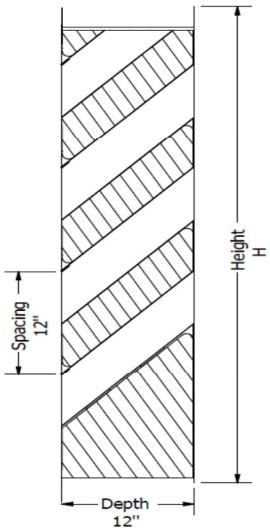
cometal
MÉCANIQUE ARCHITECTURE

Persiennes fixes série 1000 — MODÈLE 1612-45AC

Fiche technique — Lame acoustique de 12’’

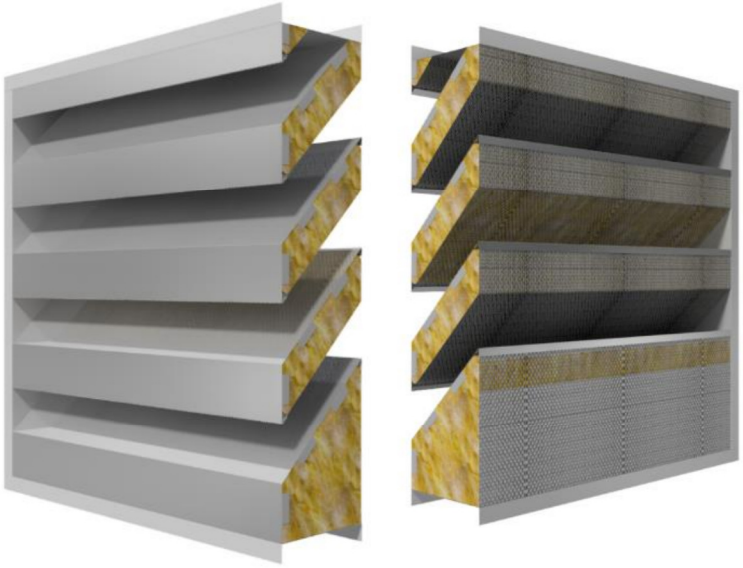
Performances (pour une persienne de 1219 x 1219 mm)	
Pourcentage d’air libre	25.4%
Surface d’air libre	4.06 pi² (0.38 m²)

Spécifications standard	
Matériel	Aluminium 6063-T5
Profondeur	304.80 mm (12’’)
Épaisseur de la lame	101.6 mm (4’’)
Épaisseur du cadre en “L”	2.06 mm (0.081’’)
Épaisseur du cadre en “C’’	1.83 mm (0.072’’)
Angle des lames	45°
Centre en centre des lames	304.80 mm (12’’)
Grillage	Aluminium perforé
Fini	Aluminium Naturel
Montage	Mécanique
Quincaillerie	Acier zingué
Poids approximatif	7.86 lb/pi²



Surface Libre pi² (m²)

Hauteur de la persienne [po (m)]	Largeur de la persienne [po (m)]										
	12 (0.30)	18 (0.46)	24 (0.61)	30 (0.76)	36 (0.91)	42 (1.07)	48 (1.22)	54 (1.37)	60 (1.52)	66 (1.68)	72 (1.83)
12 (0.30)	-	-	-	-	-	-	-	-	-	-	-
18 (0.46)	0.3 (0.02)	0.46 (0.04)	0.63 (0.05)	0.8 (0.07)	0.96 (0.08)	1.13 (0.1)	1.29 (0.12)	1.46 (0.13)	1.63 (0.15)	1.79 (0.16)	1.96 (0.18)
24 (0.61)	0.45 (0.04)	0.7 (0.06)	0.95 (0.08)	1.2 (0.11)	1.44 (0.13)	1.69 (0.15)	1.94 (0.18)	2.19 (0.2)	2.44 (0.22)	2.69 (0.25)	2.94 (0.27)
30 (0.76)	0.6 (0.05)	0.93 (0.08)	1.26 (0.11)	1.6 (0.14)	1.93 (0.17)	2.26 (0.21)	2.59 (0.24)	2.93 (0.27)	3.26 (0.3)	3.59 (0.33)	3.93 (0.36)
36 (0.91)	0.6 (0.05)	0.93 (0.08)	1.26 (0.11)	1.6 (0.14)	1.93 (0.17)	2.26 (0.21)	2.59 (0.24)	2.93 (0.27)	3.26 (0.3)	3.59 (0.33)	3.93 (0.36)
42 (1.07)	0.75 (0.06)	1.16 (0.1)	1.58 (0.14)	2 (0.18)	2.41 (0.22)	2.83 (0.26)	3.24 (0.3)	3.66 (0.34)	4.08 (0.37)	4.49 (0.41)	4.91 (0.45)
48 (1.22)	0.9 (0.08)	1.4 (0.13)	1.9 (0.17)	2.4 (0.22)	2.89 (0.26)	3.39 (0.31)	3.89 (0.36)	4.39 (0.4)	4.89 (0.45)	5.39 (0.5)	5.89 (0.54)
54 (1.37)	1.05 (0.09)	1.63 (0.15)	2.21 (0.2)	2.8 (0.26)	3.38 (0.31)	3.96 (0.36)	4.54 (0.42)	5.13 (0.47)	5.71 (0.53)	6.29 (0.58)	6.88 (0.63)
60 (1.52)	1.2 (0.11)	1.86 (0.17)	2.53 (0.23)	3.2 (0.29)	3.86 (0.35)	4.53 (0.42)	5.19 (0.48)	5.86 (0.54)	6.53 (0.6)	7.19 (0.66)	7.86 (0.73)
66 (1.68)	1.27 (0.11)	1.98 (0.18)	2.69 (0.25)	3.4 (0.31)	4.1 (0.38)	4.81 (0.44)	5.52 (0.51)	6.23 (0.57)	6.93 (0.64)	7.64 (0.71)	8.35 (0.77)
72 (1.83)	1.5 (0.13)	2.33 (0.21)	3.16 (0.29)	4 (0.37)	4.83 (0.44)	5.66 (0.52)	6.49 (0.6)	7.33 (0.68)	8.16 (0.75)	8.99 (0.83)	9.83 (0.91)
78 (1.98)	1.57 (0.14)	2.45 (0.22)	3.32 (0.3)	4.2 (0.39)	5.07 (0.47)	5.94 (0.55)	6.82 (0.63)	7.69 (0.71)	8.57 (0.79)	9.44 (0.87)	10.32 (0.95)
84 (2.13)	1.72 (0.16)	2.68 (0.24)	3.64 (0.33)	4.6 (0.42)	5.55 (0.51)	6.51 (0.6)	7.47 (0.69)	8.43 (0.78)	9.38 (0.87)	10.34 (0.96)	11.3 (1.05)



Atténuation (Transmission Loss) – Performances acoustiques

Insonorisation de A vers B (A-B) selon les normes ASTM E336

Fréquence par bande d'octave (Hz)									
63	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**	**dB(A)**	**ASTC**
6	5.3	13	14.1	19.3	22.3	18.8	18	12	13.5

Note : Performance avec laine 2.4lb/pi³, standard.

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