



EBLF

Linear grilles with
horizontal fixed bars without frame

Technical data sheet

Rev.00



EBLF 20/0° – EBLF 20/15°

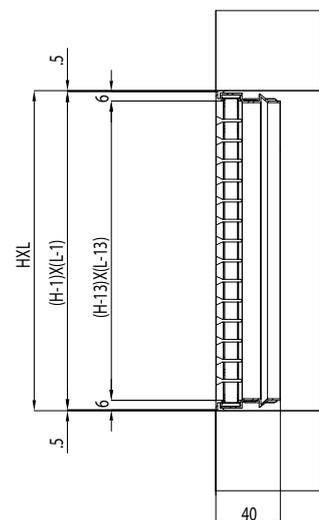
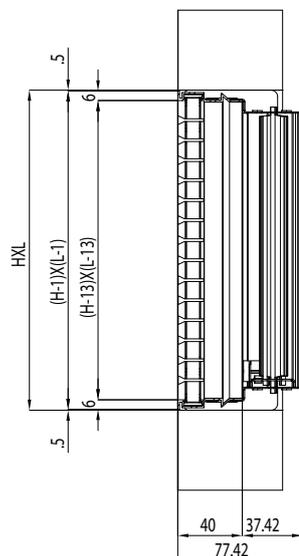
Dimensions LxH	Effective section m ²	Vk 2 m/s		Vk 3 m/s		Vk 4 m/s	
		m ² /h	L1	m ² /h	L1	m ² /h	L1
400x75	0,015	108	2,4	160	3,6	213	4,8
500x75	0,019	197	2,5	201	3,8	268	5,1
600x75	0,022	158	2,6	243	3,9	323	5,2
800x75	0,030	216	2,8	326	4,2	434	5,6
1000x75	0,038	274	2,9	408	4,4	545	5,8
1200x75	0,046	331	3	497	4,5	662	6
400x100	0,020	144	2,6	216	3,8	292	5,1
500x100	0,026	230	3,3	276	4,1	367	5,4
600x100	0,031	281	3,5	332	4,2	443	5,6
800x100	0,041	374	3,8	446	4,4	595	5,9
1000x100	0,052	475	3,9	560	4,7	746	6,2
1200x100	0,062	590	2,6	670	4,8	893	6,4
400x125	0,026	187	2,7	278	4,1	370	5,4
500x125	0,032	230	2,8	350	4,2	467	5,6
600x125	0,039	281	2,9	422	4,4	563	5,9
800x125	0,052	374	3,1	566	4,7	755	6,2
1000x125	0,066	475	3,3	711	4,9	947	6,5
1200x125	0,082	590	3,4	886	5,1	1149	6,9
400x150	0,031	223	2,8	337	4,2	449	5,6
500x150	0,039	281	2,9	424	4,4	566	5,9
600x150	0,047	338	3	512	4,6	682	6,1
800x150	0,064	461	3,2	687	4,9	916	6,5
1000x150	0,080	576	3,4	862	5,1	1149	6,8
1200x150	0,096	691	3,5	1037	5,2	1382	7
400x200	0,042	302	3	455	4,5	607	6
500x200	0,053	380	3,1	573	4,7	764	6,2
600x200	0,064	461	3,2	691	4,9	922	6,5
800x200	0,086	619	3,4	927	5,2	1237	6,9
1000x200	0,108	778	3,6	1164	5,4	1552	7,2
1200x200	0,130	936	3,7	1404	5,6	1872	7,4
400x300	0,064	461	3,2	691	4,9	922	6,3
500x300	0,081	583	3,3	875	5,1	1166	6,6
600x300	0,097	698	3,5	1050	5,3	1400	7
800x300	0,130	936	3,7	1409	5,6	1879	7,5
1000x300	0,164	1181	3,9	1768	5,9	2357	7,8
1200x300	0,198	1426	4,1	2138	6,2	2851	8,3
400x400	0,084	603	3,4	904	5,1	1205	6,9
500x400	0,105	753	3,6	1130	5,4	1507	7,2
600x400	0,126	904	3,7	1356	5,6	1808	7,4
800x400	0,167	1205	3,9	1808	5,9	2411	7,9
1000x400	0,209	1507	4,1	2260	6,2	3013	8,2
1200x400	0,251	1808	7,1	2712	6,4	3616	8,5
Pa		3		7		12	
dB(A)		15 / 20		28 / 32		38 / 42	

Vk (m/s) effective speed
 m²/h air flow rate
 Pa pressure drop

L1(m) data referring to a terminal throw velocity, Vt = 0.25 m/s in ceiling installation (not higher than 3 m);

for longer distances, it needs to correct the throw multiplying it by 0,7
 dB(A) noise level

Dimensions



EBLF 20/0° – EBLF 20/15°

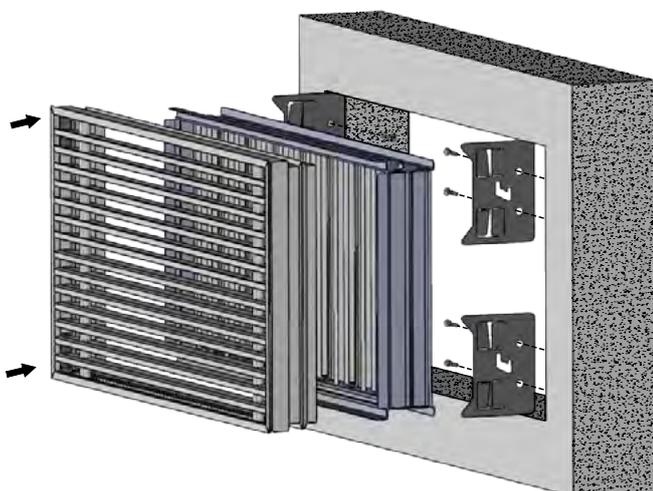
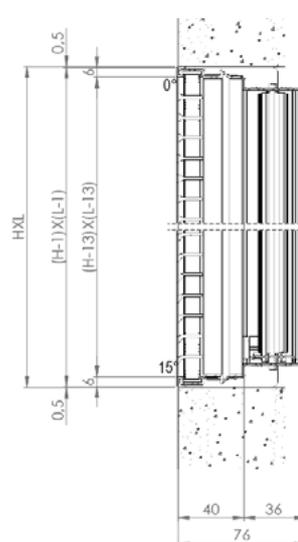
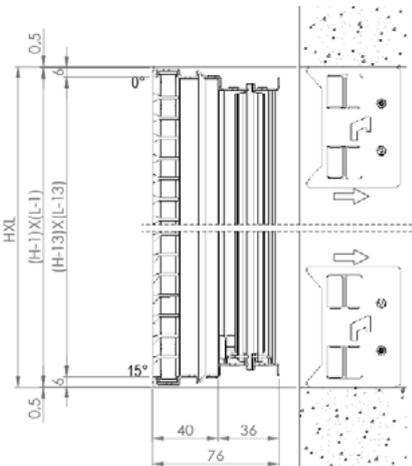
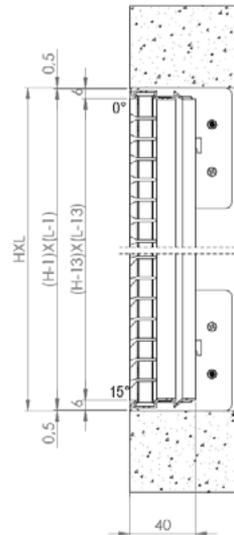
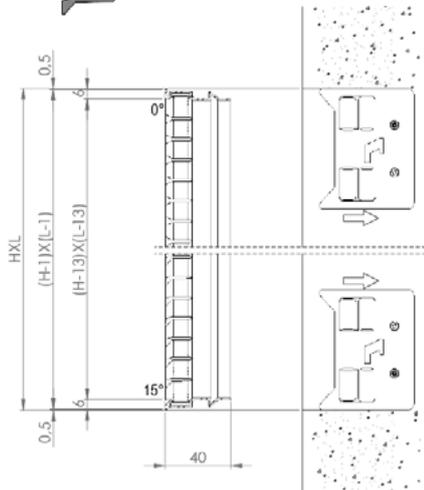
DIMENSIONS WITH AND WITHOUT DAMPER ON MASONRY WALL

For installation you need the fixing kit consisting of 4 brackets, not supplied with the article.
N.B. for installation on a masonry wall, the heights 75 mm, 100 mm are not available

Deflessione 0° / Deflection 0°



Deflessione 15° / Deflection 15°



EBLF MOUNTING INSTRUCTIONS ON MASONRY WALLS

In case of installation on a masonry wall, after the space for the grille installation has been created, the hole will have to be duly grouted with concrete to allow the subsequent installation, and fixing with screws, of the fixing brackets.

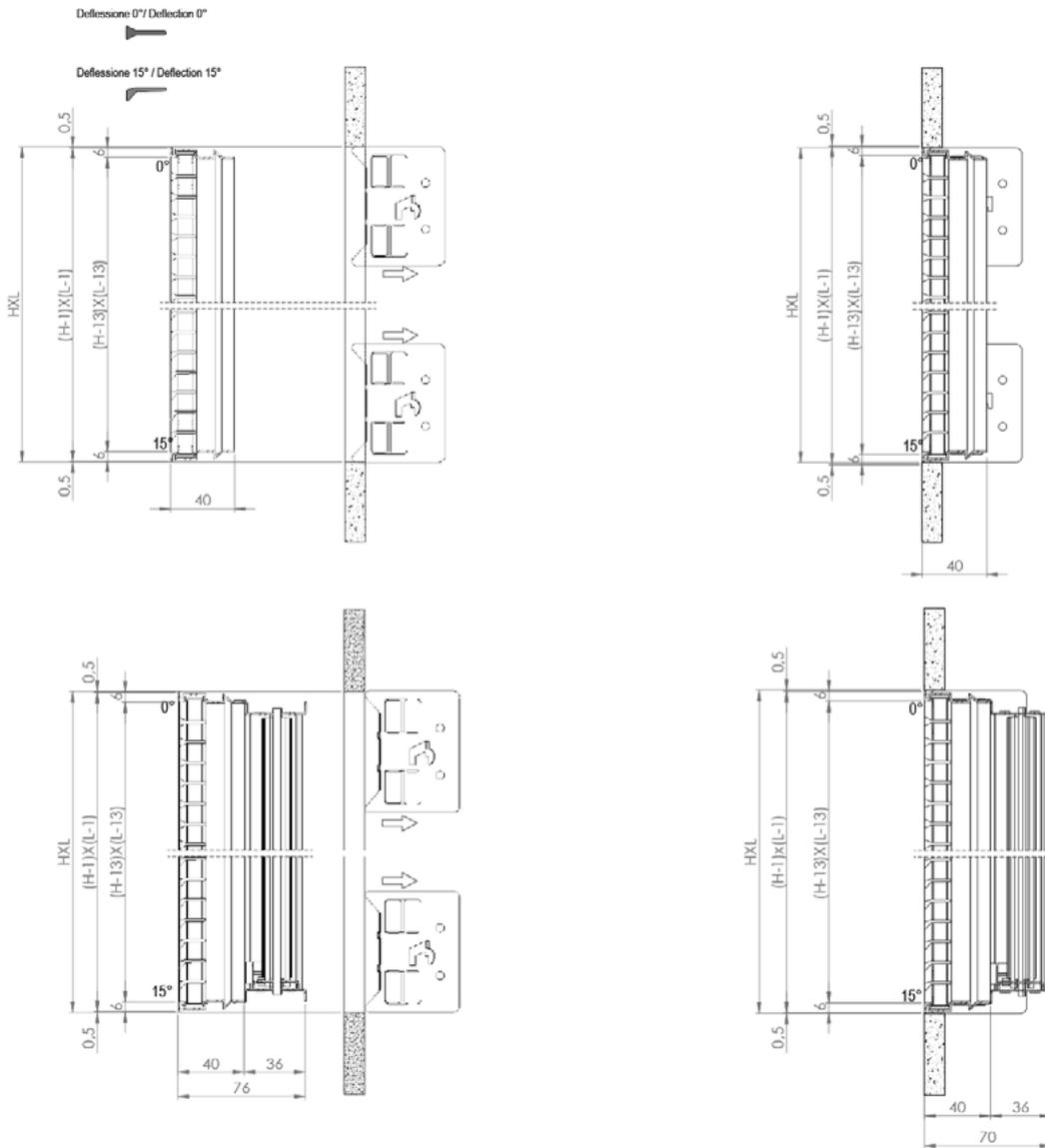
The brackets can be installed either vertically or horizontally, thanks to the fixing profile that is continuously present on the entire side of the grille.

N.B. for installation on a masonry wall, the heights 75 mm, 100 mm are not available.

EBLF 20/0° – EBLF 20/15°

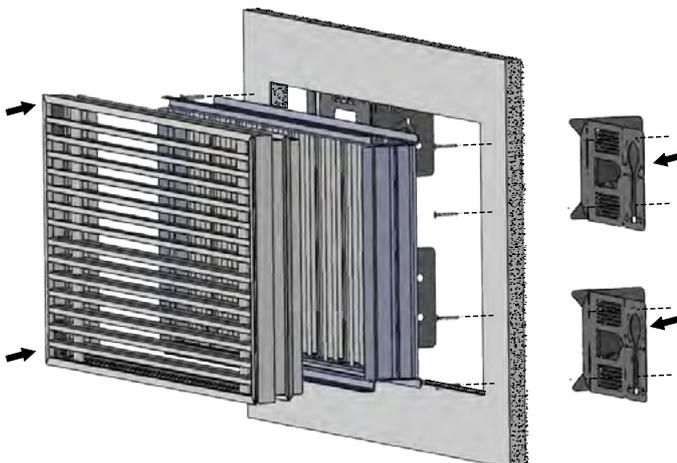
DIMENSIONS WITH AND WITHOUT DAMPER ON PLASTERBOARD WALL

For installation you need the fixing kit consisting of 4 brackets, not supplied with the article.

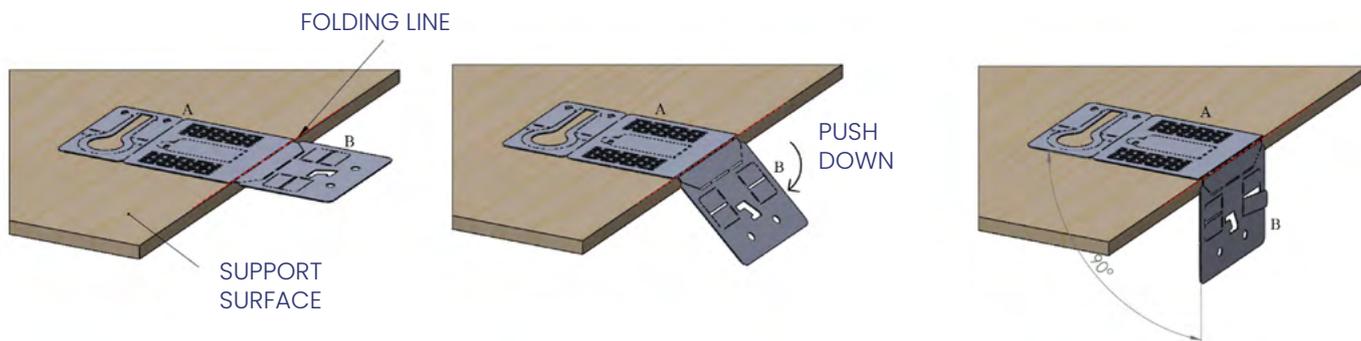


EBLF MOUNTING INSTRUCTIONS ON PLASTERBOARD WALLS

In case of installation on a plasterboard wall, the brackets should be positioned, as can be seen in the drawing, at the rear of the wall and secured with screws. The brackets can be installed either vertically or horizontally, thanks to the fixing profile present continuously on the entire side of the grille.



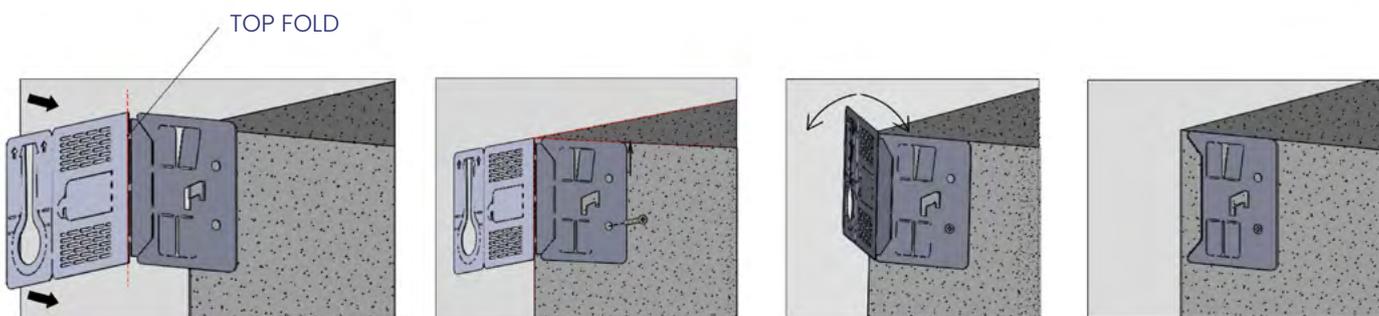
ASSEMBLY INSTRUCTION OF THE PLATE KIT ON MASONRY WALL



STEP 1 - Lay the surface "A" of the plate on a flat surface, leaving surface "B" protruding

STEP 2 - Keeping surface "A" adhered to the flat surface, push down "B" surface until a 90-degree fold is obtain

STEP 3 - Lift up the flap/s



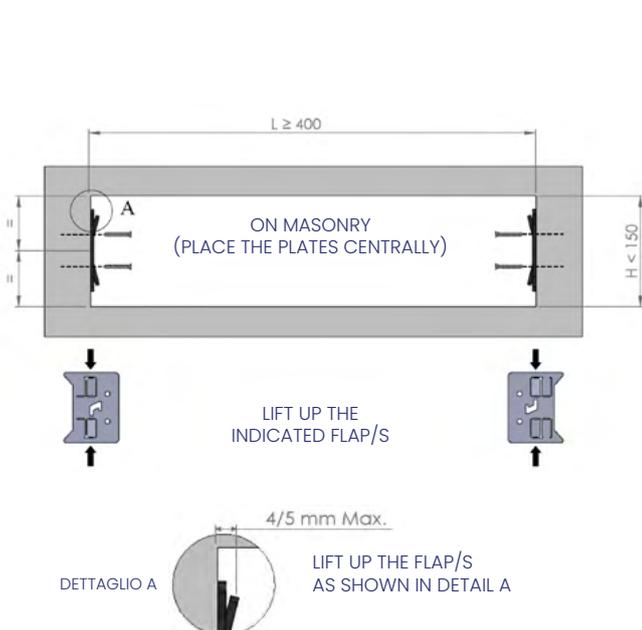
STEP 4 - Lay the plate matching the angle of it with the angle of the wall hole

STEP 5 - Drill the masonry and fasten the plate with screw/s and dowel/s to be placed as in the picture

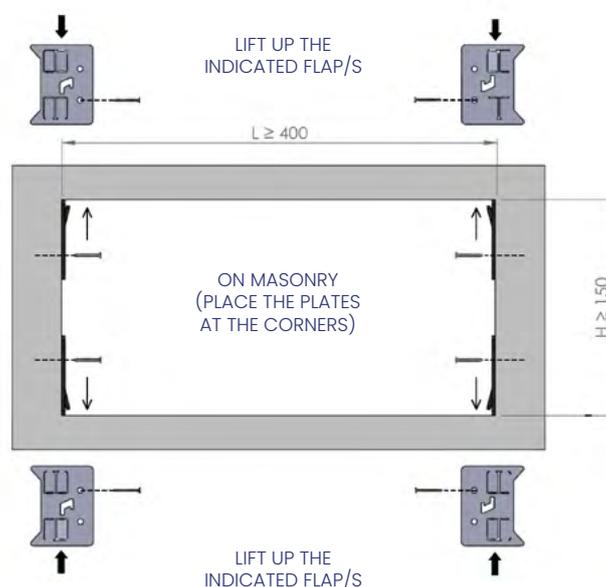
STEP 6 - Removing the exceeding of part of the plate swinging it until it is completely removed

STEP 7 - Plate final result

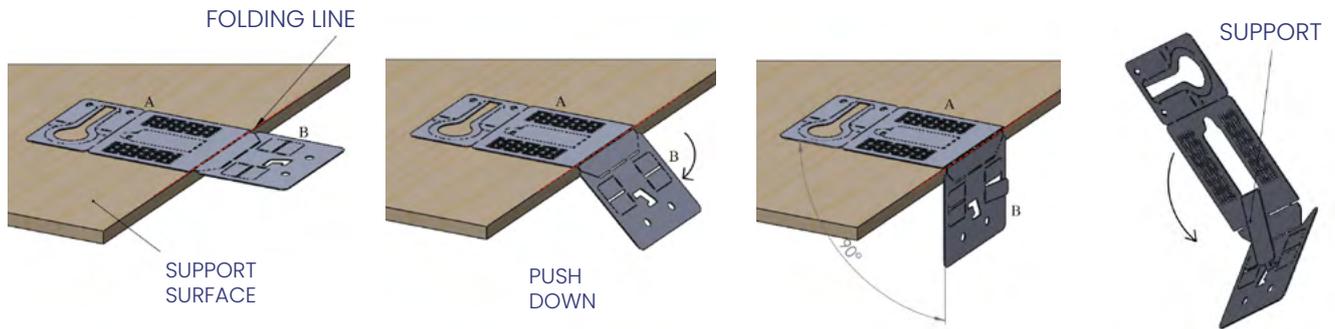
POSITION OF THE PLATE KIT H < 150



POSITION OF THE PLATE KIT H > 150



ASSEMBLY INSTRUCTION OF THE PLATE KIT ON PLASTERBOARD WALL

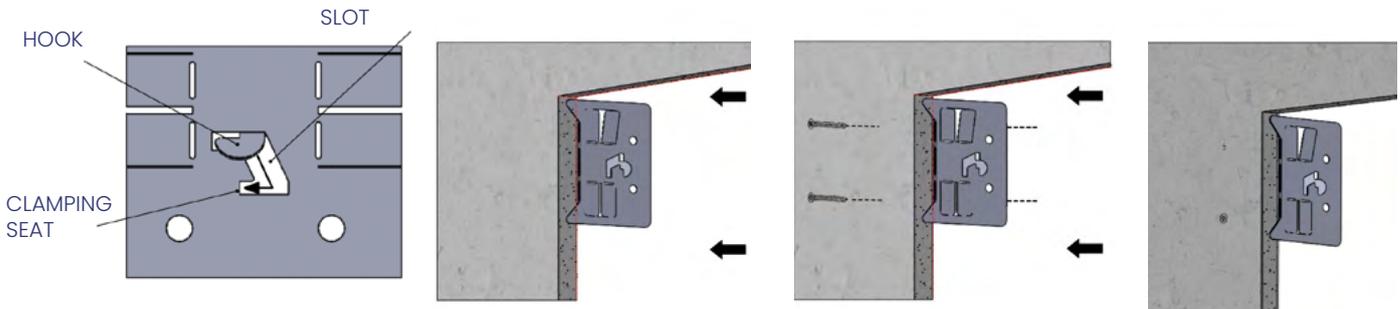


STEP 1 - Lay the surface "A" of the plate on a flat surface, leaving surface "B" protruding

STEP 2 - Keeping surface "A" adhered to the plane, push down "B" surface until a 90-degree fold is obtain

STEP 3 - Lift up the flap/s

STEP 4 - Rotate the support until the hook is insert inside the gap



STEP 5 - Slide the hook inside the split until it reaches the locking seat

STEP 6 - Position the plate on the inside of the plasterboard wall as in the picture

STEP 7 - Fasten the screws into the drywall plate until the slotted holes in the plate are reached

STEP 8 - Plate final result

POSITION OF THE PLATE KIT H < 150

POSITION OF THE PLATE KIT H > 150

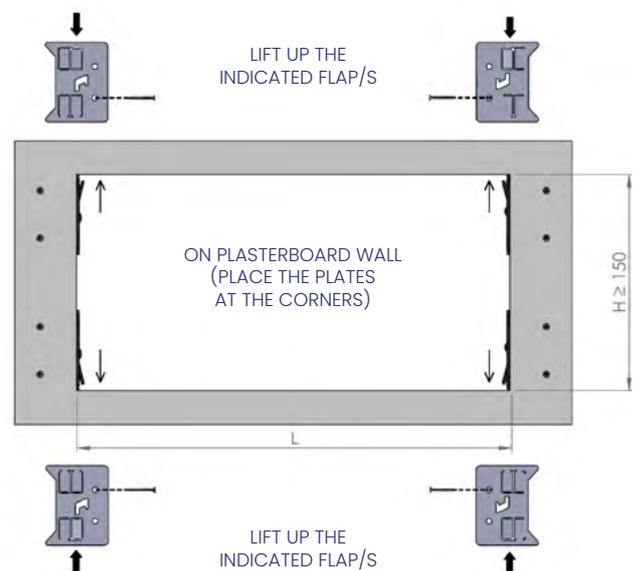
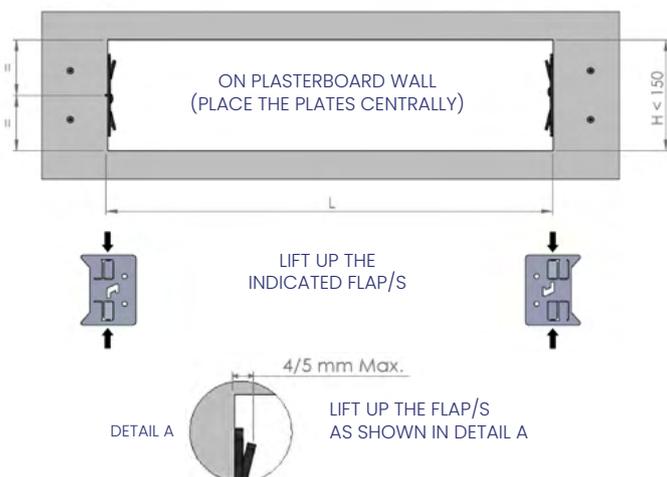
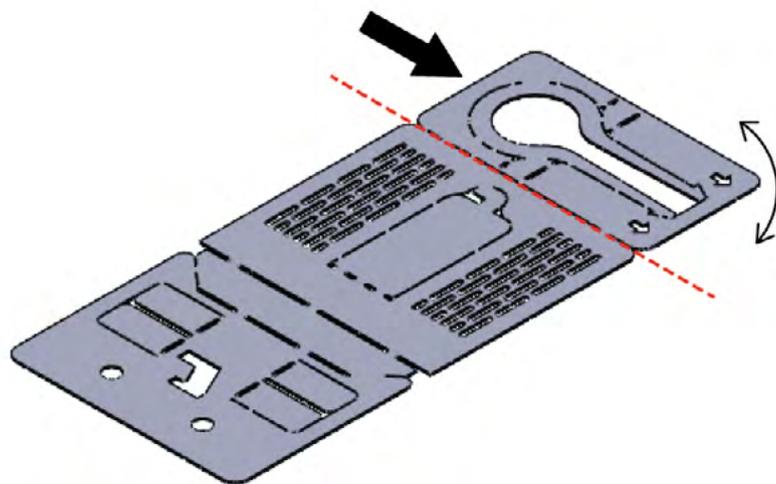
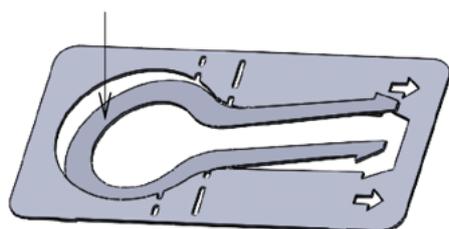
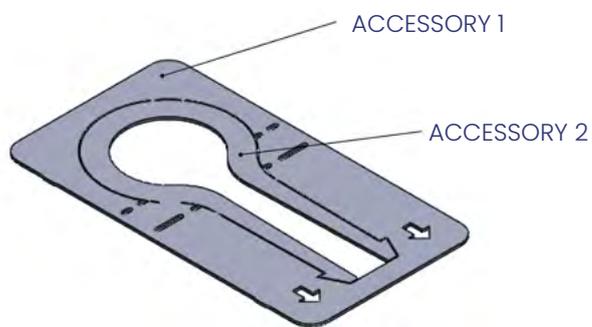


PLATE FOR AIR JET REMOVAL



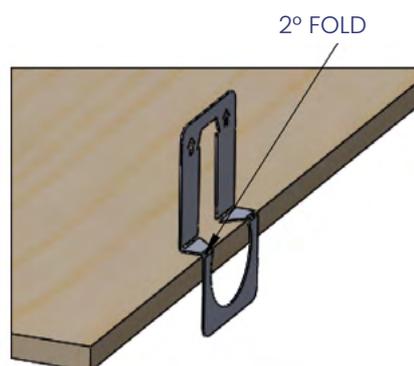
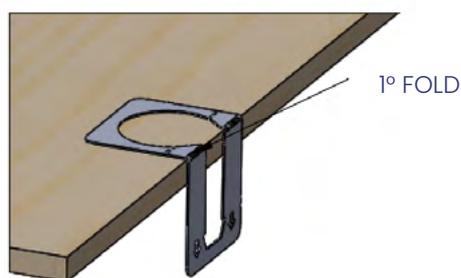
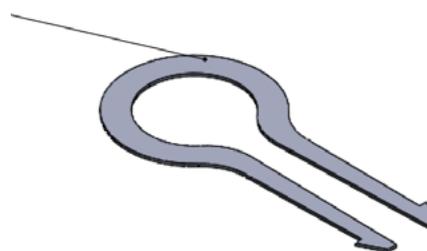
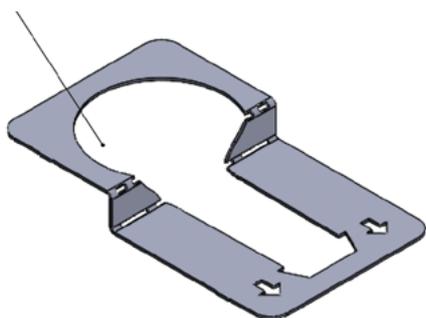
STEP 1 - Removing the indicated part swinging it until it is completely removed

STEP 2 - press on the indicated part until the two accessories are separated



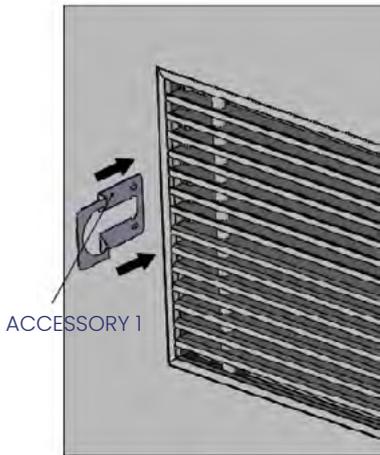
ACCESSORY 1 - FOR UNLOCKING THE FLAPS ON THE PLATE

ACCESSORY 2 - FOR THE REMOVAL OF THE GRILLS / AIR JET ON THE WALL



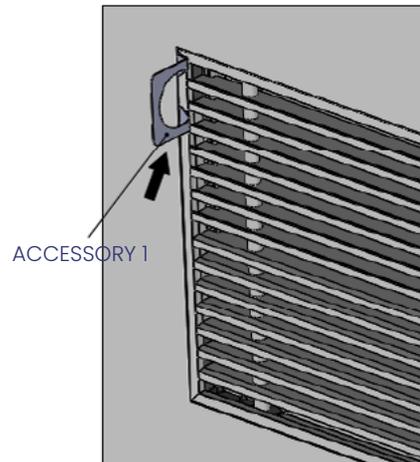
AIR JET REMOVAL

1



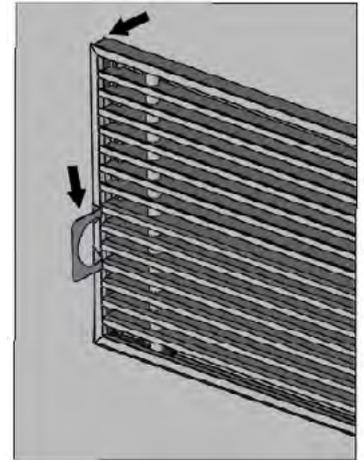
INSERT ACCESSORY 1
LATERALLY BETWEEN GRILLE
AND WALL, UNTIL THE FOLDED
PART IS FLAT

2



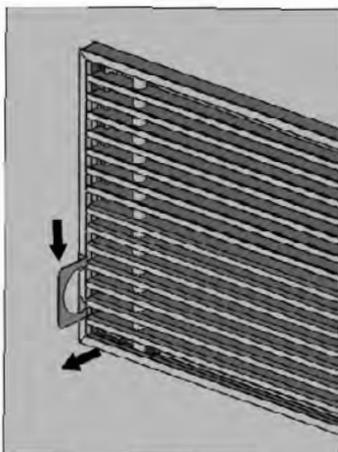
SLIDE ACCESSORY 1
UPWARDS UNTIL THE UPPER
PART OF THE GRILLE IS
RELEASED

3



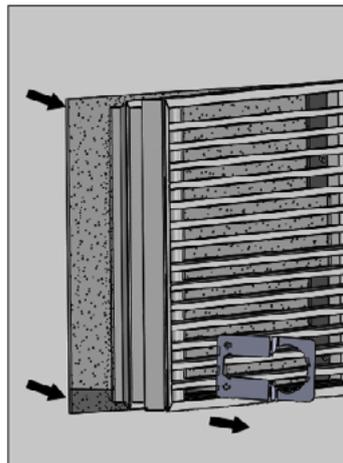
SLIDE THE ACCESSORY
DOWNWARDS UNTIL THE
NOZZLE IS COMPLETELY
DISENGAGED

4



REMOVE THE GRILLE FROM
THE MOUNTING PLATES

5



CODE

How to order

EBLF	20/0°	400	200
↓	↓	↓	↓
EBLS Linear grilles with horizontal fixed bars without frame	20/0° : with frame and front fixed bars with 0° deflection; 20/15° : with frame and front fixed bars with 15° deflection;	Length L (mm) 400 500 600 800 1000 1200	Height H (mm) 75 100 125 150 200 300 400



Head quarter

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ISO 14001

Certified Management System