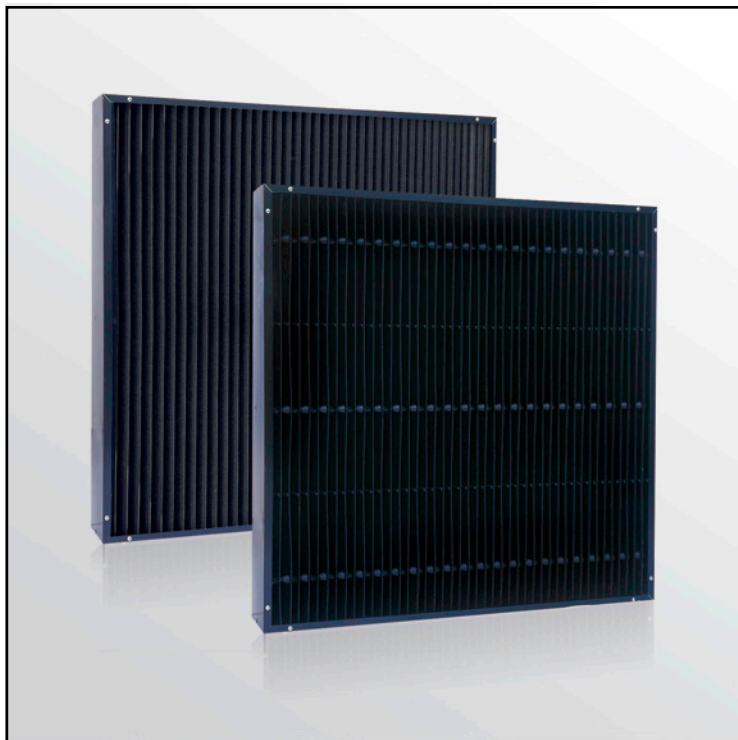


LF/LFd

## Assembly manual



Spare part list + Assembling guideline

LF/LFd

Light filter

# LF/LFd

## Assembly manual

Original instructions

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## WARNING

*All the components and spare parts MUST be stored in dry and clean environment.*

*Please note that when the light filter is mounted in his working position the waves have to be positioned vertically.*

- *Max environment temperature during operation and/or stockage shall not exceed 50°C.*
- *Protect filter from direct sunrays when not in operation.*
- *Do not stock in sealed packages under direct sunrays.*
- *Verify that adequate ventilation is provided.*

# Spare part list

LF

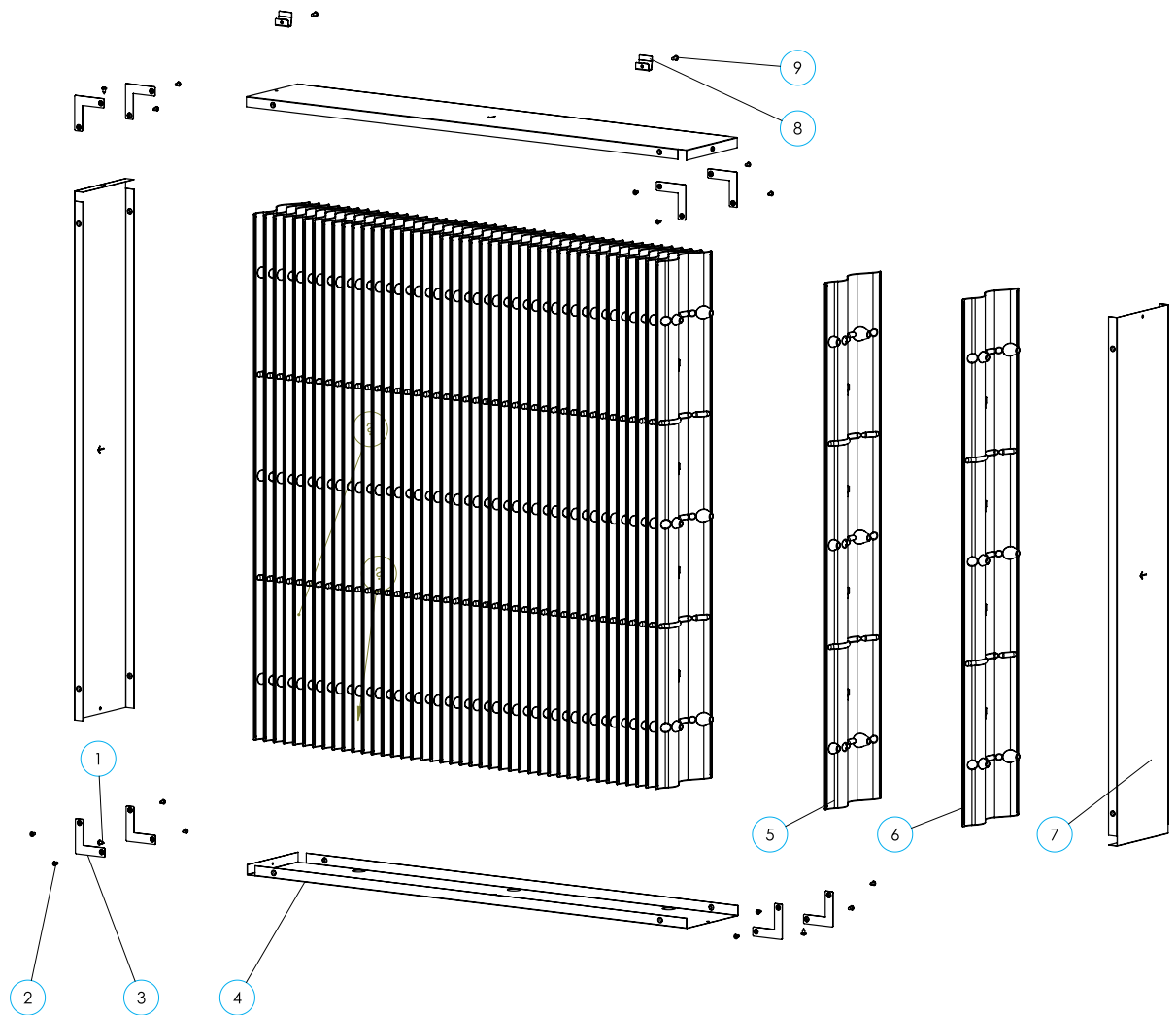











fig.1

Ref. 8 to fix on top panel EM/ED24HE or distance kit for EC/ED36HE/ED30HE.

## Spare parts

Ref.	Picture	Description	Q.ty
1		SELF TAPPING SCREW (ROUND HEAD) 6.3X13	8
2		SELF TAPPING SCREW (FLAT HEAD) 6.3X16	16
3		EMBOSSSED ANGLE BRACKET	8
4		BOTTOM PANEL	1
5		PLASTIC WAVE CIRCLE	TAB.1
6		PLASTIC WAVE TRIANGLE	TAB.1
7		TOP/SIDE PANEL	3
8		HOOK FOR FILTER	2

9		SELF TAPPING SCREW (ROUND HEAD) 6.3X19	2
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Package content

MODEL	LF50	LF36	LF30	LF24
PLASTIC WAVE CIRCLE	23	18	16	12
PLASTIC WAVE TRIANGLE	22	18	15	12

LFD

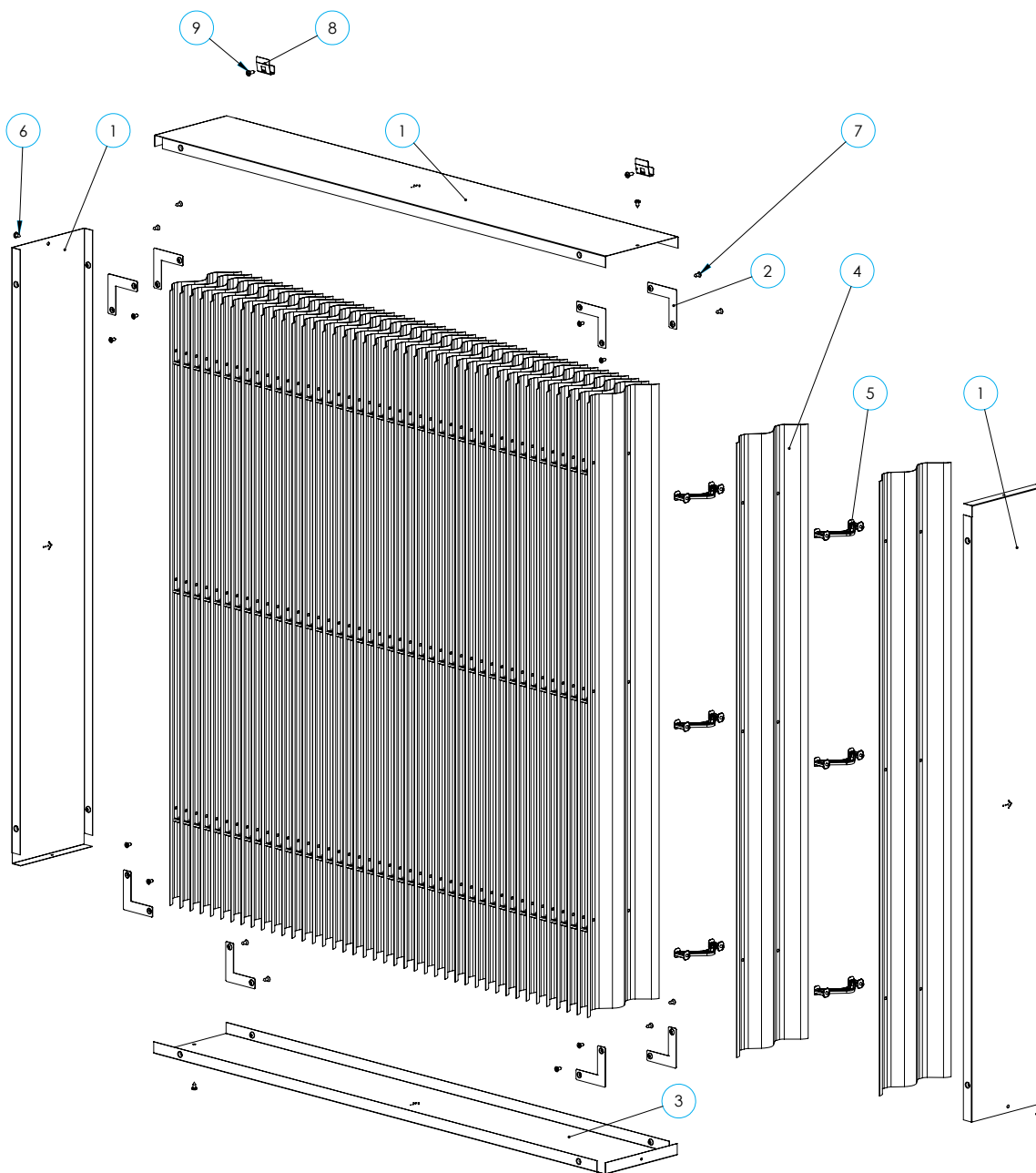










fig.2


Ref. 5 central spacers for 52/50/36 only.

Ref. 8 to fix on top panel EM/ED24HE or distance kit for EC/ED36HE/ED30HE.

## Spare parts

Ref.	Picture	Description	Q.ty
1		TOP/SIDE PANEL	3
2		EMBOSSSED ANGLE BRACKET	8
3		BOTTOM PANEL WITH HOLES	1
4		PLASTIC WAVE	
5		SPACER	
6		SELF TAPPING SCREW (ROUND HEAD) 6.3X13	8
7		SELF TAPPING SCREW (FLAT HEAD) 6.3X16	16
8		HOOK	2



9		SELF TAPPING SCREW (ROUND HEAD) 6.3X19	2
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Package content

MODEL	LFD52	LFD50	LFD36	LFD30	LFD24
WAVE	44	42	34	29	23
SPACER	129	125	100	57	45

LFD - MWI

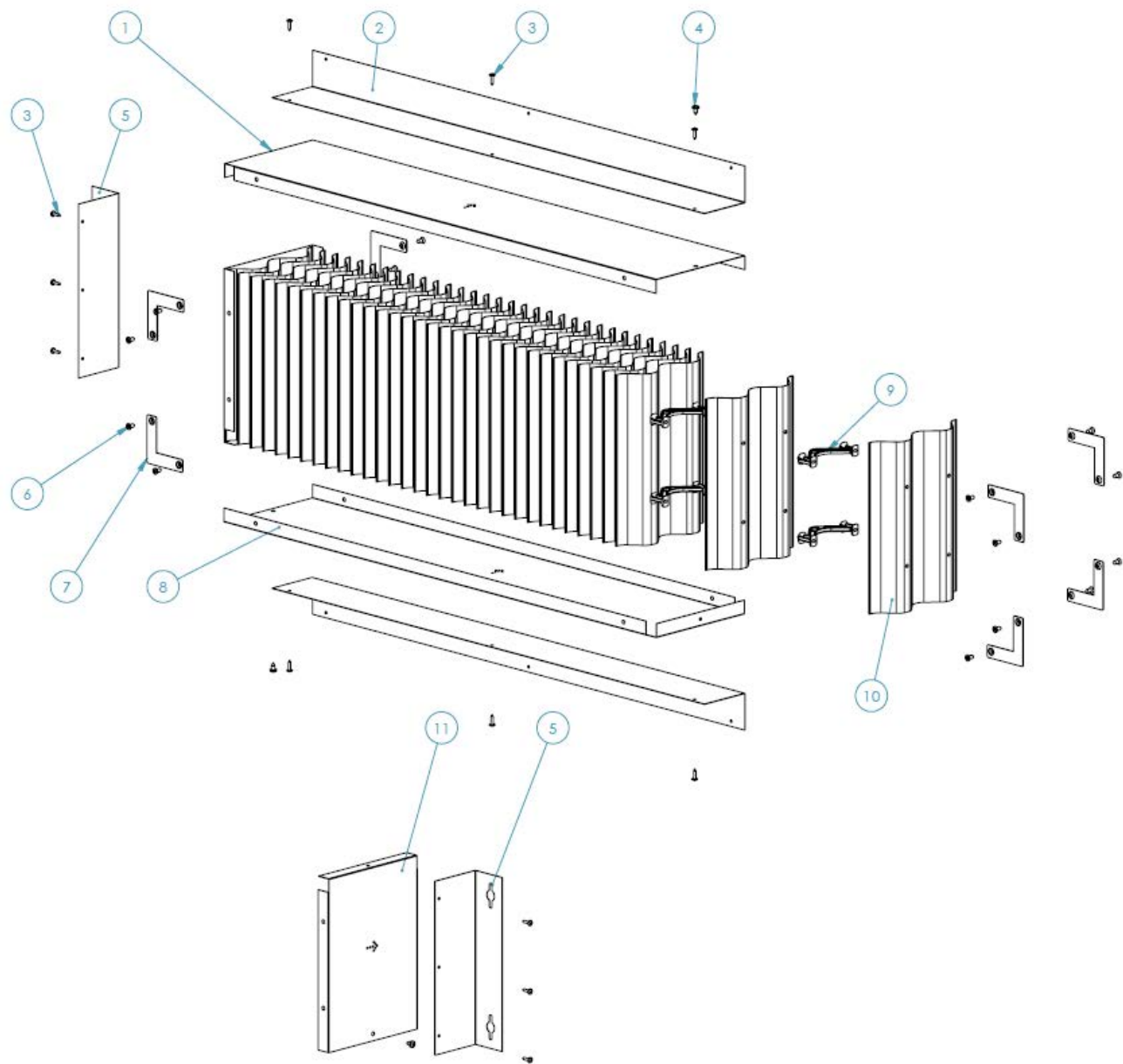





fig.3

## Spare parts

Ref.	Picture	Description	Q.ty
1		TOP PANEL	1
2		ANGLE BRACKET TOP/BOTTOM	2
3		SELF TAPPING SCREW 4.2X19	12
4		SELF TAPPING SCREW (ROUND HEAD) 6.3X13	8
5		ANGLE BRACKET SIDE	2
6		SELF TAPPING SCREW (FLAT HEAD) 6.3X16	16
7		EMBOSSSED ANGLE BRACKET	8
8		BOTTOM PANEL WITH HOLES	1

9		SPACER	66
10		PLASTIC WAVE	34
11		SIDE PANEL	2

# Assembling tools

## 2.

Ref.	Picture	Description	Q.ty
1		PNEUMATIC SCREWDRIVER	1
2		PHILLIPS SCREW HEAD ADAPTOR	1

## FRAME ASSEMBLING



Verify the the bolts and screws package, which includes:

- 8 angle brackets
- 20 self tapping screws
- 2 hooks



Assemble bottom panel (the one with holes) together with the side panel by means of qty. 1 self tapping screw (round head - 6.3x13), qty. 2 angle brackets and qty. 8 self tapping screws (flat head - 6.3x16).



Assemble the top panel - same shape as side panels together with the free side of the lateral panel by means of qty. 2 self tapping screws (round head - 6.3x13), qty. 2 angle brackets and qty. 8 self tapping screws (flat head - 6.3x16). It is recommended using a pneumatic screwdriver applying a torque of 16 Nm.





Place the 3 panels set on the floor. The side panel should adhere to the floor.

#### LFD WAVES ASSEMBLING



Start to mount the plastic waves: first the wave then the spacers.



Fix other spacers on top of the wave.



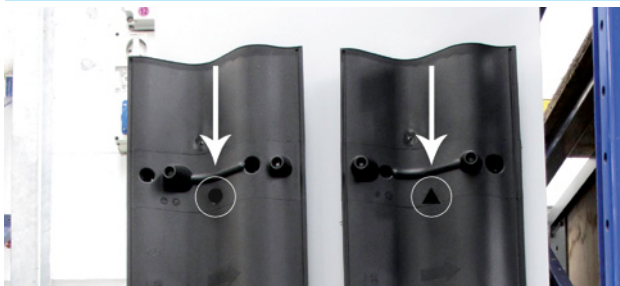
Insert another wave and follow the procedure in order to complete the filter.



End the assembly with the last wave.



LF WAVES ASSEMBLING



Divide the 'triangle' waves from the 'circle' ones.



Start with a 'circle' wave.



Proceed with a 'triangle' wave.



Continue to alternate 'triangle' and 'circle' waves to complete the light filter.



## FRAME COMPLETION



Assemble the angle brackets and the 2 panels (top and bottom) and insert the side panel. Fix it by means of qty. 8 screws (flat head - 6.3x16) to the angle brackets plus 4 screws (round head - 6.3x13), 2 for each panel. It is recommended using a pneumatic screwdriver applying a torque of 16 Nm.

Remove the protection mesh from the back side of the fan and place the hooks on the fan by means of qty. 2 self tapping screws (round head - 6.3x19).



Turn the filter 90° to gain the operating position, with the waves upright.



Hook the filter to the fan.



**WARNING**

Please note that on some specific fans it may be requested an additional Spacer Kit.

For further information, please contact the Customer Service.

LF/LFd light filters are developed and produced by Munters Italy S.p.A., Italy



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