PRODUCT GUIDE

Version 2004:02

Filtronic Sweden

For a better workbench environment

Filtronic Sweden

PRODUCT LINES

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                      Accessories

    BT-series   High airflow systems

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                    Accessories
                    Compose your own extraction arm!

3. FILTER SYSTEMS for tip extraction integrated on soldering irons

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MG-High airflow systems
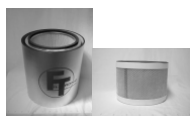
for connection of extraction arms

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Article number	Description
950-1000-ESD	**Filter unit MG95, ESD-safe**

with filter guard for gas and particles

Filter unit operated by electricity for fumes and gases for connection to one or two extraction arms. Delivered complete with remote control and two connection hoses (1000 mm).

Technical data MG95

Height (mm)	640
Width (mm)	465
Depth (mm)	220
Weight (kg)	21
Noise level dB(A) 1 m	38-49
Voltage 1-phase 50/60 Hz (Volt)	100-240
Effect (Watt)	100
Max. suction capacity (m^3/h)	100
Micro filter-tested separation degree DOP	>99,97%
Gas filter-Purafil CP-Select-Media, separation degree	>93%
Visual filter guard gas	Yes
Visual filter guard particles	Yes

Replacement filters MG95

950-2000-ESD	Micro/Gas filter, standard
950-2002-ESD	Micro/Gas filter, Clean Room
950-2003-ESD	Micro/Gas filter, solvents type MEK
950-2005-ESD	Micro/Gas filter, Epoxy
950-2006-ESD	Micro/Gas filter, ammonia
950-2007-ESD	Micro/Gas filter, CO_2

750-1000-ESD

Filter unit MG75, ESD-safe
with filter guard for gas and particles

Filter unit operated by electricity for fumes and gases for connection to one extraction arm. Delivered complete with remote control and one connection hose (1000 mm).

Technical data MG75

Height (mm)	640
Width (mm)	465
Depth (mm)	220
Weight (kg)	18
Noise level dB(A) 1 m	38-49
Voltage 1-phase 50/60 Hz (Volt)	100-240
Effect (Watt)	100
Max. suction capacity (m^3/h)	70
Micro filter – tested separation degree DOP	>99,97%
Gas filter – Purafil CP-Media, separation degree	>93%
Visual filter guard gas	Yes
Visual filter guard particles	Yes

750-1010-ESD

Filter unit MG75 " Clean Room", ESD-safe
as above but with higher demands on filtration of particles for Clean Room-applications (10000 particles/m^3).

Replacement filters MG75

750-2000-ESD	Micro/Gas filter, standard
750-2002-ESD	Micro/Gas filter, Clean Room
750-2003-ESD	Micro/Gas filter, solvents type MEK
750-2005-ESD	Micro/Gas filter, Epoxy-application
750-2006-ESD	Micro/Gas filter, ammonia
750-2007-ESD	Micro/Gas filter, CO_2

Please state which power cord you require for the units:

PC-UK	**Power cord model United Kingdom**
PC-EU	**Power cord model Europe**
PC-US	**Power cord model USA**
PC-AU	**Power cord model Australia**

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MG-High airflow systems
for connection of extraction arms

Article number	Description

100-1000-ESD

Filter unit MG100S
Filter unit operated by electricity for fumes and gases for connection to two extraction arms.

Technical data MG100S

Height (mm)	610
Width (mm)	460
Depth (mm)	210
Weight incl filter cartridge (kg)	21
Noise level dB(A) 1 m	52
Voltage 1-phase 50/60Hz (Volt)	100-240
Effect (Watt)	100
Max. suction capacity (m^3/hr)	100
Micro filter HEPA -styled - separation degree DOP	>99,97%
Gas filter - Chemisorbtion media, efficiency	>93%
Filter alarm	Yes, light/sound

100-1032-ESD

Filter unit MG100S with flexible extraction arms Ø 32 mm
2 pcs of extraction arm 4002 are included in the delivery.

100-1055-ESD

Filter Unit MG100S with flexible extraction arms Ø 55 mm
2 pcs of extraction arm 3035 are included in the delivery.

Replacement filters MG100S

100-2000-ESD	Micro/gas filter, standard
100-2003-ESD	Micro/gas filter, MEK-application
100-2005-ESD	Micro/gas filter, Epoxy-application
100-2006-ESD	Micro/gas filter, ammonia
100-2007-ESD	Micro/gas filter, CO_2

800-1000-ESD

Filter unit MG350S, ESD-safe*
Filter unit operated by electricity for fumes and gases for connection to serveral extraction arms or to a small suction cabinette.
Delivered complete with remote control.

Technical data MG350S

Max. No. of extraction arms (pcs) at 40 m^3/h	6
Height (mm)	1000
Diameter (mm)	430
Weight (kg)	45
Noise level dB(A) 1 m (250 m^3/h, 600 Pa)	54
Voltage 1-phase (Volt)	230
Effect (Watt)	300
Suction capacity (m^3/h)	310
Micro filter – tested separation degree DOP	>99,97%
Gas filter – Purafil CP-Media, separation degree	>93%
Visual filter Guard gas	Yes
Visual filter guard particles	Yes

Replacement filters MG350S

800-2000	Micro filter
800-2001	Gas filter, standard
800-2003	Gas filter, solvents type MEK
800-2006	Gas filter, ammonia
800-2007	Gas filter, CO_2

Please state which power cord you require for the units:

PC-UK	**Power cord model United Kingdom**
PC-EU	**Power cord model Europé**
PC-US	**Power cord model USA**
PC-AU	**Power cord model Australia**

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BT-High airflow system
for connection of extraction arms

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Article number	Description
500-1000	**Filter unit BT75**

Filter unit operated by electricity for fumes.
Delivered with an integrated extraction arm.

Technical data BT75

Height (mm)	785
Width (mm)	285
Depth (mm)	240
Weight (kg)	6,2
Sound level dB(A) 1 m	54
Voltage 1-phase 50/60Hz (Volt)	100-240
Effect (Watt)	60
Max. suction capacity freeblowing (m^3/h)	150
Max. suction capacity with filters (m^3/h)	75
Micro filter-tested separation degree DOP	99,97%
Activated carbon gasfilter	Yes
Visual particles filter guard	Yes

Technical data extraction arm (0F07)

Diameter (mm)	Ø 55
Length, extended (mm)	700
Antistatic	Yes

Replacement filters BT75

500-2000	Micro filter
500-4000	Pre filter bag (5 pcs/pack)

Please state which power cord you require for the units:

PC-UK	**Power cord model United Kingdom**
PC-EU	**Power cord model Europe**
PC-US	**Power cord model USA**
PC-AU	**Power cord model Australia**

See also accessories for High airflow systems

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Accessories to High airflow systems
for MG70 / MG75 / MG80S / MG95 / MG100S / MG350S / BT75

Article number	Description
950-3202-ESD	**Mobile unit with wheels and arm attachment for MG75 / M G95** (is delivered without filter unit and extraction arms). Width (mm) 450 Depth (mm) 450 Height (mm) 750
750-3001-ESD	**Set for table mounting for MG75** *To be mounted on the back of the unit.*
780-3001-ESD	**Set for table mounting for MG100S** *To be mounted on the edge of the work bench.*
700-3042	**Y-connection with quick-connection**
700-3043-ESD	**Y-connection with quick-connection, ESD**
700-3040-ESD	**Connection hose, aluminium covered Ø 65 mm, complete with quick-connection, length = 1000 mm (standard)**
700-3041-ESD	**Connection hose, aluminium covered, Ø 65 mm, complete with quick-connection, length = 2000 mm**
700-3051-ESD	**Connection hose, aluminium covered, Ø 65 mm, complete with quick-connection, length = 3000 mm**
700-3052-ESD	**Connection hose, aluminium covered, Ø 65 mm, complete with quick-connection, length = 4000 mm**
700-3053-ESD	**Connection hose, aluminium covered, Ø 65 mm, complete with quick-connection, length = 5000 mm**
700-3055-ESD	**Connector for hoses, complete with 2 x male quick-connection, length = 120 mm**
700-3027	**Flexible hose Ø 55 mm, length (extended) =1,45 m (price per piece)**
700-3034	**Flexible hose Ø 32 mm, length (extended) =1,45 m (price per piece)**
700-3028	**Vaneometer** *Instrument for measuring air speed (m/s).*
750-3003	**Holder for remote control (MG75 / MG95 / MG350S)** *For installation on extraction arms, fits on pipes Ø 50-60 mm.*
950-4000 **750-4000**	**Prefilter for MG95** **Prefilter for MG75** (picture)
750-4100	**Replacement filter (5 pcs) for prefilter MG95/ MG75**

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Accessories to High airflow systems

for MG70 / MG75 / MG80S / MG95 / MG100S / MG350S/ BT75
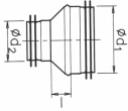
Article number	Description
800-5001-ESD	Connection hose, aluminium covered Ø 100 mm, for MG350S, by meter.
800-5002	Reduction Ø100/63 mm with quick-connection
800-5004	Reduction Ø80/63 mm with quick-connection

Spare parts MG-Series

300-3002	Lid to MG70, complete
300-3003	Fan part to MG70, complete
300-3004	Base with spring clips for MG70, complete
300-5000	Remote control box for MG75
300-5001	Cables for remote control box for MG75 and MG350S
300-5004	Remote control box for MG350S
300-5005	Remote control box for MG95
700-3003-ESD	Transformer for MG70
700-3011-ESD	Brackets (pair) for table attachment on extraction arms
700-3019	Sound damper MG70

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Extraction arms 60 mm
for connection to High airflow systems

The extraction arms are ESD-approved in the Filtronic Sweden filter systems. If connected to other suction source ground connection must be secured.

Article number	Description
599E0-0000-0F07	**Extraction arm 3046 (Ø 60 mm)** *Short extraction arm with 700 mm flexible hose part (incl. Ball joint).* Diameter (mm) Arm Ø 60 Measure/arm part (mm) 230 / 700 Total measure (mm) 930 *Complete the arm with nozzles, see page 2:3.*
599EW-0000-0F07	**Extraction arm 3446 (Ø 60 mm)** *As above but with air valve.*
5A3B0-0000-AF07	**Extraction arm 3015 (Ø 60 mm)** *Short extraction arm with 700 mm flexible hose part (incl. table console)* Diameter (mm) Arm Ø 60 Measure/arm part (mm) 230 / 895 Total measure (mm) 1125 *Complete the arm with nozzles, see page 2:3.*
5A3BW-0000-AF07	**Extraction arm 3415 (Ø 60 mm)** *As above but with air valve.*
5A3B0-A500-AF05	**Extraction arm 3007 (Ø 60 mm)** *Extraction arm with 500 mm flexible hose part (incl. table console).* Diameter (mm) Arm Ø 60 Measure/arm part (mm) 230 / 395 / 695 Total measure (mm) 1320 *Complete the arm with nozzles, see page 2:3.*
5A3BW-A500-AF05	**Extraction arm 3407 (Ø 60 mm)** *As above with air valve.*
5A3B0-H500-A200-P	**Extraction arm 3013 (Ø 60 mm)** *Short extraction arm with horizontal link and metal nozzle (incl. table console).* Diameter (mm) Arm Ø 60 Nozzle Ø 50 Measure/arm part (mm) 230 / 430 / 195 / 105-235 Total measure (mm) 960-1090
5A3BW-H500-A200-P	**Extraction arm 3413 (Ø 60 mm)** *As above but with air valve.*
50000-0000-0F15-A	**Extraction arm 3035 (Ø 55 mm)** *Flexible extraction arm with funnel -shaped nozzle, model Alfa, for direct connection to MG75 / MG95 / MG100S / BT75 units.* Diameter (mm) Arm Ø 55 Total measure (mm) 1450 Nozzle BxH (mm) 225x100

2:1

Extraction arms 32 mm

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Article number	Description
3A3B0-0000-AF07	**Extraction arm 4000 (Ø 32 mm)** *Short extraction arm with 700 mm flexible hose part (incl. table console).*

Diameter (mm)   Arm Ø 60
End part Ø 32
Measure/arm part (mm)   230 / 895
Total measure (mm)   1125

3A3BW-0000-AF07 **Extraction arm 4400 (Ø 32 mm)** *As above but with air valve.*

399B0-0000-AF99 **Extraction arm 4001 (Ø 32 mm)** *Short extraction arm with two 700 mm flexible hose parts (incl. table console.)*

Diameter (mm)   Arm Ø 60
End part Ø 32
Measure/arm part (mm)   230 / 895
Total measure (mm)   1125

399BW-0000-AF99 **Extraction arm 4401 (Ø 32 mm)** *As above but with air valve.*

30000-0000-0F15 **Extraction arm 4002 (Ø 32 mm)** *Flexible extraction arm for direct connection to MG75 / MG95 / MG100S /BT75 units.*

Diameter (mm)   Connection Ø 60
Arm Ø 32
End part Ø 32
Total measure (mm)   1450

Accessories
for 60 mm extraction arms (article numbers start with 5)

Article number	Description
K (to be discontinued)	**Plastic nozzle, antistatic, not ESD-approved (¤)** *Fits extraction arm with flexible hose part* Width (mm) 140 Height (mm) 80 Connection (mm) quick-connection Ø 60
L	**Plastic nozzle, antistatic, not ESD-approved (¤)** *Fits extraction arm with flexible hose part* Width (mm) 190 Height (mm) 100 Connection (mm) quick-connection Ø 60
U	**Plastic nozzle, ESD (black) (¤)** *Fits extraction arm with flexible hose part* Width (mm) 190 Height (mm) 100 Connection (mm) quick-connection Ø 60
X	**Plastic nozzle, ESD (black (¤)** *Fits extraction arm with flexible hose part* Width (mm) 345 Height (mm) 75 Depth (mm) 240 Connection (mm) quick-connection Ø 60
ALFA	**Plastic nozzle, ESD (black) (¤)** *Fits extraction arm with flexible hose part* Width (mm) 225 Height (mm) 100 Connection (mm) quick-connection Ø 60
N	**Metal tube nozzle, short, ESD (¤)** *Fits extraction arm with flexible hose part* Diameter (mm) Ø 50 Length (mm) 130
NS	**Metal tube nozzle, short, with grid ESD (¤)** *Fits extraction arm with flexible hose part* Diameter (mm) Ø 50 Length (mm) 130
P	**Metal tube nozzle, long, ESD** *Fits extraction arm without flexible hose part* Diameter (mm) Ø 50 Length (mm) 300
Z	**Adapter, ESD** *for extraction arms without flexible hose part*
700-3033-ESD (to be discontinued)	**Suction hood with transparent top and flexible junction, ESD** Width (mm) 470 Height (mm) 150 Depth (mm) 180 Connection (mm) Ø 75 Junction (mm) Ø75 / Ø 60 quick-connection
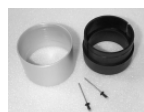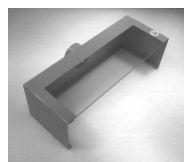
(¤) = to be mounted on an extraction arm without flexible hose part, adapter Z is needed.

2:3

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Accessories
For extraction arms (both 32 mm and 60 mm)

Article number	Description
700-3026	**Cleaning brush for extraction arm Ø 60 mm**
W SPECIAL	**Valve part, with quick -connection, for extraction arm** *For installation on extraction arm without air valve function.* Diameter (mm): Ø 60 Length (mm): 115
700-3030-ESD	**Extra long clamps (pair) for table console (B), for a table top max. 95 mm thick.** *Accessories for table console.*

Spare parts extraction arms

300-3005	Plastic foot for extraction arm
300-3006	Slip joint for extraction arm, complete with O-rings
300-3011	Connection end pieces (quick-connection), female, for flexible hose
300-3012	Connection end pieces (quick-connection), male, for aluminium tubes
700-3050	Spring blade for quick-connection, fits on pipes Ø 50-60 mm

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Compose your own extraction arm
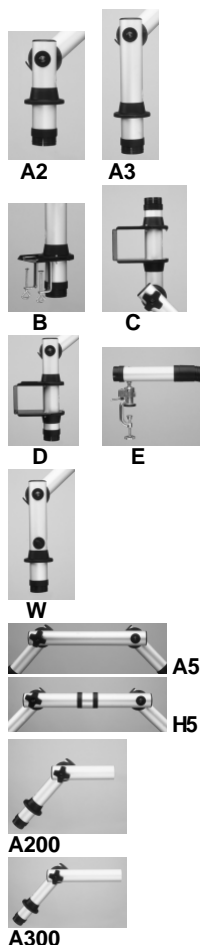
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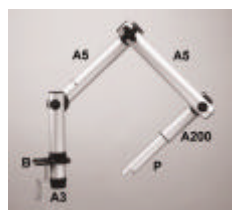
Size

3*	Diameter 32 mm
	*(*Just the flexible hose.)*
5	Diameter 55 mm

Foot-tube

A2	232 mm aluminium tube
A3	350 mm aluminium tube
99	Special
00	No foot-tube

Bracket

B	Table clamp
C	Wall from top
D	Wall from under
E**	Ball joint (**fits only together with foot-tube 99 and end-tube 0F)
9	Special
0	No bracket

Valve

W**	With valve function (*** fits only foot-tube A3 and 99)
0	Without valve function

Middle-tube

A5	475 mm aluminium tube
H5	500 mm with horizontal link
99	Special
00	None

End-tubes

A200	232 mm aluminium tube
A300	350 mm aluminium tube
AF	232 mm aluminium tube with flexible hose
0F	Flexible hose only (none aluminium)

Length (extended) of the flexible part

05	500 mm flexible hose
07	700 mm flexible hose
10	1000 mm flexible hose
15	1500 mm flexible hose
99	Special
00	No flexible part

Nozzle

ALFA	Nozzle, ESD (black)
K *(to be discontinued)*	Plastic nozzle, antistatic, not ESD
L	Plastic nozzle, antistatic, not ESD.
N	Metal tube nozzle, short
NS	Metal tube nozzle, short, with grid ESD
P**	Metal tube nozzle, long (**** fits only A200 and A300)
T	Nozzle, ESD (black)
U	Nozzle, ESD (black)
X	Nozzle, ESD (black)
9	Special
0	None
Z	Adapter, ESD

Example of codes
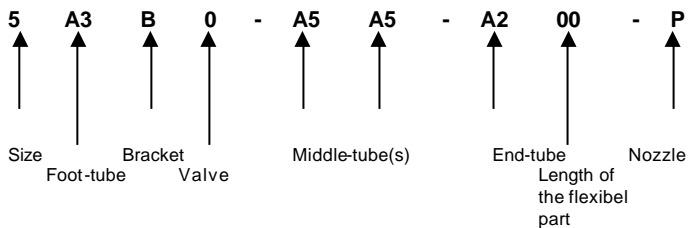
5	A3	B	0	-	A5	A5	-	A2	00	-	P

Size | Foot-tube | Bracket | Valve | Middle-tube(s) | End-tube | Length of the flexibel part | Nozzle

High vacuum systems
for tip extraction integrated on soldering iron.

Filtronic Sweden

Article number	Description
112-0000-ESD	**Filter unit FT12, ESD-safe** *Filter unit operated by compressed air for 1-2 soldering irons.*

Technical data FT12

Maximum connected irons	2
Height (mm)	200
Diameter (mm)	120
Weight (kg)	1,5
Sound level dB(A) 1 m	37
Air consumption at 5,5 bar (l/min)	13
Air consumption free air flow (Nl/min)	12-40
Suction capacity (l/min) (one iron connected)	20-50
Work pressure (bar)	3,5-7
Micro filter – tested separation degree DOP	>99,99%
Gas filter – Purafil CP-Media, separation degree	>99%
Warranty (except for filters) years	2

Replacement filter FT12

Article number	Description
210-0323-ESD	Top filter
210-0310	Top filter (model 93)
212-0012-ESD	Main filter
210-0309	Filter discs (white) (10 pcs)
210-0313	Filter discs (pink) for heavy soldering (10 pcs)

Article number	Description
111-1000-ESD	**Filter unit FT11, ESD-safe** *Filter unit operated by compressed air for one soldering iron.*

Technical data FT11

Maximum connected irons	1
Height (mm)	200
Diameter (mm)	120
Weight (kg)	1,5
Sound level dB(A) 1 m	37
Air consumption at 5,5 bar (l/min)	13
Air consumption free air flow (Nl/min)	10-36
Suction capacity (l/min) (one iron connected)	30
Work pressure (bar)	3,5-7
Micro filter – tested separation degree DOP	>99,99%
Gas filter – Purafil CP-Media, separation degree	>99%
Warranty (except for filters) years	2

Replacement filters FT11

Article number	Description
210-0323-ESD	Top filter
211-1111-ESD	Main filter
210-0309	Filter discs (white) (10 pcs)
210-0313	Filter discs (pink) for heavy soldering (10 pcs)

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High vacuum systems
for tip extraction integrated on soldering iron.
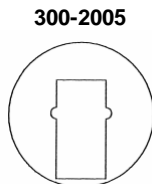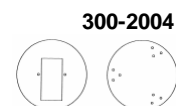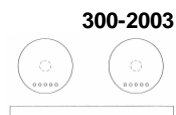
Article number	Description

112-4000-ESD — **Filter unit FE3000, ESD-safe**
Electrically operated filter unit for 1-2 soldering irons.

Technical data FE 3000

Maximum connected irons	2
Height (mm)	335
Width (mm)	180
Depth (mm)	280
Weight (kg)	6,7
Sound level dB(A) 1 m	42
Voltage 1-phase 50/60 Hz (Volt)	(115) 200-240
Effect (watt)	45
Suction capacity (l/min) (two irons connected)	>50
Micro filter – tested separation degree DOP	>99,99%
Gas filter – Purafil CP-Media, separation degree	>99%
Warranty (except for filters) years	1

112-4115-ESD — **Filter unit FE3000, 115V with cable stand, ESD-safe**
Electrically operated filter unit for 1-2 soldering irons (data in brackets).

Please state which power cord you require:

PC-UK — **Power cord model United Kingdom**
PC-EU — **Power cord model Europé**
PC-US — **Power cord model USA**
PC-AU — **Power cord model Australia**

Replacement filter FE3000
212-4012-ESD — Main filter FE3000
210-0316 — Filter discs (10 pcs), FE3000

Special filters for FT- and FE-units

911-1000 — **PREFILTER 911**
Prefilter to be adapted to FT- or FE-units when the life of the ordinary main filter is short caused by heavy smoke.

911-2000 — **Replacement filter** PREFILTER 911

210-0326-ESD — Top filter with exhaust air connection
For FT-units (units produced in 1994 and later)

Spare parts FT- and FE-Series

Article	Description
300-1000	Replacement vanes and top filter for FE12-units
300-1001	Radiator fan FE12
300-1002	Printed circuit board FE12
300-1003	Renovating kit for pump FT Electric
300-2000	Throttle valve FT1, FT11, FT12
300-2001	Hose set FT
300-2002	Ejector (for FT1, FT11, FT12)
300-2003	Sound damper set FT (model 1)
300-2004	Sound damper set FT (model 2)
300-2005	Sound damper set FT (model 3)
300-2007	Throttle valve FT13

300-2003
300-2004
300-2005

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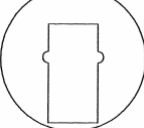
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Central system
for tip extraction integrated on soldering iron

Article number	Description
115-0000	**Central unit FC15-M**
150-0000	**Central unit FC50-M**
	Micro process controlled filter units for up to 18 and 50 soldering irons respectively.

Technical data	FC15-M	FC50-M
Max. No. of soldering irons (pcs)	18	50
Diameter (mm)	385	385
Height (mm)	920	920
Weight (kg)	30	30
Voltage (Volt)	1-phase 230	1-phase 230
Effect (kW)	0,4	1,2
Sound level dB(A)	53	56
Maximum air flow (m^3/h)	72	130
Working vacuum (mmvp)	100-1250	100-1500
Max. vacuum (mmvp)	1250	1500
Separation degree for particles DOP	99,99%	99,99%
Gas filter	purafil CP-media	purafil CP-media
Visual filter guard gas	Yes	Yes

Please state which power cord you require:

PC-UK	**Power cord model United Kingdom**
PC-EU	**Power cord model Europé**
PC-US	**Power cord model USA**
PC-AU	**Power cord model Australia**

Replacement filter FC15-M, FC50-M, FC52, FC102

252-2000	Replacement filter for soldering smoke.
252-2001	Replacement filter for solvent and glue (without micro filter)

Accessories for FC15-M/ FC50-M

520-2000	Mounting console for remote control FC15-M/FC50-M
520-2001	Suction hood for FC15-M/ FC50-M with exhaust air connection

Tube system Ø 50 mm
for installation of central units
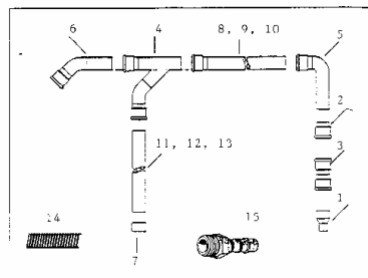
	Article	Description
1.	**520-1000**	Reduction Ø50/32 mm
2.	**520-1001**	Socket
3.	**520-1002**	Double socket
4.	**520-1003**	Branch pipe
5.	**520-1004**	Bend of 90^0
6.	**520-1005**	Bend of 45^0
7.	**520-1006**	End plug
8.	**520-1007**	Pipe 5 m incl. socket
9.	**520-1008**	Pipe 2,5 m incl. socket
10.	**520-1009**	Pipe 1,25 m incl. socket
11.	**520-1010**	Pipe 5 m without socket
12.	**520-1011**	Pipe 2,5 m without socket
13.	**520-1012**	Pipe 1,25 m without socket
14.	**520-1015**	Hose Ø 50 mm (meter) incl. 2 pcs hose clamps
15.	**520-1014**	Hose connection incl. sealing plug
	520-1013	Pipe clamps

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Central system
for tip extraction integrated on soldering iron

Filtronic Sweden

Article number	Description
	Spare parts FC-Series
300-4000	Pump 1,3 kW
300-4001	Pump 2,2 kW
300-4002	Protective motor switch 2,5-4 A
300-4003	Protective motor switch 4-6 A
300-4004	Pressure switch
300-4005	Hour meter
300-4006	Indicator red light
300-4007	Indicator green light
300-4008	Replacement shunt
300-4009	Sound damper shunt
300-4010	Sound damper outlet
300-4012	Pump FC15-M
300-4013	Pump FC50-M

Filtronic Sweden

Clip-on kits

accessories for extraction on soldering irons
Consisting of: 1 pc clip, 1 pc spot suction nozzle, 2 m hose, 5 pcs e-clips and 1 pc cleaning brush.
NOTE! Soldering iron is NOT included.
FIILTRONIC SWEDEN offers you clip-on kits for most models of soldering irons.

Article number	Description
001-0043-ESD	Clip-on kit universal, model 3 For soldering irons from ERSA, Hakko, Weller, Metcal and others
001-0051-ESD	Clip-on kit ERSA Micro tool
001-0061	Clip-on kit JBC 2010/2210
001-0062	Clip-on kit JBC 2045/2245, Weller VMP
001-0082	Clip-on kit Pace PS80/SP2A
001-0093	Clip-on kit Weller WSP80/MLR21/MT1500, Hakko 907/912

ACCESSORIES

Article number	Description			
010-2823-ESD	**Spot suction nozzle for Weller FE**			
	Length (mm):	250	Diameter (mm)	6,0 / 5,5
010-2824-ESD	**Spot suction nozzle for clip-on kit MLR-20**			
	Length (mm):	160	Diameter (mm)	4,5 / 3,9
010-2825-ESD	**Spot suction nozzle for clip-on kit Metcal/ Universal 3**			
	Length (mm):	200	Diameter (mm)	5,0 / 4,6
010-2826-ESD	**Spot suction nozzle for clip-on kit MPR-30**			
	Length (mm):	90	Diameter (mm)	4,5 / 3,9
010-2827-ESD	**Spot suction nozzle for clip-on kit ERSA Micro tool**			
	Length (mm):	140	Diameter (mm)	5,0 / 4,6
010-2828-ESD	**Spot suction nozzle for clip-on kit Filtronic Universal 3**			
	Length (mm):	220	Diameter (mm)	5,0 / 4,6
010-2833-ESD	**Spot suction nozzle for clip-on kit Pace PS80/ SP2A**			
	Length (mm):	220	Diameter (mm)	4,5 / 3,9
010-2834-ESD	**Spot suction nozzle for clip-on kit Weller WSP80/ MLR21/MT1500, Hakko 907/912**			
	Length (mm):	180	Diameter (mm)	6,3 / 5,4
001-0001	E-clips, 6/8 mm			
001-0004	E-clips, 6/6 mm			
001-0014	E-clips, 4/6 mm			
010-1038	On/off-tap for FT-units			
010-1041-ESD	Conductive silicone hose Ø 7/4,5 mm, by meter			
010-1042-ESD	Conductive silicone hose Ø 8/5 mm, by meter			
010-1044	Cut-off clip for hose 3-11 mm			
010-1045	Cut-off clip for hose 5-14 mm			
010-1050	Airflow meter EK			
010-4000	Handle for FE3000			
010-9901-ESD	Cleaning brush 4 mm, brass			
010-9902-ESD	Cleaning brush 5 mm, stainless steel			
010-9905-ESD	Cleaning brush 3,2 mm			
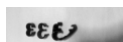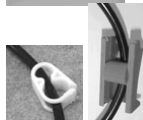
October 2004

Clean Bench Concept

The new efficient way of control air pollution.

Filtronic Sweden

Article number	Description
CBC-A-112-G01-G65-I1	**Air Curtain Cabinet, basic model** Model CBC-A-112, cabinet with special recirculation system to create a clean workbench environment with less extracted air. Supplied with a sheet top cover (1160x580x1,25 mm) with one Ø 100 mm connection (G01) and a sheet backside panel (1160x600x1,25 mm) (G65). Internal halogen lighting 3x20W, 100-240V.
	To add internal accessories: add the following codes:
I3	Mounting Bracket TFT-screen
I4	Tool holder
I5	Flourescent tube lighting 2x30W, 230V
	For change of backpanel: replace code G65 with the following codes:
G65	Back panel in sheet 1160x600x1,25 mm, ESD-safe
G70	Back panel in transparent plexiglas, 1160x600x3 mm, not ESD-safe
G80	Back panel transparent polycarbonate, 1160x600x3 mm, ESD-safe
	For change of topcover: replace code G01 with the following codes:
G01	Top cover in sheet 1160x580x1,25 mm with one Ø 100 mm connection, ESD-safe
G02	Top cover in sheet 1160x580x1,25 mm with one Ø 160 mm connection, ESD-safe
G04	Same as G01 but with 4 quick connections to fit 2 x MG100S
G21	Top cover in transparent plexiglas 1160x580x3 mm with Ø 100 mm connection, not ESD-safe
G24	Same as G21 but with 4 quick connections to fit 2 x MG100S
G31	Top cover in transparent polycarbonate, 1160x580x3 mm with Ø 100 mm connection, ESD-safe
G34	Same as G31 but with 4 quick connections to fit 2 x MG100S

Technical details CBC-A-112:

Dimensions internally WxHxD (mm) Height is inside gear	1120x525x580
Dimensions externally WxHxD (mm)	1275x625x760
Extracted air volume (m^3/hr)	180-230
Weight (kg)	53
Voltage Tube lighting only in	110/240V, 50/60Hz 230V/50Hz
Power (watt)	60
Noise level dB(A) 1 m at 200 m^3/hr	49
Warranty (year)	1

Please state which power cord you require:

PC-UK	**Power cord model United Kingdom**
PC-EU	**Power cord model Europe**
PC-US	**Power cord model USA**
PC-AU	**Power cord model Australia**

External accessories

H01	Silencer Ø 100 mm, length 1000 mm
H02	Silencer Ø 160 mm, length 1000 mm
H03	Barrel nipple Ø 100 mm
H04	Barrel nipple Ø 160 mm

4:1

Suction cabinet

Article number	Description

Model 1
Made of nature anodised aluminium with vertical sliding hatch 4 mm simple glass.
Is connected to suction unit or existing ventilation. The quantity of exhaust air for the suction cabinet should be dimensioned in that way that an air speed of 0,5 m/s is exceeded by opening of the hatch. Please contact FILTRONIC AB for further information.

600-1000

Suction cabinet, aluminium
Width (mm)   1000
Height (mm)   1000
Depth (mm)   600

600-1001

Suction cabinet, aluminium
Width (mm)   800
Height (mm)   600
Depth (mm)   600

If you want other measures than above you can make a made-to-measure-order.

Model 2
Made of nature anodised aluminium with firm opening 4 mm simple glass.
Is connected to suction unit or existing ventilation. The quantity of exhaust air for the suction cabinet should be dimensioned in that way that an air speed of 0,5 m/s is exceeded by opening of the hatch. Please contact FILTRONIC AB for further information.

600-1500

Suction cabinet, aluminium
Width (mm)   800
Height (mm)   300
Depth (mm)   440

If you want other measures than above you can make a made-to-measure-order.

5:1

Replacement filters
for all filter units in our assortment

Article number	Description
	Replacement filters MG75
750-2000-ESD	Micro/gas filter, standard
750-2002-ESD	Micro/gas filter, Clean Room
750-2003-ESD	Micro/gas filter, solvents type MEK
750-2005-ESD	Micro/gas filter, Epoxy-application
750-2006-ESD	Micro/gas filter, ammonia
750-2007-ESD	Micro/gas filter, CO_2
	Replacement filters MG95
950-2000-ESD	Micro/gas filter, standard
950-2002-ESD	Micro/gas filter, Clean Room
950-2003-ESD	Micro/gas filter, solvents type MEK
950-2005-ESD	Micro/gas filter, Epoxy-application
950-2006-ESD	Micro/gas filter, ammonia
950-2007-ESD	Micro/gas filter, CO_2
	Replacement filters MG100S
100-2000-ESD	Micro/gas filter, standard
100-2003-ESD	Micro/gas filter, solvents type MEK
100-2005-ESD	Micro/gas filter, Epoxy-application
100-2006-ESD	Micro/gas filter, ammonia
100-2007-ESD	Micro/gas filter, CO_2
	Replacement filters MG350S
800-2000	Micro filter
800-2001	Gas filter, standard
800-2003	Gas filter, solvents type MEK
800-2006	Gas filter, ammonia
800-2007	Gas filter, CO_2
	Replacement filters BT75
500-2000	Micro filter
500-4000	Pre filter bag (5 pcs/pack)
	Replacement filters FT11
210-0309	Filter discs (white) 10 pcs
210-0313	Filter discs (pink) for heavy soldering (10 pcs)
210-0323-ESD	Top filter
211-1111-ESD	Main filter
	Replacement filters FT12
210-0309	Filter discs (white) 10 pcs
210-0310	Top filter (modell 93)
210-0313	Filter discs (pink) for heavy soldering (10 pcs)
210-0323-ESD	Top filter
212-0012-ESD	Main filter
	Replacement filters FE3000
210-0316	Filter discs (pink) (10 pcs)
212-4012-ESD	Main filter
	Replacement filters FC15-M / FC50-M
252-2000	Filter for soldering smoke
252-2001	Filter for solvent and glue (without micro filter)

6:1

Replacement filters

for discontinued filter units

Filtronic Sweden

Article number	Description
	Replacement filters MG70
700-2000-ESD	Micro filter
700-2001-ESD	Gas filter
700-2002-ESD	Gas filter, Clean Room
700-2003-ESD	Gas filter, solvents type MEK
	Replacement filters MG80S
780-2000-ESD	Micro/gas filter
780-2003-ESD	Micro/gas filter, MEK-application
	Replacement filters FC2000
2000-2000	Gas filter FC2000, 100% purafil
2000-2040	Gas filter FC2000, 90% carbon, 10% pruafil
2000-2050	Gas filter FC2000, 100% kol
2000-2060	Gas filter FC2000, 50% carbon, 50% purafil
2000-2010	Micro filter FC2000
2000-2030	Dust filter FC2000
2000-2031	Dust filter FC2000, same as above but with higher filtering class.
	Replacement filter FT1
210-0323-ESD	Top filter
211-0011-ESD	Main filter
210-0308	Filter discs (white) (10pcs)
210-0315	Filter discs (pink) for heavy soldering (10 pcs)
	Replacement filter FT13
210-0323-ESD	Top filter
210-0310	Top filter (model93)
213-0013-ESD	Main filter
210-0309	Filter discs (white) (10pcs)
210-0313	Filter discs (pink) for heavy soldering (10 pcs)
	Replacement filter FE12, FE12-S
210-0323-ESD	Top filter
212-0012-ESD	Main filter
210-0309	Filter discs (10 pcs)
210-0313	Filter disc (pink) for heavy soldering (10 pcs)
	Replacement filter FT Electric
212-3012	Main filter FT Electric
210-0313	Filter discs (pink) for heavy soldering (10 pcs) FT Electric
	Replacement filters and accessories to High vacuum PCB-Cleaner
210-0327	Top filter
213-5013	Main filter
010-1303	Prefilter
010-1304	Container for prefilter
010-1306	Handle
010-1310-ESD	Nozzle with thread for handle 010-1306
010-1043-ESD	Conductive silicone hose 12/7 mm
010-1305-ESD	Brush with thread for handle (010-1306)
010-1311	On/off-tap for PCB-cleaner
010-1308-ESD	Holder for handle 010-1306 (excl screws)