

User Manual



MF Filter-Table/High. F9 or HEPA H13 Filter.

- **Downdraft Filter-Table for Standing Work Position. "Plug and Play".**
- **Fume and Dust is extracted downwards instead of being inhaled.**
- **Models with F9 Filter Cartridge (12m²) or HEPA H13 Filter Box (9m²).**
- **F9 Models Suitable for filtration of light welding fume and light dust.**
- **HEPA H13 Models for light Stainless Steel welding and Fine Dust.**
- **Can be equipped with Side- and Back Panels with "Quick Release".**
- **Height adjustable 0.85-1m work height.**
- **Clean Air Outlet at the Bottom of the Unit.**
- ***Castors are Accessories. Height adjustable Legs are standard.**

MF Filter-Tables/High with different Tops and Back/Side Panels .



Basic with Feet.
Table 0.7m(D)x0.6m(W).



Basic with Feet.
Table 0.7m(D)x0.9m(W).



Basic+Castors.
Table 0.7m(D)x0.6m(W).



With 0.2m high Back/Side Shields.
Table 0.7m(D)x0.6m(W).



With 0.2m high Back/Side Shields.
Table 0.7m(D)x0.9m(W).



As to the left+Castors.
Table 0.7m(D)x0.6m(W).



With 0.4m high Back/Side Shields.
Table 0.7m(D)x0.6m(W).



With 0.4m high Back/Side Shields.
Table 0.7m(D)x0.9m(W).



As to the left+Castors.
Table 0.7m(D)x0.6m(W).



"Quick Release".

The Side Panels can be demounted in seconds. Just lift and pull back and it will be loose.

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1.0 General Information.

A MF Downdraft Filter-Table/High is an easy and efficient way to create a work friendly booth with clean air.

The High models are for a standing work position. The table top of 4mm thick steel is either 0.6m(W)x0.7m(D) or 0.9m(W)x0.7(D)m. It is unpainted.

The table top height can be adjusted from 0.85m-1m and be equipped with side and back shields, 200/400mm high. Always an ergonomical work position

The unit is simple to install. Just plug it into an electric socket. Ready to use!

The contaminated air is exhausted downwards and not inhaled. Then the cleaned air is returned to the room at the bottom of the unit.

MF Downdraft Filter-Tables can be used for all sort of work where extraction and filtration of Fume and Dust is needed. Perfect for light welding and grinding in shoos and other work situations.

The F9 Filter Cartridge Models are equipped with a Sparktrap/Cartridge Holder which is loosened/tightened with 2 Wing Bolts.

The models with HEPA H13/W3 Filter Box are suitable for light stainless steel welding and very fine dust. They have an Alu Mesh Prefilter which is easy to wash and use again.

The Door has 4 expander locks to make it easy to open and lock. 4 locks makes sure that the door is tight.

To replace the F9 Filter Cartridge you open the door, loosen the 2 Wing Bolts and pull it out and replace it with a new.

To replace the HEPA H13 Filter Box you open the door and just pull the box out. The Alu Mesh Filter on top of the box can be cleaned and used again. Put the cleaned Alu Mesh in the top of a replacement HEPA H13 Filter Box (the side without seal!) and put it in. NOTE!! The SEAL DOWNWARDS!

1.1 Safety Note

Always disconnect the electricity supply before opening the Filter-Table.

Don't exhaust Sparks or Poisenous Dust.

Use adequate safety clothing when replacing dirty filters.

Dispose of used Filters according to local laws and regulations.

1.2 Range of Application.

The MF Filter-Table is designed for being a work-table/ work both with clean air. It is for indoor use. The F9 model has an filtration of 99% and the HEPA H13 of 99.95%. The cleaned air can be recirculated into the room as long as it is not against local laws and regulations.

1.3 Unit Description.

MF-F9 or MF-HEPA H13 Filter-Tables (High). Standing Work Position.



Complete Work Station with Clean Air and Standing Work Position.

MF-F9 and MF-HEPA Filter-Tables/High are complete “Plug and Play” workstations for standing work position. It will solve your “Health and Safety” problems. Perfect for all sorts of Light Welding, Grinding and Soldering. Just place it where it is needed and “Plug it in”. Dust and Fume will be extracted downwards and **will not be inhaled** by the operator. It will be cleaned by the built in F9 Filter or HEPA H13/W3 Filter and be returned to the premises (Check with Authorities).

F9 or HEPA H13 Filters. For welding/soldering in Normal Steel is MF-F9 with F9 Filter Cartridge (12m²) recommended. For Stainless Steel you have to have MF-HEPA with H13/W3 Filter Box (9m²). Over 99.95% Efficiency. The MF Filter-Tables are designed for light welding/soldering and light dust.

Adjustable Table Height and 2 Table Sizes.

The MF Filter-Tables/High are as standard equipped with height adjustable legs. The Table **Height** is adjustable from **0.85-1m**. Always a Comfortable and Ergonomic work position. **Table size: 0.6m(W)** x0.7m(D)x4mm or **0.9m(W)**x0.7m(D)x4mm. Can be equipped with heavy duty castors (P-956).

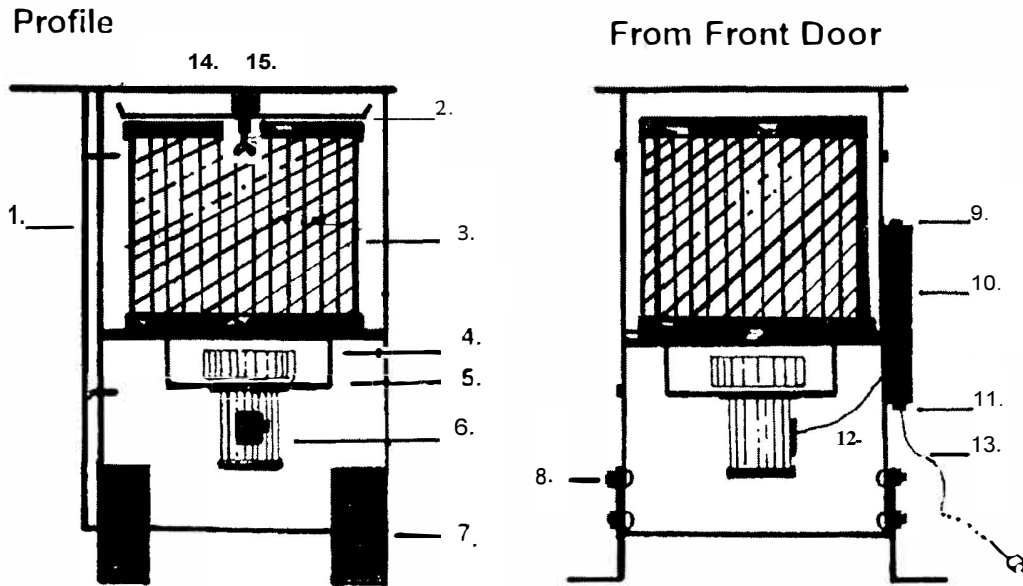
Side- and Back Shields.

The MF Filter-Table can be equipped with 200mm or 400mm high Back and Side Shields (to be ordered separately). The Side Shields can be put up/down in seconds with the “Quick Release”.

Art. No.

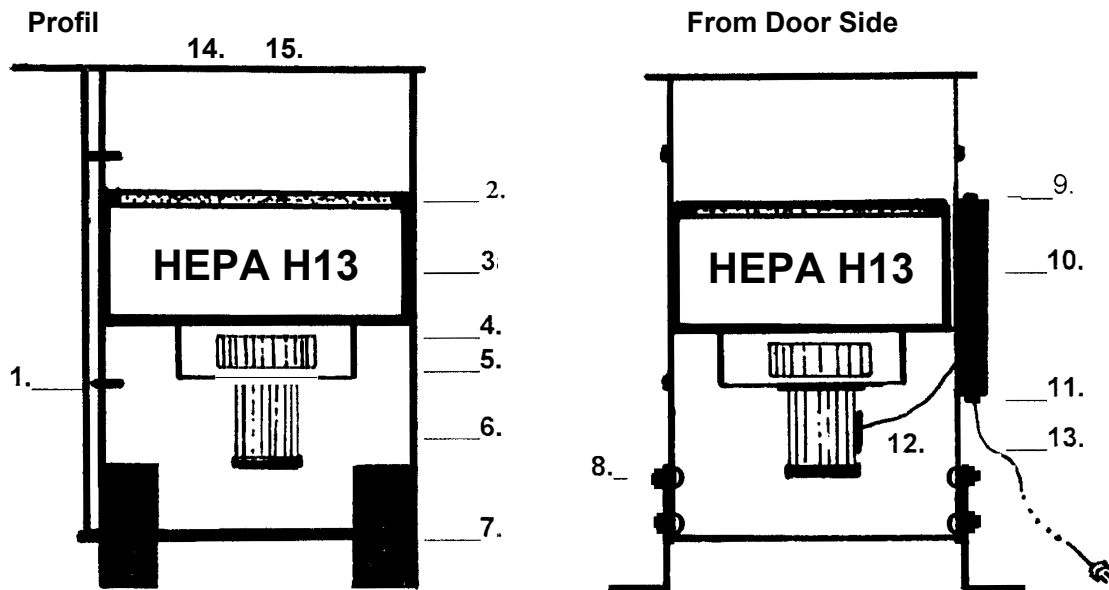
MF-F9 Filter-Table/High. 1-Ph./1.1Kw/220V/50Hz, Filter Cartr. F9 (12m²). 0.6m(W)x0.7m(D)x4mm.	P-929
MF-F9 Filter-Table/High. 1-Ph./1.1Kw/220V/50Hz, Filter Cartr. F9 (12m²). 0.9m(W)x0.7m(D)x4mm.	P-936
MF-HEPA Filter-Table/High.1-Ph/1.1kW/220V/50Hz,Filter Box H13/W3(9m²).O.6m(W)x0.7x4mm	P-934
MF-HEPA Filter-Table/High.1-Ph/1.1kW/220V/50Hz,Filter Box H13/W3(9m²).O.9m(W)x0.7x4mm	P-940
Back- and Side Shields 200mm high for Table 0.6m(W)x0.7m(D)x4mm.	P-930
Back- and Side Shields 400mm high for Table 0.6m(W)x0.7m(D)x4mm.	P-931
Back- and Side Shields 200mm high for Table 0.9m(W)x0.7m(D)x4mm.	P-937
Back- and Side Shields 400mm high for Table 0.9m(W)x0.7m(D)x4mm.	P-938
F9 Replacement Filter Cartridge 12m². For all MF Models High. (Not for ECO Models).	P-160
HEPA H13/W3 Replacement Filter Box 9m². For MF Models High/Low (Not for ECO Models).	P-967
Heavy Duty Castors with Brakes (125mm) 4 pcs. Fit directly on MF Filter-Table or on the Legs.	P-956
Holder for Welding Gun. Can be mounted to the right/left of all MF and MF-Eco Filter tables.	P-932

**Description: MF Filter-Table/High F9 Filter Cartridge.
(P-929, P-936).**



1. Door with 4xExenter Lock.
2. Spark Trap/Cartridge Holder with 2xM8x25mm Wing Bolts.
3. F9 Filter Cartridge (12 m²).
4. Fan Impellar.
5. Fan Housing.
6. Electric Motor 1-phase/1.1kW/220V/50Hz.
7. Legs, height adjustable 150mm (1pc.).
8. Coach Bolts M8x16mm(16 pcs.) with M8 Locking Nuts for the Legs (16pcs.). Important! Bolt Heads from the Inside!
9. Electric on/off Switch with Overload Protection.
10. Electric Box with 2xM8x35mm Hex Socket Button Bolts.
11. Cable Gland.
12. Motor Cable.
13. Cable with Plug.
14. Table Top 0.7m(D)x0.6m(W)x4mm with 6 pcs. of M6x16mm Hex Socket Countersunk Bolts.
15. Table Top 0.7m(D)x0.9m(W)x4mm with 6pcs. of M6x16mm Hex Socket Countersunk Bolts.

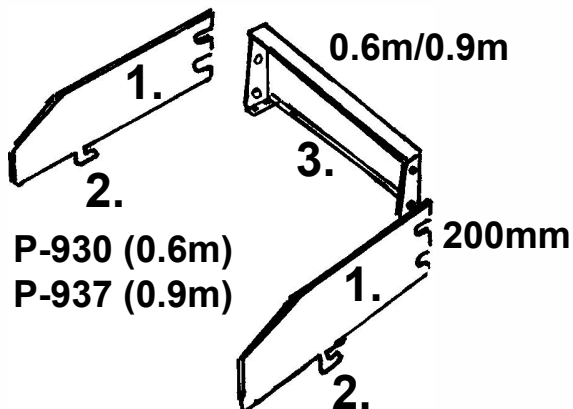
**Description: MF Filter-Table/High HEPA H13.
P-934, P-940.**



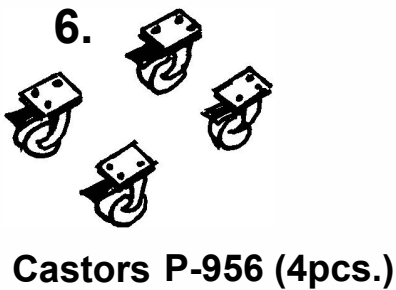
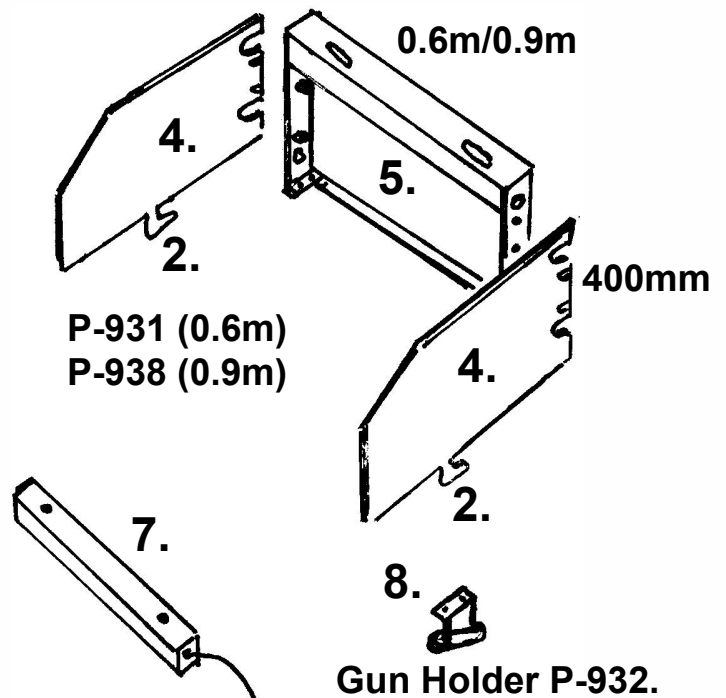
1. Door with 4xExenter Lock.
2. Pre-Filter of Alu Mesh. Washable.
3. HEPA H13(9m²) Filter Box.
4. Fan Impellar.
5. Fan Housing.
6. Electric Motor.
7. Legs height adjustable 150mm.
8. Coach Bolts M8x16mm 16 pcs. with 16 M8 Locking Nuts for the Legs.
NOTE! Bolt Heads from the Inside!
9. Electric on/off Switch with Overload Protection.
10. Electric Box with 2xM8x35mm Bolts.
11. Cable Gland.
12. Motor Cable.
13. Cable with Plug.
14. Table Top 0.7m(D)x0.6m(W)x4mm with 6xM6x16mm Hex Socket Countersunk Bolts.
15. Table Top 0.7m(D)x0.9m(W)x4mm with 6xM6x16mm Hex Socket Countersunk Bolts.

Description: Accessories MF Filter-Table.

Back/Side Shields/200mm high.



Back/Side Shields/400mm high.

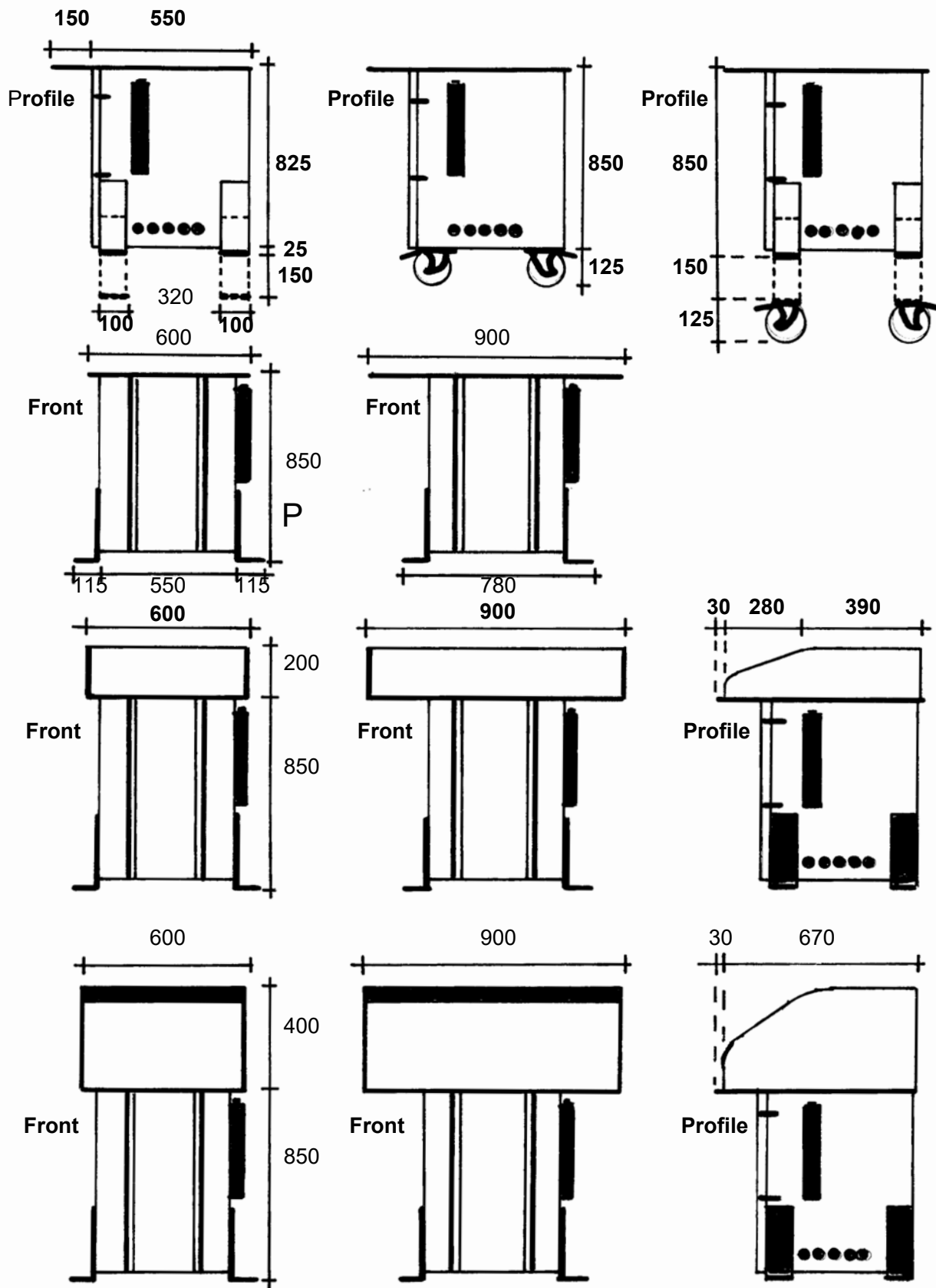


Flouroscent Light.

Gun Holder P-932.

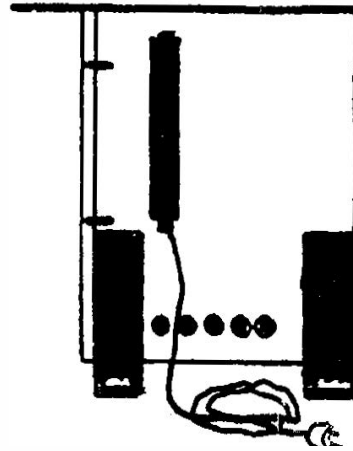
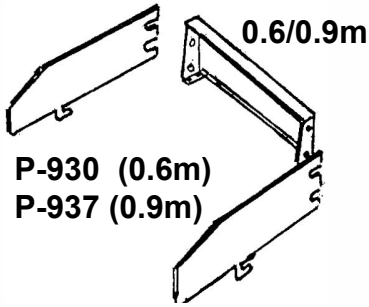
1. Quick Release Side Shield/200mm high.
2. Quick Release Hook fits into Hole on Table Top.
3. 3a. Back Shield 0.6m wide/200mm high.
3b. Back Shield 0.9m wide/200mm high.
4. Quick Release Side Shield/400mm high.
5. 5a. Back Shield 0.6m wide/400mm high.
5b. Back Shield 0.9m wide/400mm high.
6. Castor 125mm high with Brake. 360 Degree.
7. Flouroscent Light for 400mm high Back Shield.
8. Holder for Welding- or Compressed Air Gun. Can be mounted to the Right or to the Left of the Table Top.

1.4 Measures (mm) MF Filter-Table/High.

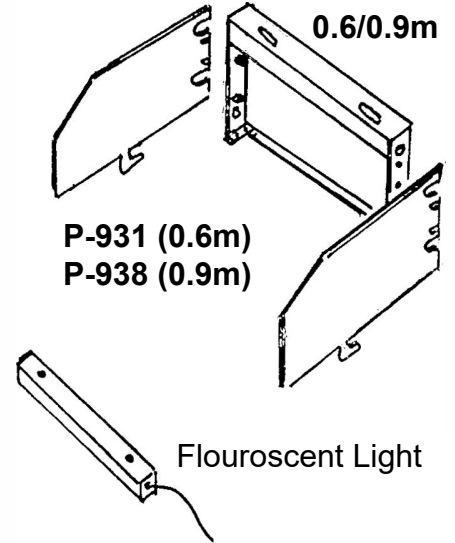


1.5 Mounting Instruction MF Filter-Table/High.

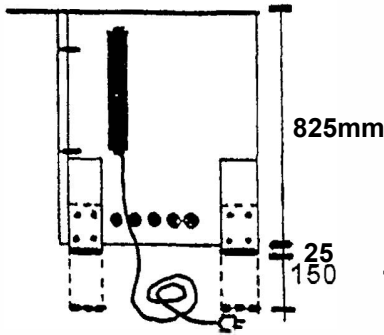
Delivery:



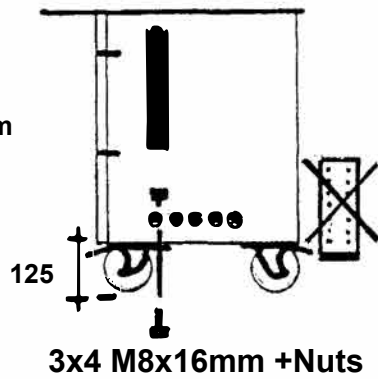
P-929 (F9) 0.6m(W)x0.7m
P-936 (F9) 0.9m(W)x0.7m
P-934 (HEPA) 0.6m(W)x0.7m
P-938 (HEPA) 0.9m(W)x0.7m



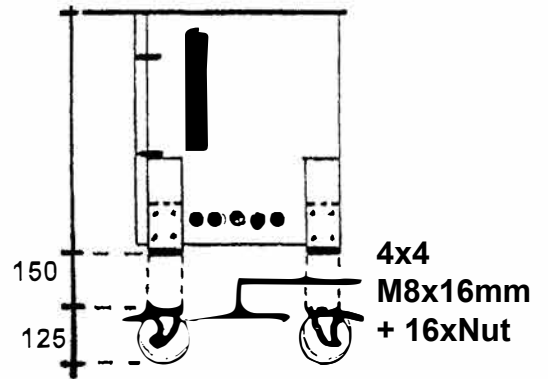
Height adjustment



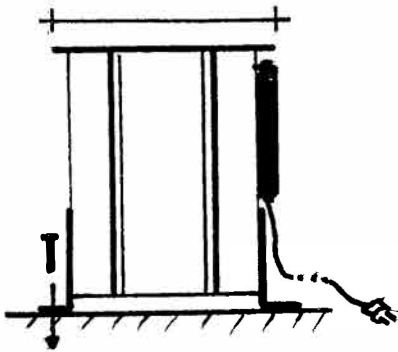
Mounting of Castors



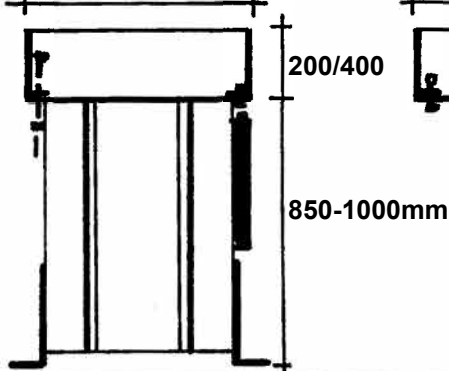
Mounting of Castors on adjustable Legs



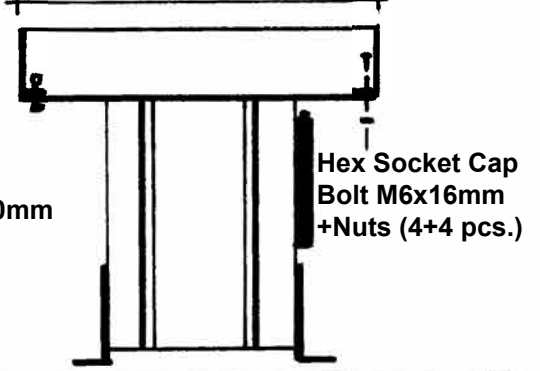
Fix to Floor



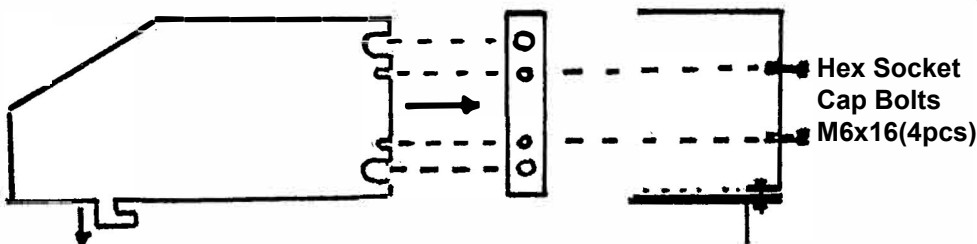
Mounting of 0.6m Back Shield



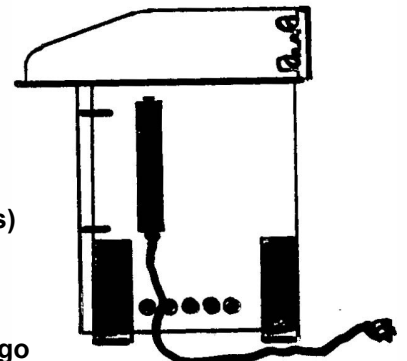
Mounting of 0.9m Back Shield



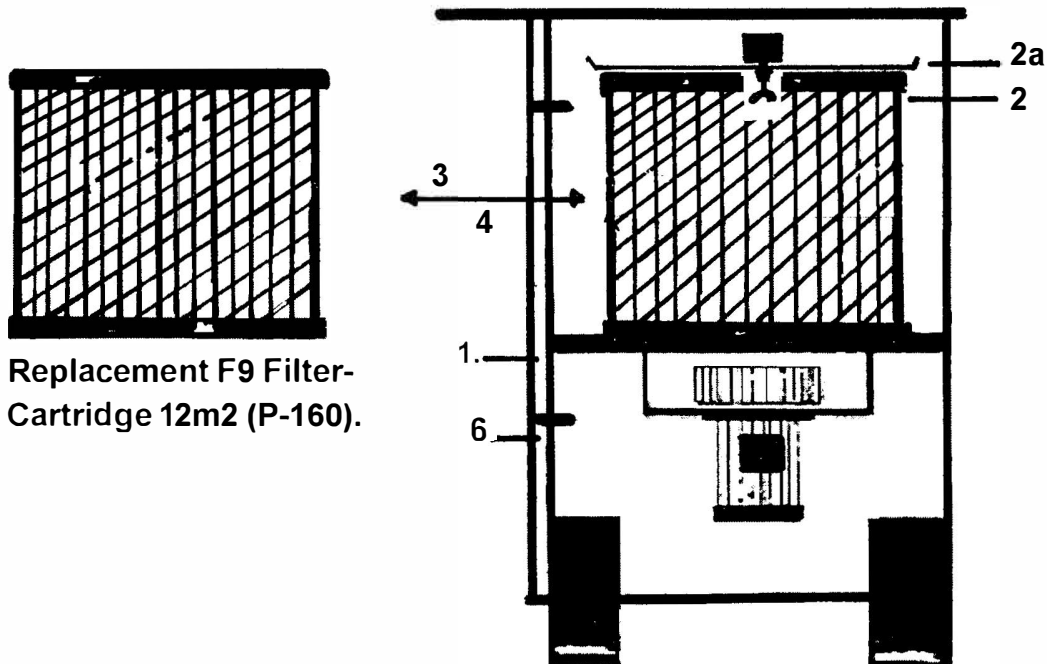
Mounting of Quickrelease Side Shields



Push the Shield until the small slots can slide over the Bolts. Let the Hook go down into the slot in the table. Push forward until stop. Tighten the Bolts light.



1.6.1 Change of F9 Filter Cartridge(12m2): MF Filter-Table/High.

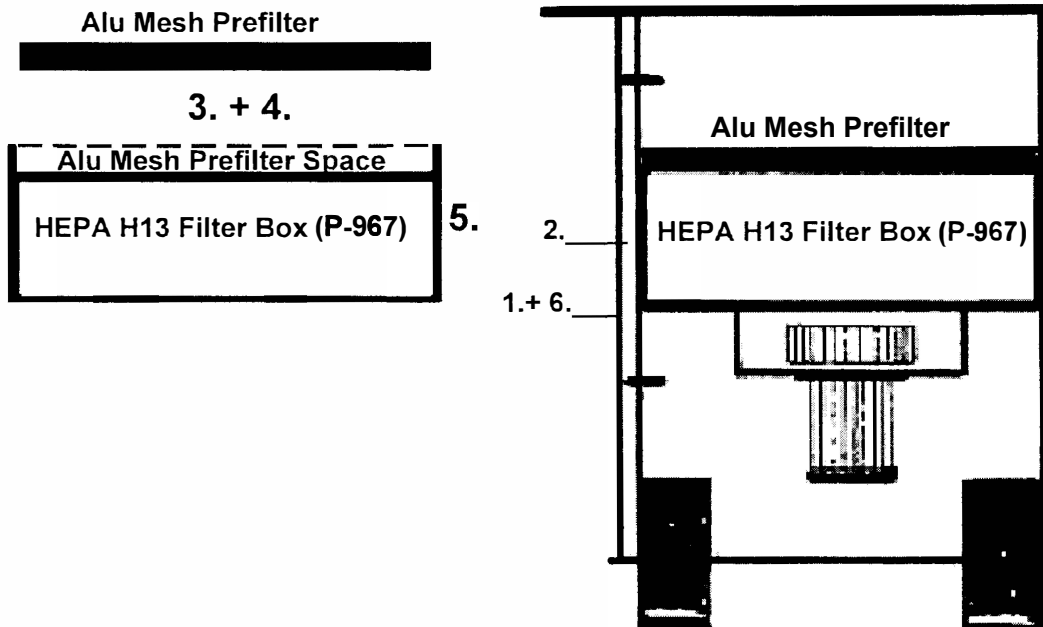


Switch off the Fan and Use adequate Safety Clothing!!

Recommended Steps to Replace a F9 Filter Cartridge.

1. Open the 4 Exenter Locks on the Door and lift it off.
Place it in a safe Place.
2. Loosen the two Wingnuts and pull out the Spark Trap (2a).
3. Pull out the F9 Filter Cartridge and put it in a safe place until you can dispose of it.
4. Put in a replacement Filter Cartridge with the SEAL DOWNWARDS!!
Be sure it is centered around the inlet of the Fan.
5. Put back the spark trap (2a) and tighten the wing nuts (2).
6. Replace the Door and lock it with the 4 Exenter Locks.
7. The MF Filter-Table is now ready for use again.
8. Dispose of the old Filter Cartridge according to Local Laws and Regulations.

1.6.2 Change of HEPA Filter Box(9m2): MF Filter-Table/High.



Switch off the Fan and Use adequate safety Clothing.

Recommended Steps to Replace the Filter Box and the Alu Mesh Filter.

1. Open the 4 Exenter Locks on the Door and lift it off.
Place it in a safe Place.
2. Pull out the HEPA H13 Filter Box, which has the Alu Mesh Filter inside of the Top.
3. Take out the Alu Mesh Filter and Clean/Wash it.
4. Place the cleaned/washed Alu Mesh Filter in the top of a Replacement HEPA H13 Filter Box. Be sure it is in the side WITHOUT SEAL.
5. Put the Filter Box with the Alu Mesh Filter back into the Filter-Table.
Note that the SEAL shall be DOWNWARDS!!
6. Replace the Door and lock it with the 4 Exenter Locks.
7. The MF Filter-Table is now ready for use again.
8. Dispose of the old Filter Box according to Local Laws and Regulations.

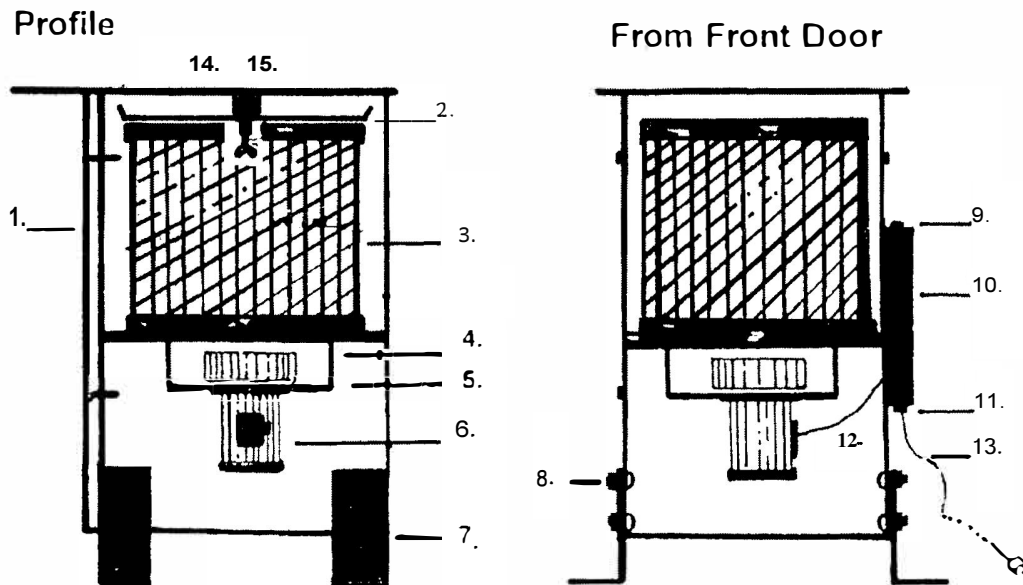
2.0 Maintenance

2.1 General Information.

The MF Filter-Tables are robust and normally don't need much maintenance. However the following should be checked at least 2 times a year.

- 1. Check that all bolts are tight.**
- 2. Check if the extraction is good enough. If not please see "1.6 Change of Filter" above. There is no Problem with changing from F9 Filter Cartridge to HEPA H13 Filter Box or vice versa if the work situation has changed. You can also change to an Active Carbon Filter Cartridge(P-962) if needed.**
- 3. Check the Electric Cable. If there are damages on it, you have to change it. Use Plymoth original spare parts. A certified Electrician has to do the change.**
- 4. Check with the Operator that the table height is comfortable. If not adjust the height of the Legs.**

2.2.1 Spare Parts MF Filter-Table/High F9 Filter Cartridge. (P-929, P-936).

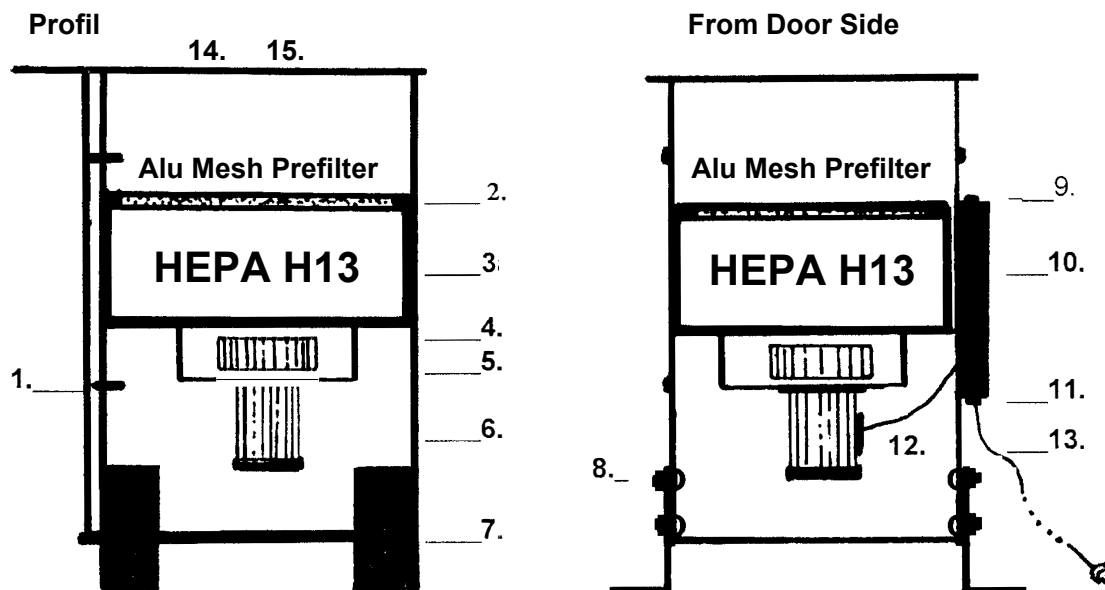


When ordering Spare Parts please specify:

- a. Name and P-number of Your Product.
- b. Number and Text from below.
- c. Quantity of each Spare Part.

1. Door with 4xExenter Lock.
2. Spark Trap/Cartridge Holder with 2xM8x25mm Wing Bolts.
3. F9 Filter Cartridge (12 m²).
4. Fan Impellar.
5. Fan Housing.
6. Electric Motor 1-phase/1.1kW/220V/50Hz.
7. Legs, height adjustable 150mm (1pc.).
8. Coach Bolts M8x16mm(16 pcs.) with M8 Locking Nuts for the Legs (16pcs.). Important! Bolt Heads from the Inside!
9. Electric on/off Switch with Overload Protection.
10. Electric Box with 2xM8x35mm Hex Socket Button Bolts.
11. Cable Gland.
12. Motor Cable.
13. Cable with Plug.
14. Table Top 0.7m(D)x0.6m(W)x4mm with 6 pcs. of M6x16mm Hex Socket Countersunk Bolts.
15. Table Top 0.7m(D)x0.9m(W)x4mm with 6 pcs. of M6x16mm Hex Socket Countersunk Bolts.

2.2.2 Spare Parts MF Filter-Table/High HEPA. P-934, P-940.



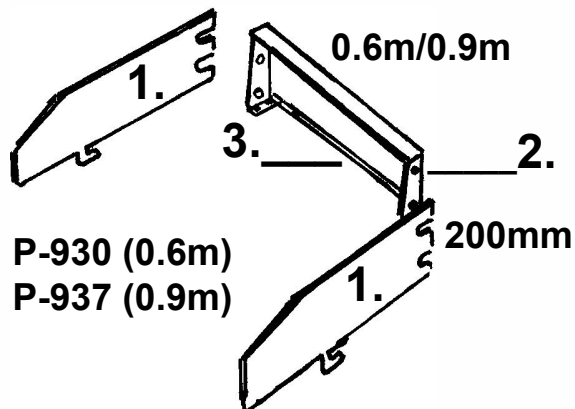
When ordering Spare Parts please specify:

- a. Name and P-number of Your Product.
- b. Number and Text from below.
- c. Quantity of each Spare Part.

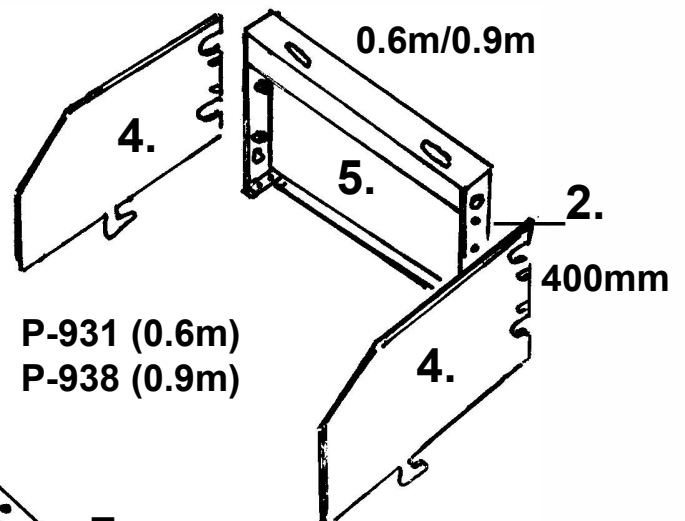
1. Door with 4xExenter Lock.
2. Pre-Filter of Alu Mesh. Washable.
3. HEPA H13(9m²) Filter Box.
4. Fan Impellar.
5. Fan Housing.
6. Electric Motor.
7. Legs height adjustable 150mm.
8. Coach Bolts M8x16mm 16 pcs. with 16 M8 Locking Nuts for the Legs.
NOTE! Bolt Heads from the Inside!
9. Electric on/off Switch with Overload Protection.
10. Electric Box with 2xM8x35mm Bolts.
11. Cable Gland.
12. Motor Cable.
13. Cable with Plug.
14. Table Top 0.7m(D)x0.6m(W)x4mm with 6xM6x16mm Hex Socket Countersunk Bolts.
15. Table Top 0.7m(D)x0.9m(W)x4mm with 6xM6x16mm Hex Socket Countersunk Bolts.

2.2.3 Spare Parts Accessories MF Filter-Table.

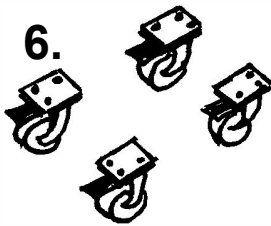
Back/Side Shields/200mm high.



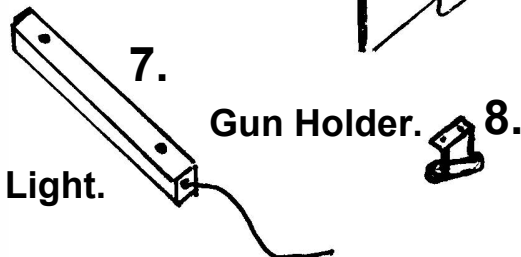
Back/Side Shields/400mm high.



Castors.



Flouroscent Light.



When ordering Spare Parts please specify:

- a. Name and P-number of Your Product.
 - b. Number and Text from below.
 - c. Quantity of each Spare Part.
1. Quick Release Side Shield/200mm high (1pc.).
 2. Hex Socket Cap Bolts M6x16mm for Quick Release (4pcs.)
 3. 3a. Back Shield 0.6m wide/200mm high with Hex Socket Cap Bolts 4xM6x16mm and Locking Nuts 4xM6 (1pc.).
3b. Back Shield 0.9m wide/200mm high with Hex Socket Cap Bolts 4xM6x16mm and Locking Nuts 4xM6 (1pc.).
 4. Quick Release Side Shield/400mm high (1pc.).
 5. 5a. Back Shield 0.6m wide/400mm high with Hex Socket Cap Bolts 4xM6x16mm and Locking Nuts 4xM6 (1Pc.).
5b. Back Shield 0.9m wide/400mm high with Hex Socket Cap Bolts 4xM6x16mm and Locking Nuts 4xM6 (1pc.).
 6. Castor 125mm high with Brake. 360 Degree (1pc.).
 7. Flouroscent Light for 400mm high Back Shield (1pc.)
 8. Gun Holder + 2xM6 Hex Socket Countersunk Bolts (1pc.)



Declaration of conformity

We, J. Plymoth AB, declare under our sole responsibility that the product lines **MF-F9/HEPA, MF-Active Carbon, MF-Eco/F9, MF-Eco/HEPA, MF-Filter-Tables, MF-Eco Filter-Tables, FK-Mesa Backdraft Filter-Tables, MKF Filter-Tables, Labbe, MF-Lab, MF-Eco Lab, CF Central Filters, Mobo-Oil, Denta-Flex, Fica-Flex and VBF-Office** to which this declaration relates is in conformity with Directives 2006/42/EC, 2014/30/EU, 2011/65/EU and Standards EN 60204-1:2006, EN ISO 12100:2010, EN ISO 15012-1:2013, EN 61000-6-2:2005, EN 61000-6-3:2007, EN ISO 20607:2019.

J. Plymoth AB
Traryds Allen 4D
28772 Traryd

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A handwritten signature in blue ink, appearing to read 'Jenny Nilsson', is written over the printed name and title.

Jenny Nilsson
Verkställande Direktör

2023-01-01