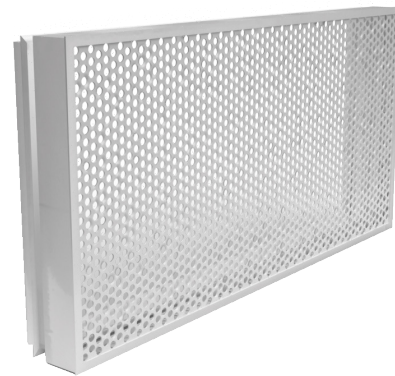


# PERFORATED GRILLES WITHOUT FRAME



## Series EGFF

Air supply and exhaust grilles with perforated panel.

### CHARACTERISTICS

Aluminium perimeter frame.  
Galvanised steel panel  
Finish: painted white RAL 9016  
Installation: fastening with brackets;

The perforated mesh is made according to the following specifications:

- 60° alternating round holes;
- empty/full ratio 46%;
- diameter of holes 5mm;
- distance between centres 7mm.

### USE

Grilles used in air conditioning and ventilation systems for both supply and return.

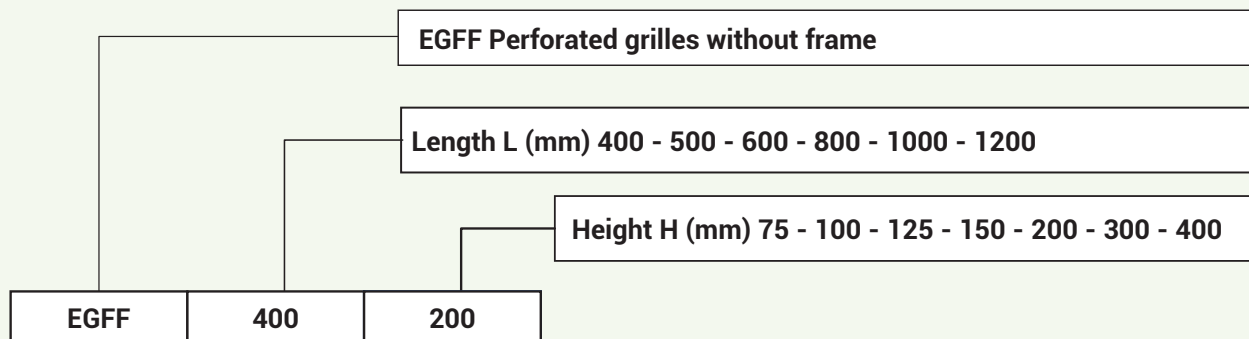
### ACCESSORIES

- SC galvanised steel regulation damper with blades with opposing movement;

### ON DEMAND

Painting in different RAL colours.

### CODE



## EFFECTIVE CROSS-SECTION

H	L					
	400	500	600	800	1000	1200
Effective cross-section m <sup>2</sup>						
75	0,012	0,015	0,018	0,024	0,030	0,036
100	0,016	0,021	0,025	0,033	0,041	0,049
125	0,020	0,025	0,030	0,040	0,050	0,060
150	0,025	0,031	0,037	0,490	0,060	0,074
200	0,033	0,041	0,050	0,067	0,084	0,100
300	0,050	0,064	0,077	0,103	0,129	0,155
400	0,068	0,086	0,104	0,139	0,174	0,206

## OPERATING DATA

H	Vk m/s	L					
		400	500	600	800	1000	1200
Flow rate m <sup>3</sup> /h							
75	2	86	108	130	173	216	259
	3	130	162	194	259	324	389
	4	173	216	259	346	432	518
100	2	118	148	177	236	295	354
	3	177	221	266	354	443	531
	4	236	295	354	472	590	708
125	2	144	180	216	288	360	432
	3	216	270	324	432	540	648
	4	288	360	432	576	720	864
150	2	177	221	266	354	443	531
	3	266	332	399	531	664	797
	4	354	443	531	708	886	1063
200	2	238	295	360	482	605	726
	3	356	443	540	724	907	1089
	4	475	590	720	965	1210	1452
300	2	360	461	554	742	929	1115
	3	540	691	832	1112	1393	1672
	4	720	922	1109	1483	1858	2229
400	2	490	619	749	1001	1253	1486
	3	734	929	1123	1501	1879	2229
	4	979	1238	1498	2002	2506	2972

Vk: effective speed (m/s)  
m<sup>3</sup>/h: flow rate  
Pa: pressure drops in Pascal  
L: width  
H: height  
All measurements are expressed in mm.

## NOISE LEVEL DB(A)

dB(A): noise level

	V m/s	dB(A)
Sound power level	2	15/20
	3	22/28
	4	38/42

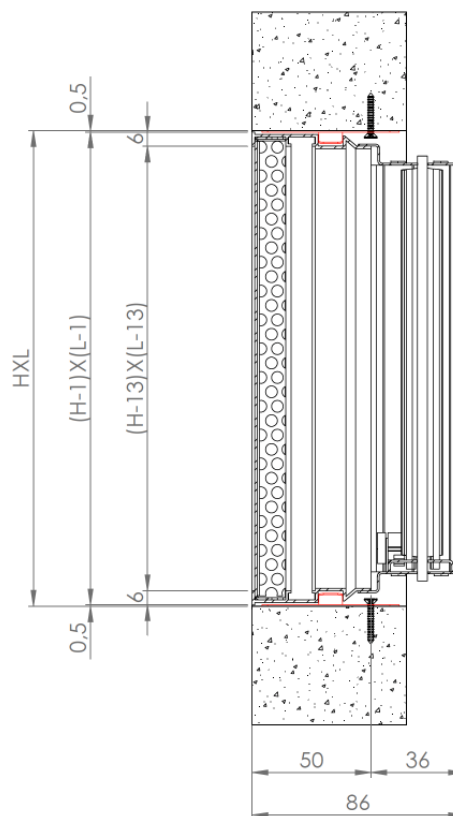
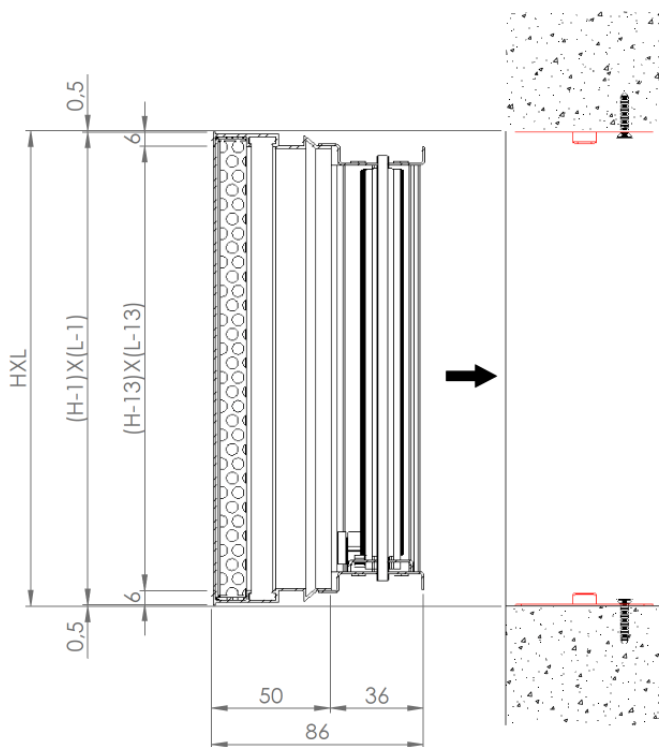
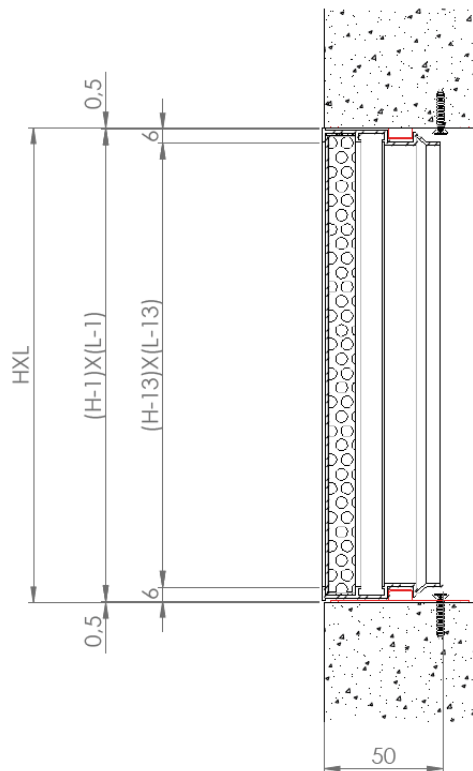
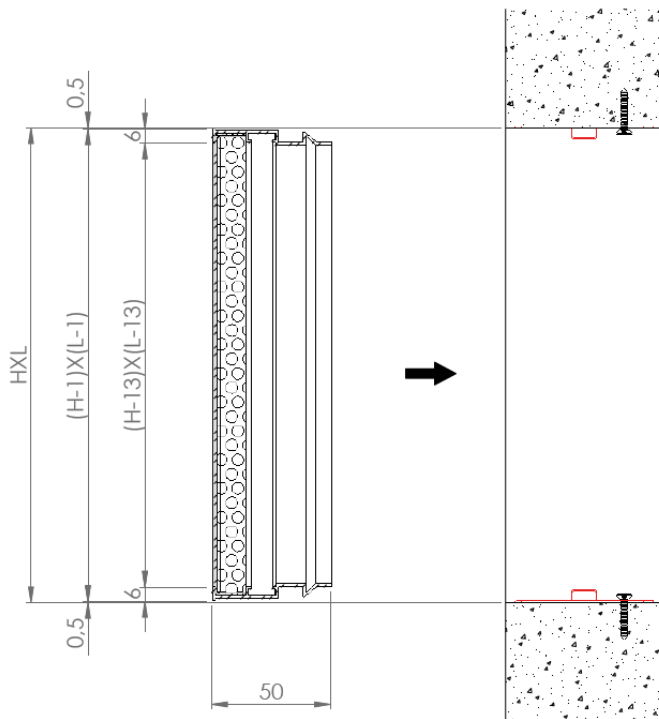
## PRESSURE DROP (Pa)

Pa: pressure drops in Pascal

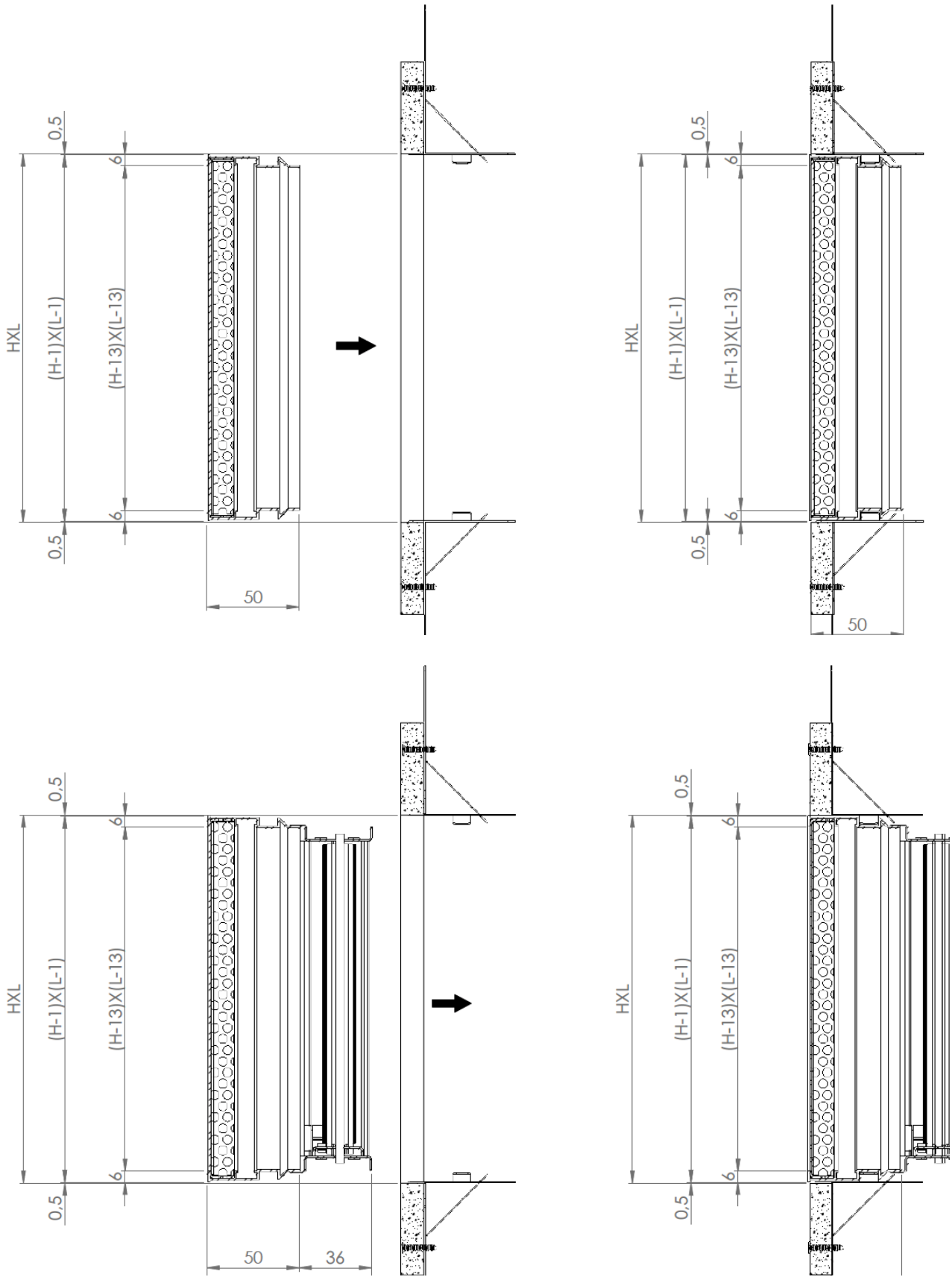
	V m/s	Pa
Pressure drop	2	18
	3	40
	4	70

## EGFF 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..

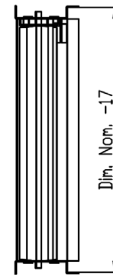
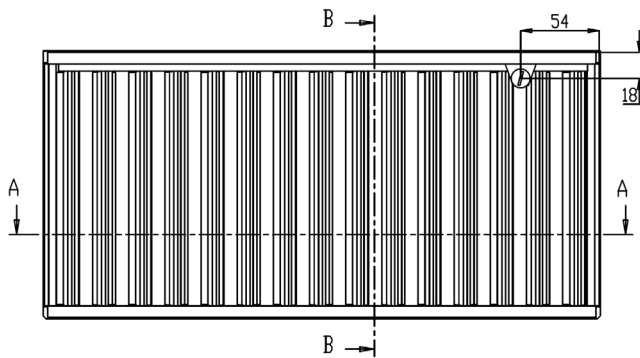
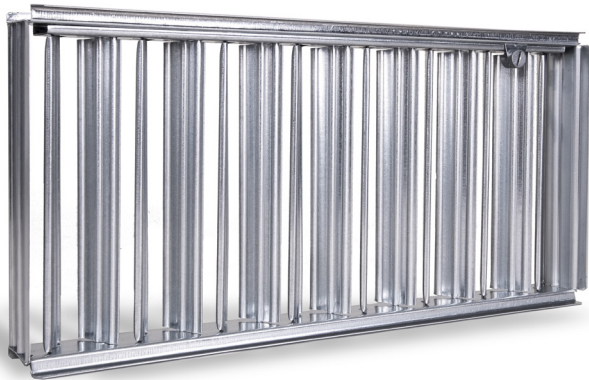


EGFF DIMENSIONS WITH AND WITHOUT DAMPER ON PLASTERBOARD WALL

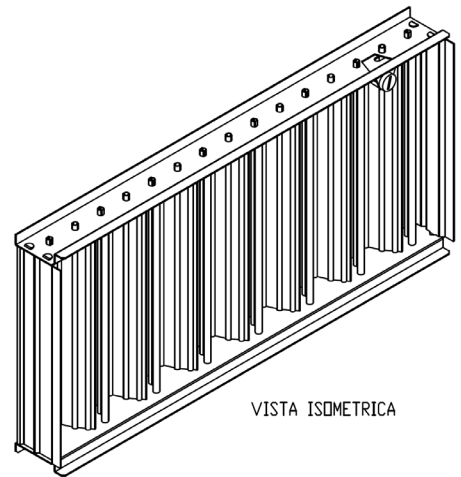
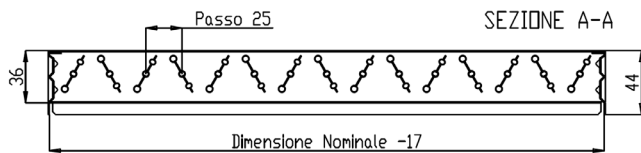


## SC CALIBRATION DAMPER

- Galvanised steel regulation damper with blades with opposing movement.
- Maximum dimensions L x H for construction in one piece 1000 mm x 600 mm.

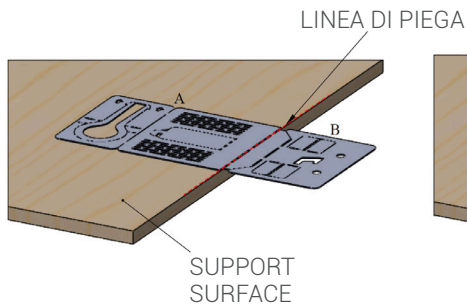


SEZIONE B-B

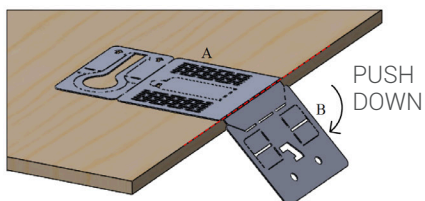


VISTA ISOMETRICA

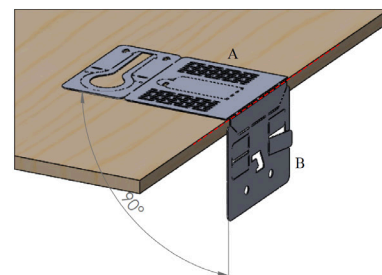
## ASSEMBLY INSTRUCTION OF THE PLATE KIT ON MASONRY WALL



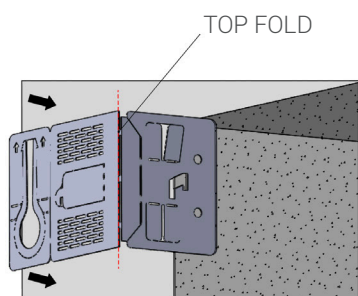
STEP 1- LAY THE SURFACE "A" OF THE PLATE ON A FLAT SURFACE, LEAVING SURFACE "B" PROTRUDING



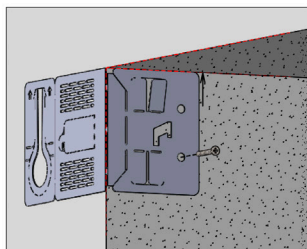
STEP 2- KEEPING SURFACE "A" ADHERED TO THE FLAT SURFACE, PUSH DOWN "B" SURFACE UNTIL A 90-DEGREE FOLD IS OBTAIN



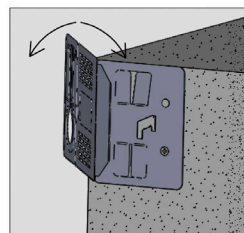
STEP 3- LIFT UP THE FLAP/S



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

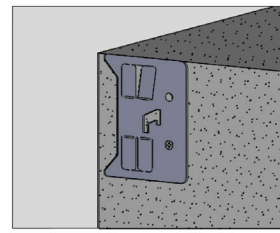
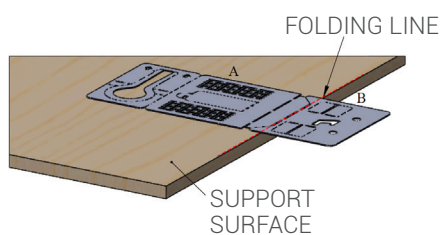
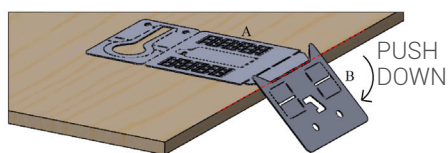


PLATE FINAL RESULT

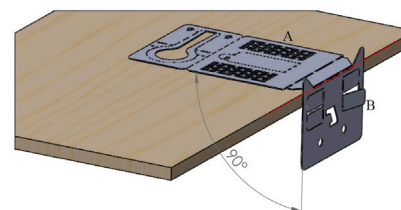
## ASSEMBLY INSTRUCTION OF THE PLATE KIT ON PLATERBOARD WALL



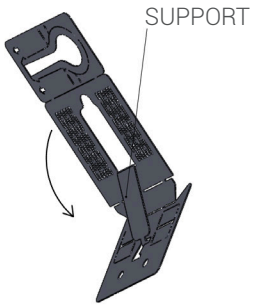
STEP 1 - LAY THE SURFACE "A" OF THE PLATE ON A FLAT SURFACE, LEAVING SURFACE "B" PROTRUDING



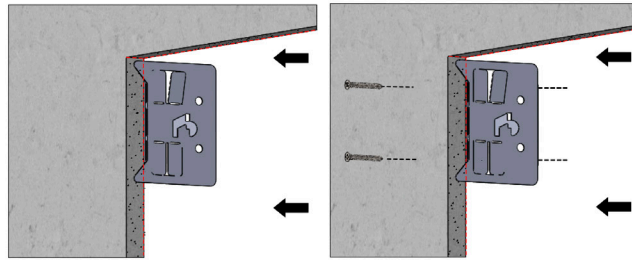
STEP 2- KEEPING SURFACE "A" ADHERED TO THE PLANE, PUSH DOWN "B" SURFACE UNTIL A 90-DEGREE FOLD IS OBTAIN



STEP 3- LIFT UP THE FLAP/S AS SHOWN IN THE DRAWING AT TABLE 3



STEP 4- ROTATE THE SUPPORT UNTIL THE HOOK IS INSERT INSIDE THE GAP



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

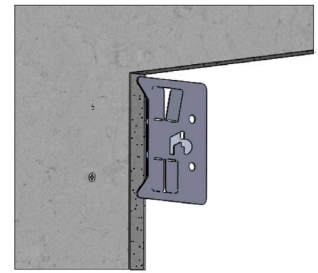
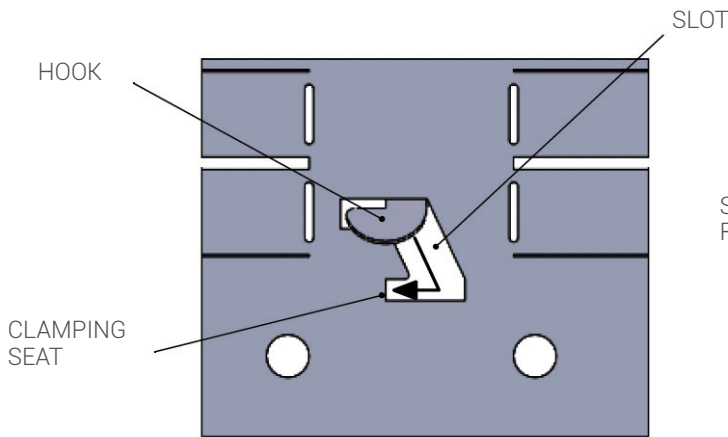
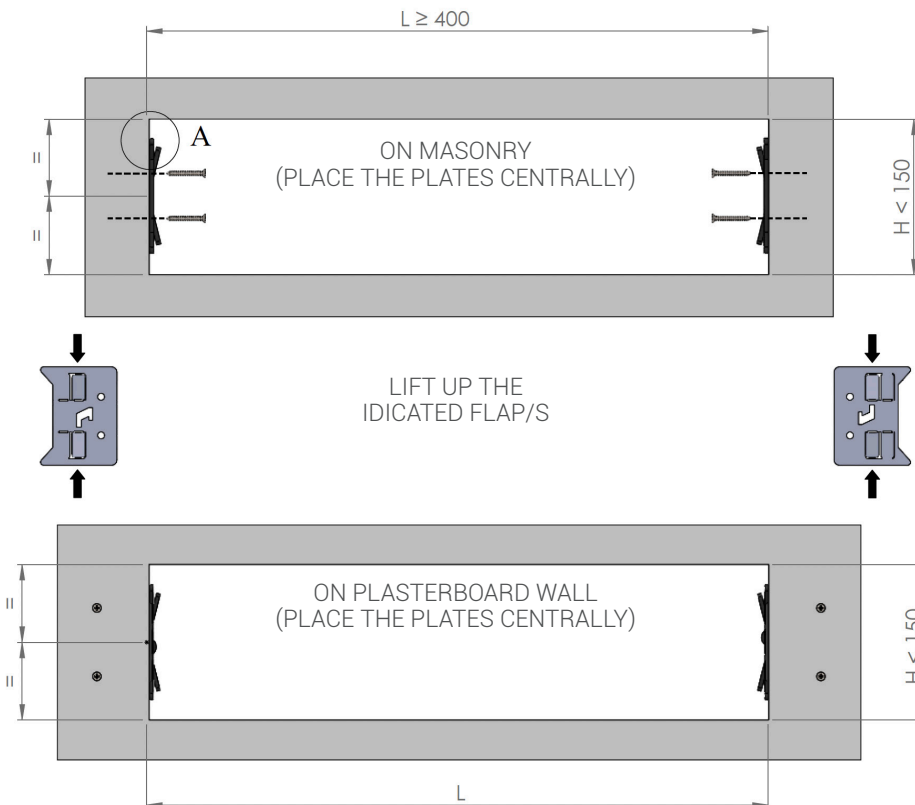


PLATE FINAL RESULT

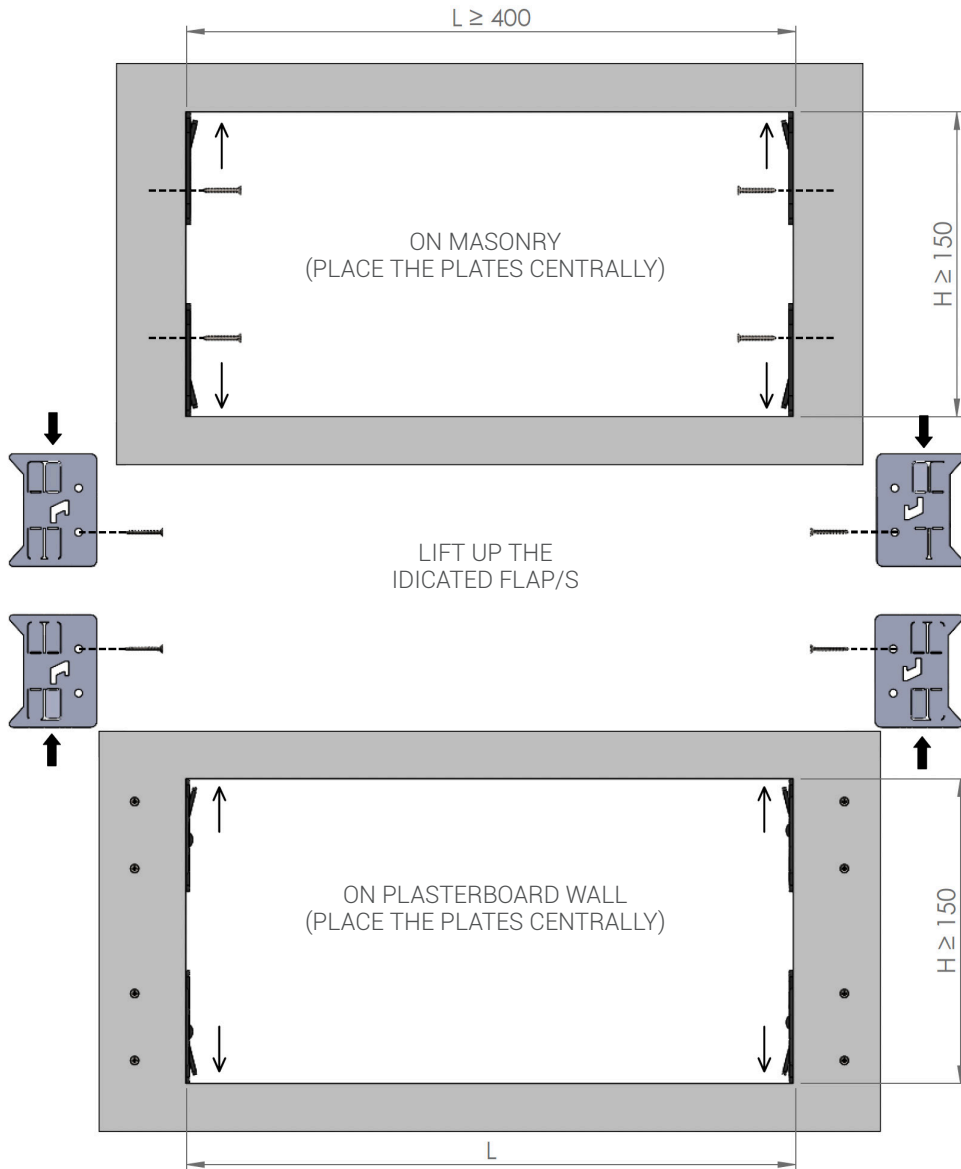


STEP 5- SLIDE THE HOOK INSIDE THE SPLIT UNTIL IT REACHES THE LOCKING SEAT

## POSITION OF THE PLATE KIT H<150

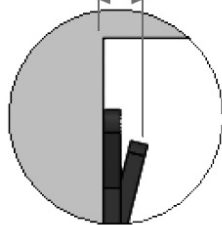


## POSITION OF THE PLATE KIT H>150



DETAIL A

4/5 mm Max.



LIFT UP THE FLAP/S AS SHOWN IN DETAIL A

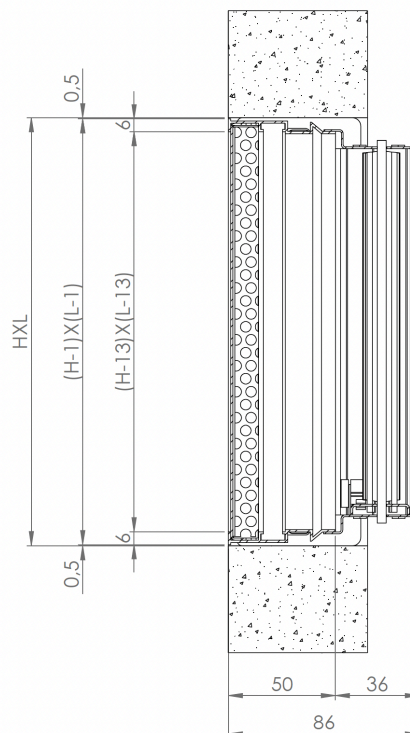
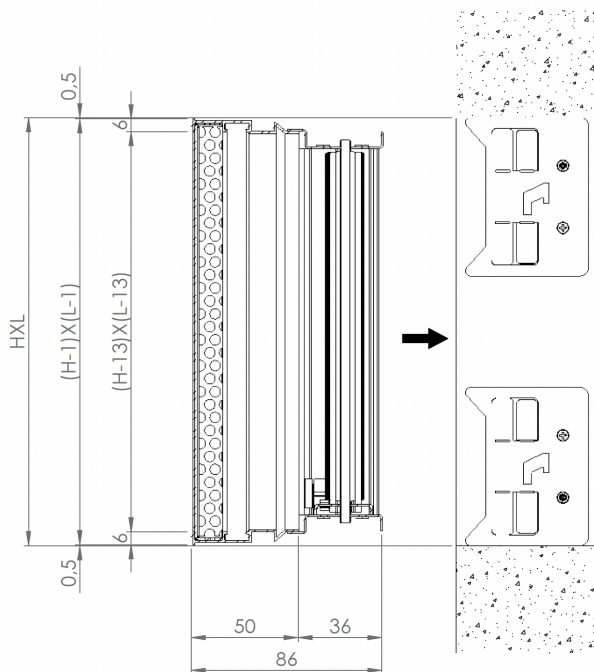
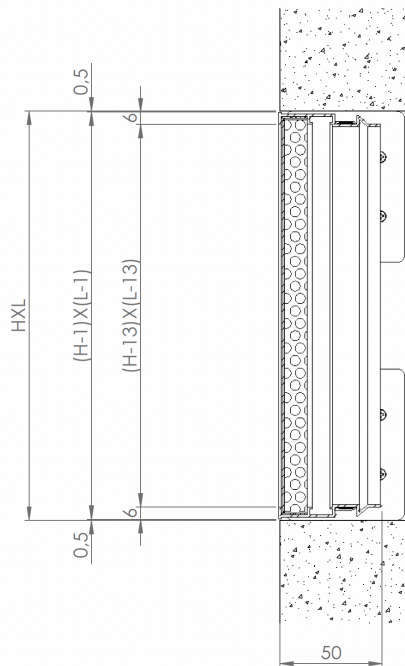
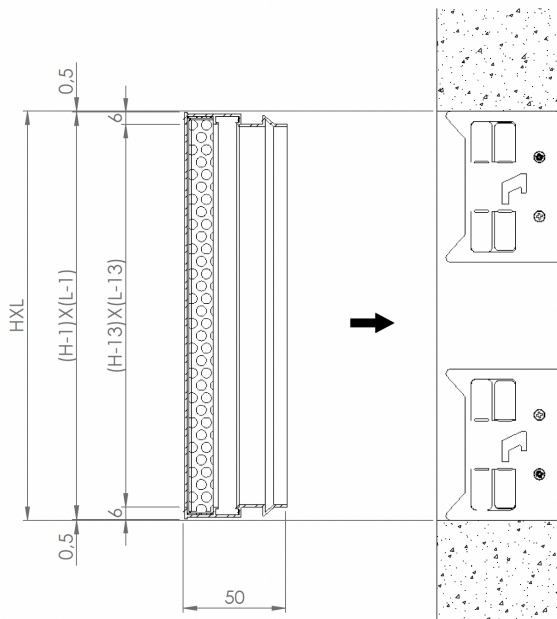
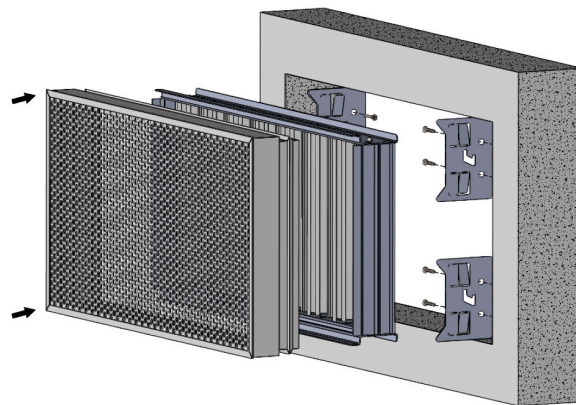


## EGFF MOUNTING INSTRUCTIONS ON MASONRY WALLS

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.

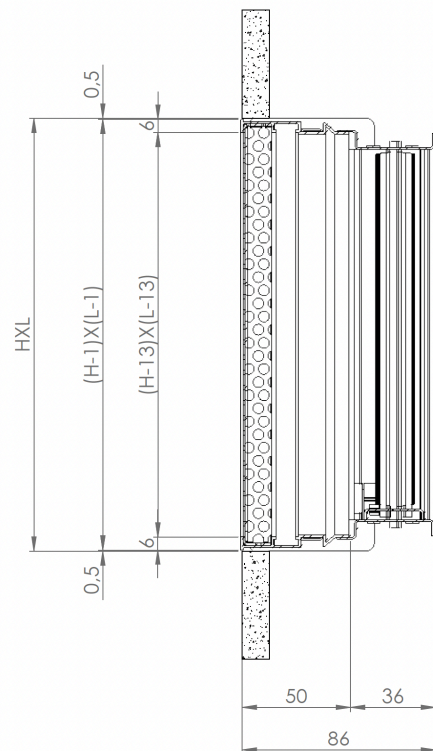
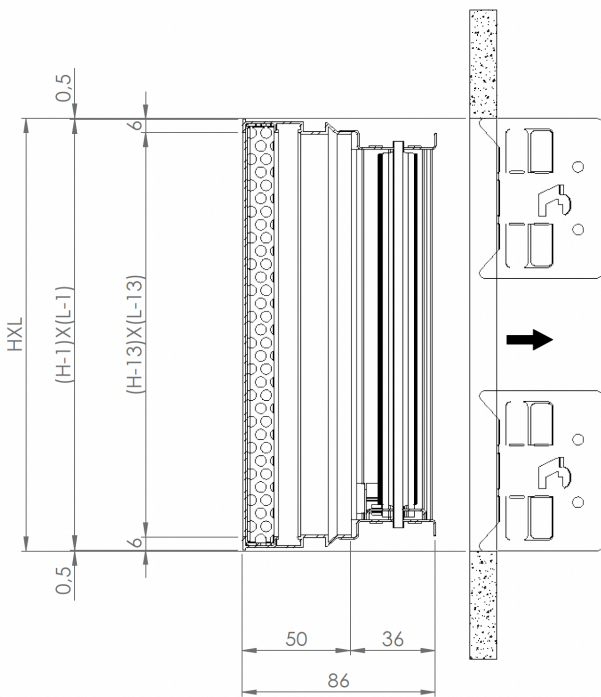
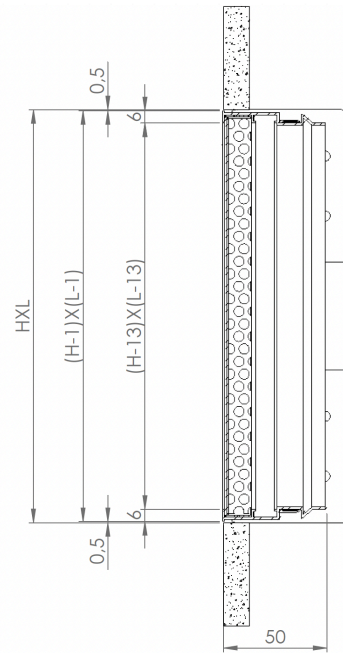
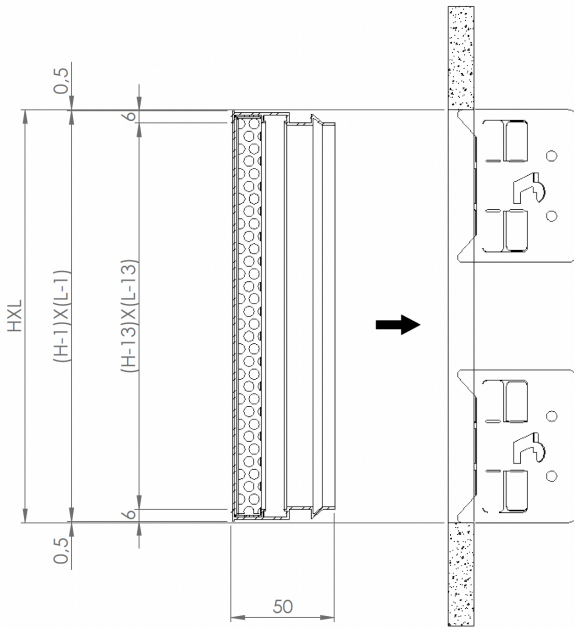
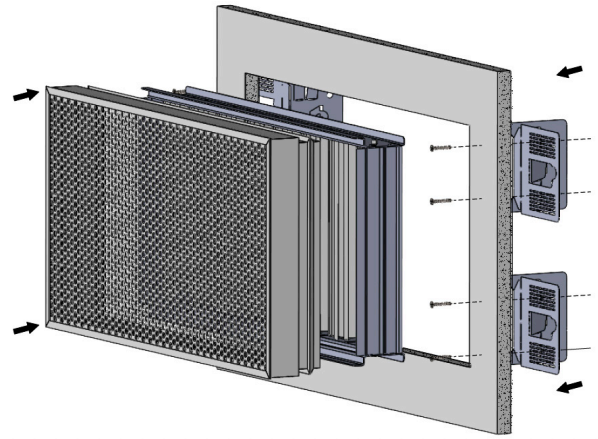
The brackets can be installed either vertically or horizontally, thanks to the fixing profile that is continuously present on the entire side of the grille.

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

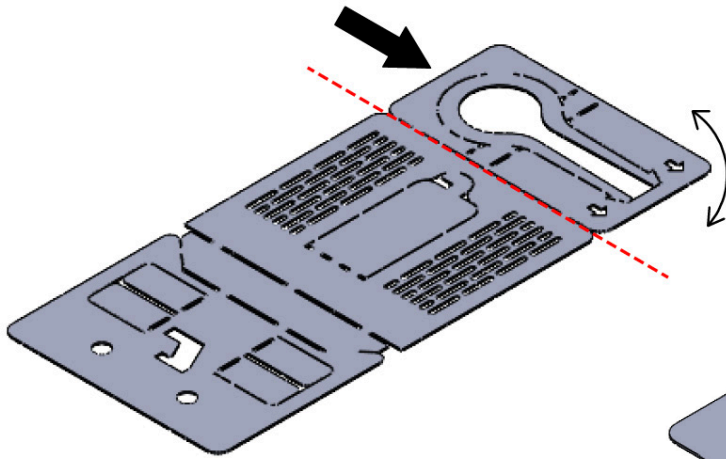


## EGFF MOUNTING INSTRUCTIONS ON PLASTERBOARD WALLS

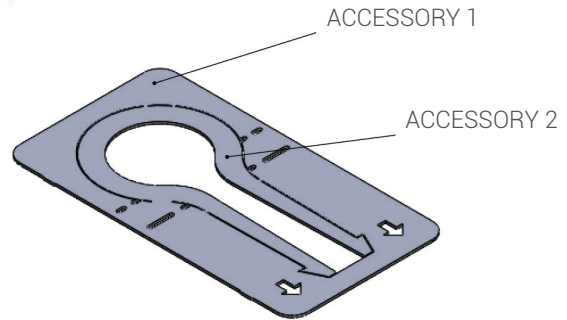
In case of installation on a plasterboard wall, the brackets should be positioned, as can be seen in the drawing, at the rear of the wall and secured with screws. The brackets can be installed either vertically or horizontally, thanks to the fixing profile present continuously on the entire side of the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



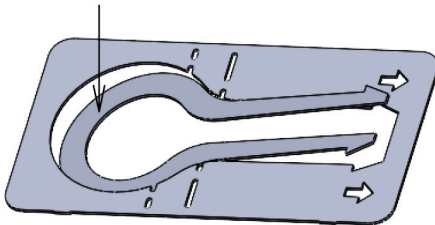
## PLATE FOR AIR JET REMOVAL



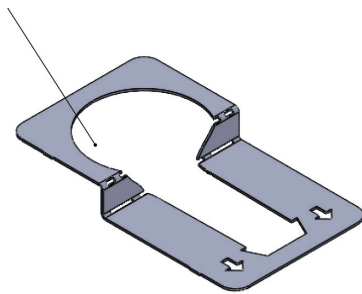
STEP 1 - REMOVING THE INDICATED PART SWINGING IT UNTIL IT IS COMPLETELY REMOVED



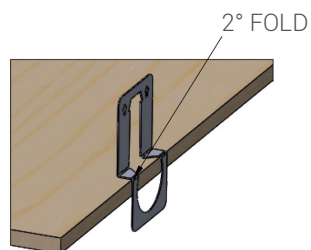
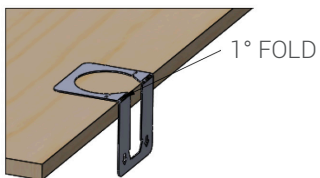
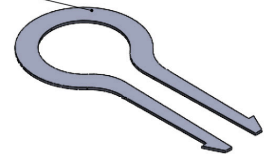
STEP 2 - PRESS ON THE INDICATED PART UNTIL THE TWO ACCESSORIES ARE SEPARATED



ACCESSORY 1  
- FOR UNLOCKING THE FLAPS ON THE PLATE

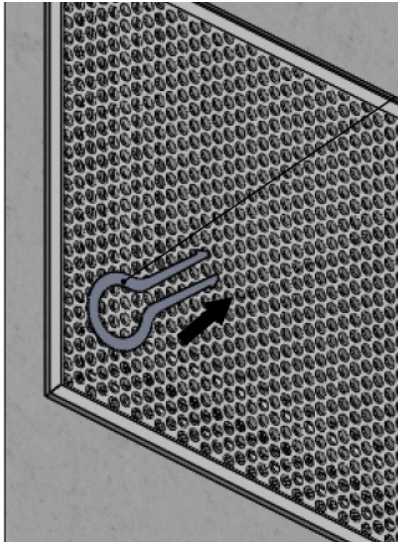


ACCESSORY 2  
- FOR THE REMOVAL OF THE GRILLES / AIR JET ON THE WALL



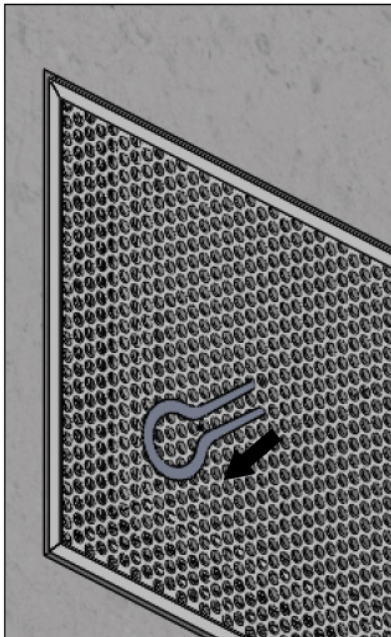


## REMOVAL GRILL

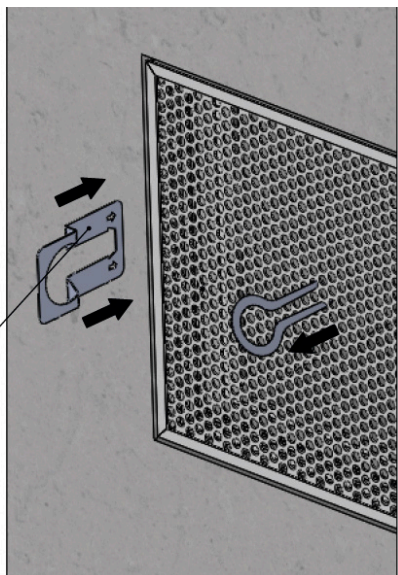


ACCESSORY 2

STEP 1- PUT ACCESSORY 2 INSIDE THE PERFORATED GRILLE UNTIL THE HOOK ARE LOCKED

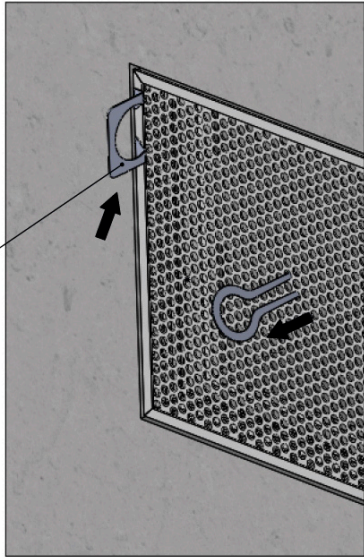


STEP 2- GENTLY PULL THE ACCESSORY, AS SHOWN IN THE FIGURE, BY HOLDING IT IN TRACTION UNTIL THE STEPS ARE COMPLETE

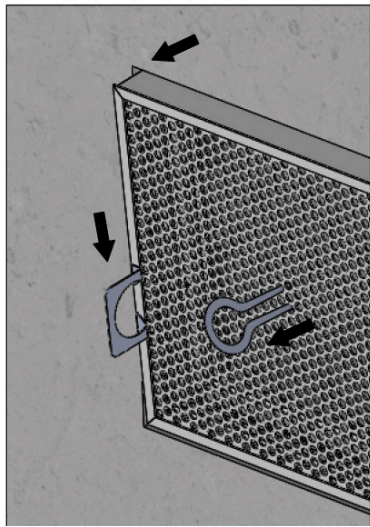


ACCESSORY 1

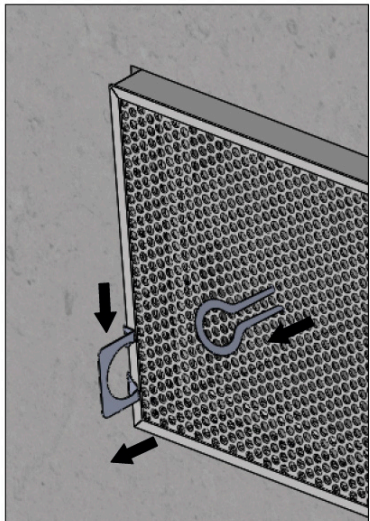
STEP 3- INSERT ACCESSORY 1 Laterally BETWEEN GRILLE AND WALL, UNTIL THE FOLDED PART IS FLAT



STEP 4- SLIDE ACCESSORY 1 UPWARD UNTIL THE TOP OF THE GRILLE IS RELEASED



STEP 5- SLIDE THE ACCESSORY DOWNWARD UNTIL THE GRILLE IS COMPLETELY DISENGAGED



STEP 6- REMOVE THE GRILLE FROM THE MOUNTING PLATE

