			
		NR	-	-	-			
		V	1.2	0.8	0.6			
120	33,4	X	2.8	2.2	1.9			
		P	1.1	0.5	0.3			
		NR	-	-	-			
		V	1.4	0.9	0.7			
160	44,5	X	3.7	3.0	2.6			
		P	2.0	0.8	0.5			
		NR	-	-	-			
		V	1.9	1.2	0.9			
200	55,6	X	4.6	3.7	3.2	2.8		
		P	3.1	1.3	0.7	0.5		
		NR	10	-	-	-		
		V	2.3	1.5	1.1	0.9		
250	69,5	X	5.8	4.6	4.0	3.6	3.1	
		P	4.9	2.0	1.1	0.7	0.4	
		NR	16	7	-	-	-	
		V	2.9	1.9	1.4	1.1	0.8	
300	83,4	X	6.9	5.6	4.8	4.3	3.7	3.3
		P	7.0	2.9	1.6	1.0	0.6	0.3
		NR	21	11	-	-	-	-
		V	3.5	2.3	1.7	1.3	1.0	0.8
350	97,3	X	8.1	6.5	5.6	5.0	4.4	3.8
		P	9.5	4.0	2.2	1.4	0.8	0.5
		NR	25	15	9	-	-	-
		V	4.1	2.6	1.9	1.5	1.2	0.9
400	111,2	X	9.2	7.4	6.4	5.7	5.0	4.3
		P	12.4	5.2	2.9	1.8	1.1	0.6
		NR	28	19	12	8	-	-
		V	4.6	3.0	2.2	1.8	1.4	1.0
450	125,0	X	10.4	8.3	7.2	6.4	5.6	4.9
		P	15.7	6.6	3.6	2.3	1.3	0.8
		NR	31	22	15	11	5	-
		V	5.2	3.4	2.5	2.0	1.5	1.2
500	138,9	X	11.5	9.3	8.0	7.1	6.2	5.4
		P	19.4	8.2	4.5	2.8	1.7	1.0
		NR	34	25	18	13	8	-
		V	5.8	3.8	2.8	2.2	1.7	1.3
600	166,7	X	13.8	11.1	9.6	8.5	7.5	6.5
		P	28.0	11.8	6.4	4.1	2.4	1.4
		NR	38	29	23	18	12	6
		V	6.9	4.5	3.3	2.6	2.0	1.5
700	194,5	X	16.1	13.0	11.2	9.9	8.7	7.6
		P	38.1	16.0	8.8	5.5	3.3	1.9
		NR	42	33	27	22	16	10
		V	8.1	5.3	3.9	3.1	2.4	1.8
800	222,3	X	18.4	14.8	12.8	11.4	10.0	8.7
		P	49.7	20.9	11.5	7.2	4.3	2.5
		NR	46	37	30	25	20	14
		V	9.3	6.0	4.4	3.5	2.7	2.1
900	250,0	X		16.7	14.4	12.8	11.2	9.8
		P		26.5	14.5	9.1	5.4	3.1
		NR		40	33	28	23	17
		V		6.8	5.0	4.0	3.0	2.3
1000	277,8	X		18.5	15.9	14.2	12.5	10.9
		P		32.7	17.9	11.3	6.7	3.8
		NR		42	36	31	25	20
		V		7.5	5.6	4.4	3.4	2.6
1200	333,4	X			19.1	17.1	14.9	13.0
		P			25.8	16.2	9.6	5.5
		NR			41	36	30	24
		V			6.7	5.3	4.1	3.1
1400	388,9	X				19.9	17.4	15.2
		P				22.1	13.0	7.5
		NR				40	34	28
		V				6.2	4.7	3.6