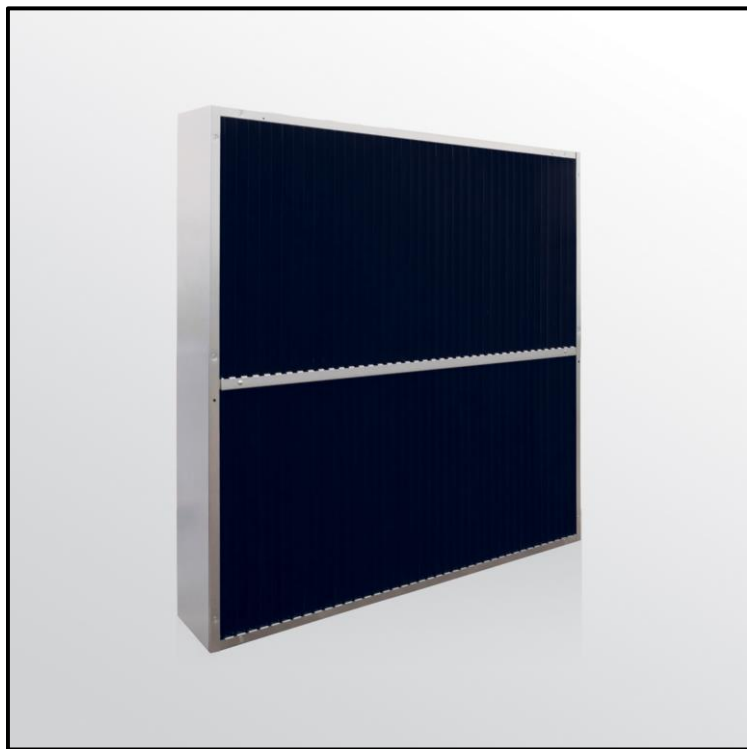


New LFd

Assembly manual



Spare part list + Assembling guideline

New LFd

Light filter

# New LFd

## Assembly manual

Original instructions

This document is destined for the user of the apparatus: it may not be reproduced in whole or in part, committed to computer memory as a file or delivered to third parties without the prior authorisation of the assembler of the system. Munters Italy S.p.A. reserves the right to effect modifications to the apparatus in accordance with technical and legal developments.

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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 assembling and/or storage 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.

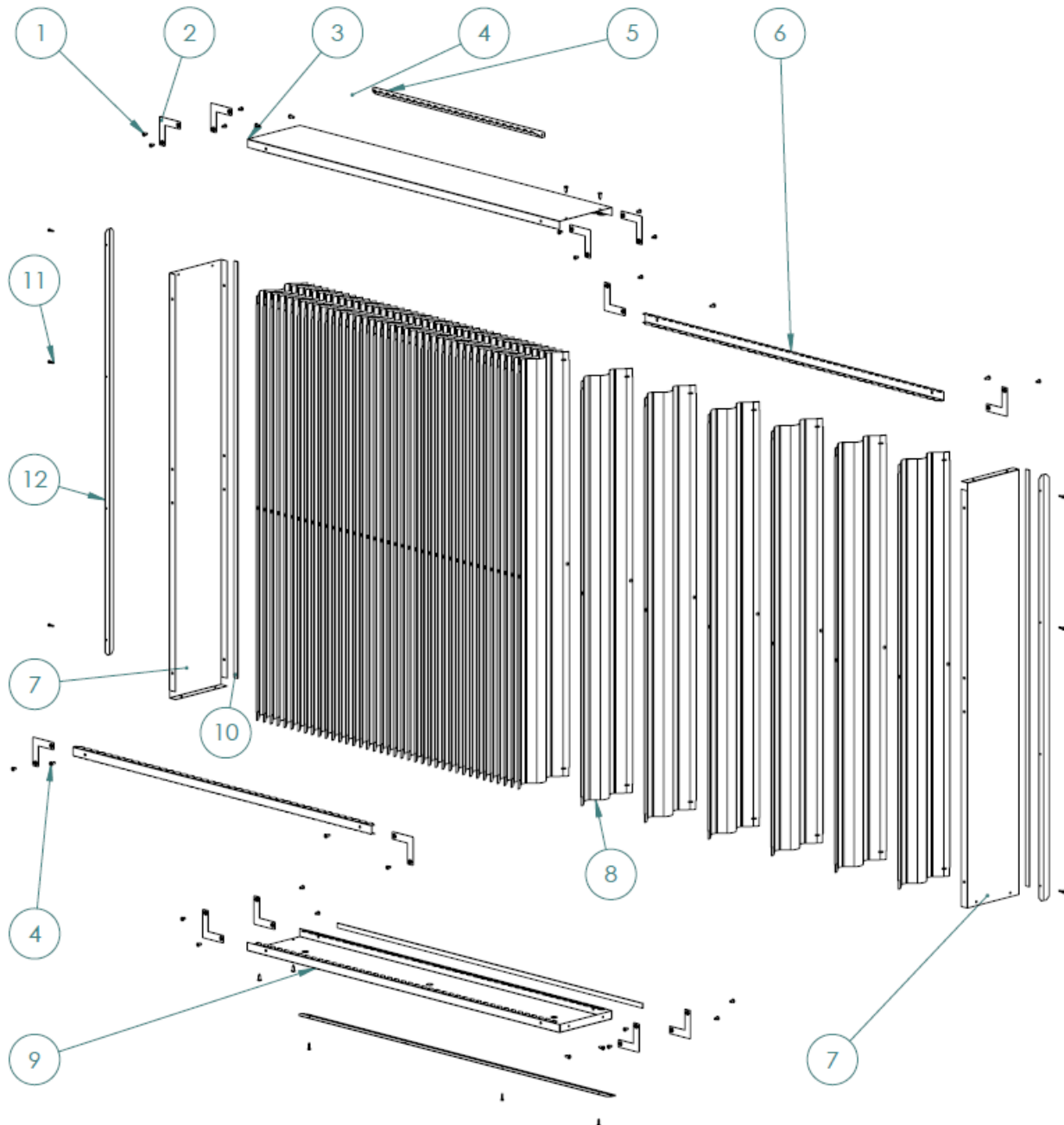


## NOTE








The assembly steps are referred to LFd50, however the sequence of the operations is the same for smaller and bigger models. Only variation is the number of plastic waves to be used in the different models



# 1. SPARE PART LIST

New LFd



## Spare parts



Ref.	Picture	Description	Qty.
1		Ø6.3x16 SELF-TAPPING SCREW (FLAT HEAD)	20
2		EMBOSSSED ANGLE BRACKET	12
3		TOP PANEL	1
4		Ø6.3X19 SELF-TAPPING SCREW (ROUND HEAD)	14
5		HOOK	1
6		WAVES LOCKING	2
7		SIDE PANEL	2

8		PLASTIC WAVE	TAB.1
9		BOTTOM PANEL	1
10		EPDM STRIP	4,1m
11		Ø4.2X19 SELF-TAPPING SCREW (OPTIONAL*)	12
12		ADDITIONAL FRAME (OPTIONAL)*	3

\*Only for New LFd 50

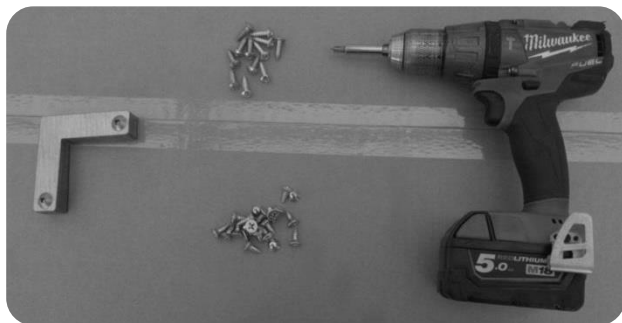
TAB.1 – REF.8					
Model	LFd52	LFd50	LFd36	LFd30	LFd24
PLASTIC WAVE	47	45	35	31	24

## 2. ASSEMBLING TOOLS

Ref.	Picture	Description	Qty.
1		CORDLESS DRILL	1
2		DIAGONAL PLIERS	1

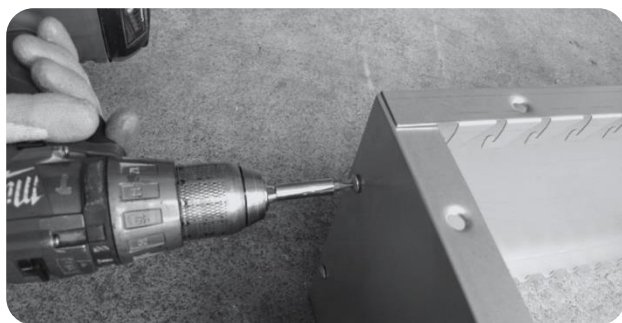
### 3. ASSEMBLY GUIDELINE

#### Assembly of frame



To assemble the New LFD verify to have:

- 12 angle brackets
- 20 self-tapping screws (flat head - 6.3x16)
- 12 self-tapping screws (round head - 6.3x19)
- 1 cordless drill



Assemble the bottom panel (the one with holes) together with the side panel by means of qty. 2 self-tapping screw (round head - 6.3x19), qty. 2 angle brackets and qty. 4 self-tapping screws (flat head - 6.3x16).



Assemble the top panel - same shape as bottom panel but without holes - together with the free side of the side panel by means of qty. 2 self-tapping screw (round head - 6.3x19), qty. 2 angle brackets and qty. 4 self-tapping screws (flat head - 6.3x16).

It is recommended using a cordless drill applying a torque of 16 Nm.

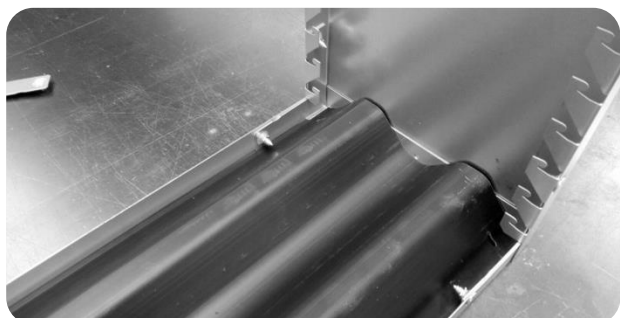






Place the 3 panels set on the floor. The side panel should adhere to the floor.

### Assembly of waves



Start to mount the plastic waves: insert the first wave under the first tooth.

Then proceed inserting all the other waves into the small teeth of the top and bottom panel in order to complete the filter.



Continue to assemble the Light Filter inserting all the waves until the last one.

## Completion of frame

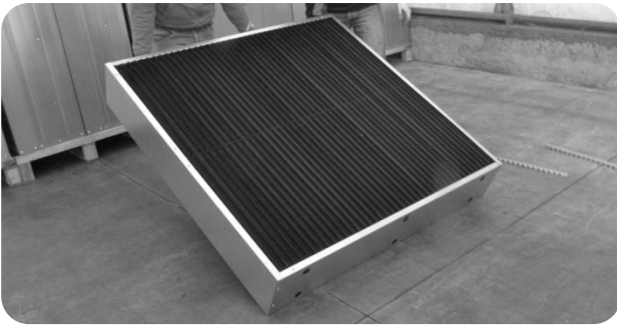


Assemble the angle brackets on the 2 panels (top and bottom) and insert the side panel. Fix them by means of qty. 8 self-tapping screws (flat head - 6.3x16) to the angle brackets plus 2 screws (round head - 6.3x19), one for each panel.

It is recommended using a cordless drill applying a torque of 16 Nm.



## Locking the waves



Turn the filter 90° to gain the operating position. The bottom panel should adhere to the floor.



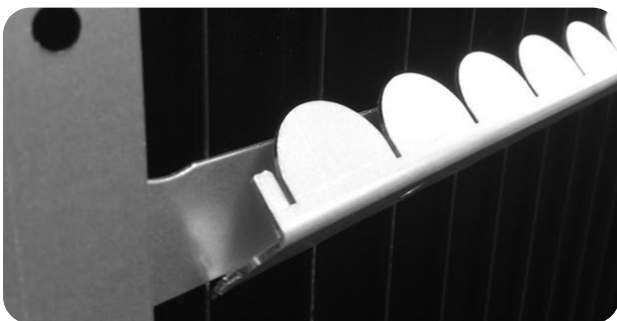
Insert qty. 4 angle brackets and fix them by means of qty. 4 self-tapping screws (flat head - 6.3x16).



It is recommended using a cordless drill applying a torque of 16 Nm.



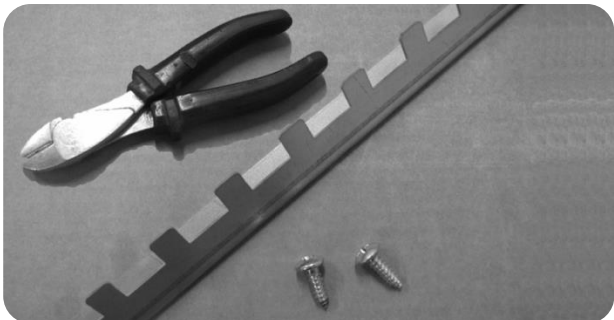
Insert the waves locking into the buttonholes and fix it by means of qty. 4 self-tapping screws (round head - 6.3x19).



It is recommended using a cordless drill applying a torque of 16 Nm.



## Installation of hook



To assemble the hook verify to have:

- 1 hook
- 2 self-tapping screws (round head - 6.3x19)
- 1 diagonal pliers

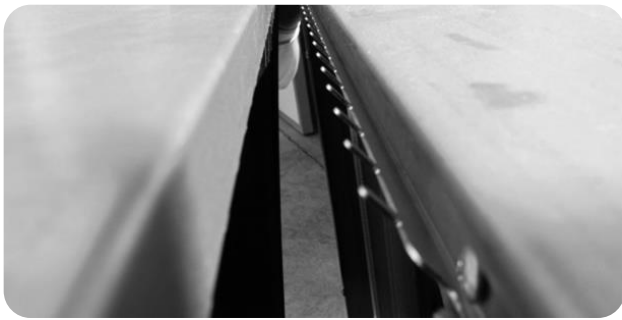


To install the hook, cut from the fan the safety mesh with a diagonal pliers but do not remove the safety protection for motor in order to comply with safety requirement.



Place the hook in the gap between the top panel and the central support and fix it by means of 2 self-tapping screws (round head - 6.3x19).

It is recommended using a cordless drill applying a torque of 16 Nm.



The fan is ready; now hook the Light Filter to the fan.



The Light Filter is complete and hooked to the fan.



#### NOTE

Please note that on some specific fans it may be requested an additional Spacer Kit. For further information, please contact the Customer Service.



## Application of EPDM strips



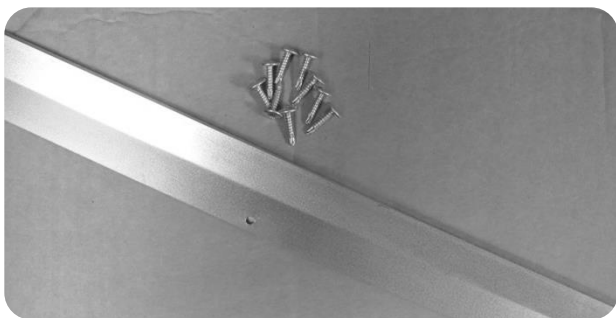
Open one EPDM strip.



Apply the EPDM strip on the 2 lateral panels and on the bottom panel of the Light Filter.

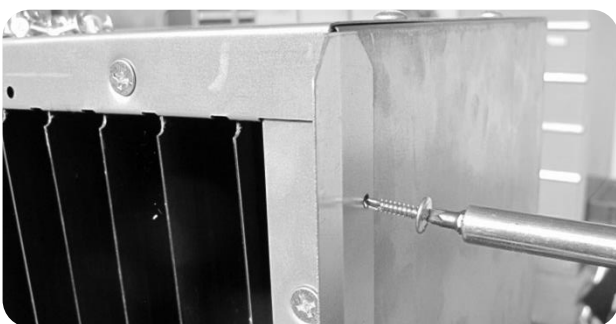


## Optional kit

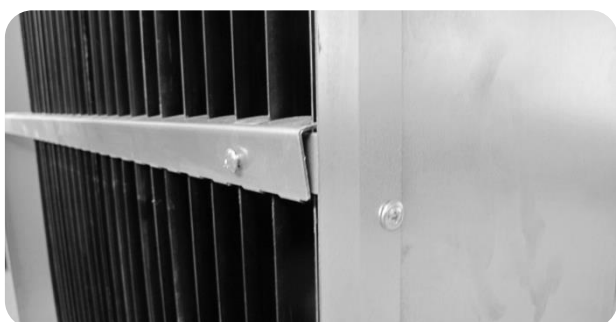


To assemble the optional kit verify to have:

- 3 additional frames
- 12 self-tapping screws (4.2x19)



Place the additional frame on the side panel and fix it by means of 4 self-tapping screws (4.2x19).



Perform the same operation also for the other side panel and the bottom panel.



Requests for technical assistance and spare parts must be made directly to the manufacturer, at the following address:

**Munters Italy S.p.A**

Strada Piani, 2

18027 Chiusavecchia (IM), Italy

Tel: +39 0183 52 11

Fax: +39 0183 521 333

[info@munters.it](mailto:info@munters.it)

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



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