

Material and surface treatment

- Aluminium EN AW-6063 T66 (EN 573-3)
 Profile thickness: min. 1.5 mm
- Finish
 - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

Technical specifications

Reaction to fire

AS-s1,d0 (EN 13501-1)

Fire resistance

Damping material: non-combustible (NEN 6064)

Free area

	Pitch 112	Pitch 150
Visual free area	66 %	74 %
Physical free area	25 %	35 %

Airflow data

- Standard version

EN 13030	Single Bank 112	Single Bank 150	Double Bank 112	Double Bank 150
Ce	0.254	0.295	0.197	0.211
K-factor intake	15.50	11.49	25.77	22.46
Cd	0.253	0.29	0.196	0.193
K-factor exhaust	15.62	11.89	26.03	26.85

- Version '+ options'

EN 13030	Single Bank 112	Single Bank 150	Double Bank 112	Double Bank 150
Ce	0.226	0.252	0.182	0.2
K-factor intake	19.58	15.75	30.19	25.00
Cd	0.231	0.251	0.175	0.175
K-factor exhaust	18.74	15.87	32.65	32.65

Water resistance

- Standard version

EN 13030	Single Bank 112	Single Bank 150	Double Bank 112	Double Bank 150
V = 0 m/s	B	C	A	B
V = 0.5 m/s	C	D	B	B
V = 1 m/s	C	D	C	C
V = 1.5 m/s	D	D	C	C
V = 2 m/s	D	D	D	D
V = 2.5 m/s	D	D	D	D
V = 3 m/s	D	D	D	D
V = 3.5 m/s	D	D	D	D

- Version '+ options'

EN 13030	Single Bank 112	Single Bank 150	Double Bank 112	Double Bank 150
V = 0 m/s	B	B	A	A
V = 0.5 m/s	B	C	A	A
V = 1 m/s	C	C	A	A
V = 1.5 m/s	C	D	B	B
V = 2 m/s	D	D	C	C
V = 2.5 m/s	D	D	D	D
V = 3 m/s	D	D	D	D
V = 3.5 m/s	D	D	D	D

Attenuation value

(in dB)	Single Bank 112	Single Bank 150	Double Bank 112	Double Bank 150
Rw (C;Ctr)	14 (-1;-4)	11 (0;-2)	17 (-1;-4)	15 (-1;-3)
125 Hz	5.5	5.1	6.7	6.0
250 Hz	4.7	4.3	5.1	4.6
500 Hz	7.1	6.2	10.9	9.0
1000 Hz	14.9	12.5	21.8	18.5
2000 Hz	21.2	14.0	34.1	23.7
4000 Hz	17.3	11.9	27.2	20.2

Impact resistance*

Class	Impact from the front Single & Double Bank 112 & 150	Impact from the rear Single & Double Bank 112 & 150
EN 13049	5	5
NF P08-302	H2	C2

* Additional mounting of 2 fall-through protection brackets per blade.

Fall-through protection*

Class	Single & Double Bank 112 & 150
B03-004	A/B/C1-4/D
NEN-EN 1991-1-1	A/B/F/G
BS 6180	XI

* Additional mounting of 2 fall-through protection brackets per blade.