



#### **Volume extraction**

More suitable for applications involving, for example hand soldering, solder baths, hot-air soldering, microsoldering as well as gluing and cleaning work. Weller offers various mobile systems that purify the air for up to 8 workstations.

- Large areas can be covered
- Low maintenance
- For 1 to up to 8 work places
- Extraction cabinets
- Remote control



#### Tip extraction

Weller FE (fume extraction) soldering irons have a smoke tube integrated into the handle. When soldering, the tube is positioned directly above the tip and collects any fumes produced. Fume extraction attachments can be retrofitted to non-fume extraction Weller soldering irons.

S Low investment per workstation

- Contaminats extraction right at the sourceUp to 20 soldering points with one
- system (max. 200 m apart) Sergonomic with easy access to workpiece
- Minimal air movement





Filtration Filtration

QUICK & EASY INSTALLATION

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#### Laser extraction

The Weller Laser Line Series offers mobile fume extraction for all kinds of applications. All systems can be retrofitted with special filters for use in cleanrooms or inkjet printers.

- Automatic constant flow control (CFC)
   Interface via USB, RS 232 and
  - optional relay outputs

- O Low-maintenance, brushless turbines
- Acoustic and visual filter change alarm
   Individually upgradable with special filters
- O Up to three separate filter components
- ensuring low operating costs O Thermally recycable main filter housing

# **ZERO SMOG®** and **LASERLINE** fume extraction solutions WE CARE FOR YOUR ENVIRONMENT.

#### Why fume extraction?

Many work environments today, including soldering and adhesives applications, create particles and gases that can be harmful to the work place and the environment. To protect the operator, it is important to use an extraction system that is able to separate these particles and gases and then re-circulates the cleaned air back into the work place.

It is important to use the correct safety equipment to remove these hazardous substances. Inhaling fine particles is more dangerous than big particles that get caught more easily because they can block the alveoli in the lungs.

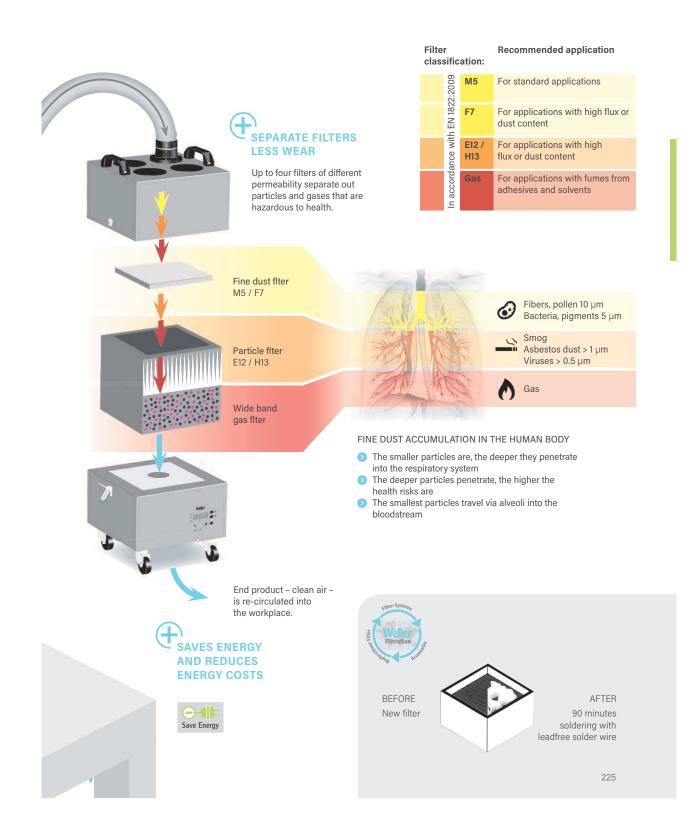




See the video on www.youtube.com/wellersoldering

#### Fine particles – A health hazard!

Protect your health and the health of your employees! Particles and gases are hazardous to health. Fine particles can get into the lungs and cause allergies, asthma or cancer.



# Volume fume extraction

Weller systems are specifically designed for continuous operation in industrial environments. Care and attention at the design stage plus careful component choice and a high quality manufacturing process have given Weller extraction systems a world wide reputation for reliability and longevity.

# SELECTION GUIDE

based on particle- and gas filter capacity

	Standard systems			Systems with high gas filter volume		Central systems with automatic flow control	
Application	Zero Smog EL	Zero Smog TL	MG 130	MG 100S	MG 140	Zero Smog 4V	Zero Smog 6V
Hand soldering	~~	~~	~~	~~~	~~~	~~~	~~~
Heavy duty fume applications (solder bath, selective wave)	$\checkmark$	$\checkmark$	~	~	~~	~~	<b>~~~~</b>
Soldering, gluing, cleaning, filling	~	~	~~	~~~	~~~	~~	~~~
Gluing, Cleaning, Filling	~	~	~~	~~~	<b>~~~</b>	~~~	<b>~~~~</b>
Finedust	~~	~~	~~	~	~~~	~~	~~~
MEK (Methyl Ethyl Keton)			~	~~~	~~~	$\checkmark$	~
VOC (Volatile Organic Compounds)			~	~~~	~~~	~	~~~
Cleanroom					<b>~~~</b>		

# Zero Smog EL 230V F/G

#### Fume extraction unit



Order No. FT91 01 069 9N

- Fume extraction unit for 1 to 2 workplaces.
- Fine dust pre-filter M5 that can be separately changed, without having to change main filter
- Granular activated carbon filter for effective gas filtering
- Portable fume extraction unit, for placement under or next to the bench-top.
- · Easy filter change.

#### **TECHNICAL DATA**

Max. capacity	1–2 workstations
Dimensions L x W x H (Inches)	13.19 x 14.17 x 17.52
Dimensions L x W x H (mm)	335 x 360 x 445
Weight (approx.) in kg	8.6
Voltage	220-240 V (50/60 Hz)
Power	120 VA
Noise level (distance 1 m) dB(A)	< 53
Max. blower vacuum (Pa)	2500
Capacity m <sup>3</sup> /h	150
Pre-filter	Pre-filter mat class M5
Compact filter	Particle filter H13, and granular activated carbon filter



Weller<sup>®</sup>

### Zero Smog EL Kit 1

Fume extraction unit with flexible arm and funnel nozzle



**TECHNICAL DATA** 

- Fume extraction unit for 1 to 2 workplaces.
- Fine dust pre-filter M5 that can be separately changed, without having to change main filter
- Granular activated carbon filter for effective gas filtering
- Portable fume extraction unit, for placement under or next to the bench-top.
- Easy filter change.

#### 1–2 workstations Max. capacity Dimensions L x W x H (Inches) 13.19 x 14.17 x 17.52 Dimensions L x W x H (mm) 335 x 360 x 445 Weight (approx.) in kg 8.6 Voltage 220-240 V (50/60 Hz) 120 VA Power Noise level (distance 1 m) dB(A) < 53 Max. blower vacuum (Pa) 2500 Capacity m3/h 150 Pre-filter Pre-filter mat class M5 Particle filter H13, Active carbon filter Compact filter



Scope of supply	Order No.	Model	Description
		Zero Smog EL Unit	Zero Smog EL Unit
	0F15	0F15 Flexible extraction arm	Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 1,5 m
	ALFA	ALFA Funnel Nozzle	Easy-Click 60 Funnel nozzle, for flexible and stativ extraction arm, width 230 mm, height 100 mm. To be mounted on an aluminium extraction arm without flexible hose, adapter Z is needed. See extraction arms accessories.
	T005 87 628 46	Fixing clamp	Fixing clamp Ø 63 mm, 1 piece, for fixing Easy-Click 60, 60 mm extraction arms

# Zero Smog TL

#### Fume extraction unit Zero Smog TL



Order No. FT91 01 369 9N

- Low noise levels
- Automated filter change notification system
- Easily operated and easy filter replacement
- Longer service life due to exceptionally large filter surface
- For connection to a WX / WT station a WT Hub is needed

#### **TECHNICAL DATA**

Max. capacity	1–2 workstations
Dimensions L x W x H (Inches)	13.19 x 12.9 x 17.52
Dimensions L x W x H (mm)	335 x 330 x 445
Weight (approx.) in kg	9
Voltage	220-240 V (50/60 Hz)
Power	120 W
Noise level (distance 1 m) dB(A)	<50
Max. blower vacuum (Pa)	3.000
Capacity m³/h	190
Pre-filter	Fine dust prefilter F7
Compact filter	Particle filter H13 and granular activated carbon filter



Tip Extraction

Accessories Volume extraction

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### Zero Smog TL Kit 1 FN

Fume extraction unit with flexible extraction arm, extraction hose, stop valve with bench mounting brackets, remote switch and funnel nozzle

 
 Izow
 WX
 TRACEability qualified
 WT

 Image: Q:<<50 db (A)</td>
 WT

Order No. FT91 01 569 9N



Scope of supply	Order No.	Model	Description
	0F10	0F10 flexible Extraction arm	Easy-Click 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 1 m
	700-3051-ESD	Extraction hose 3 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter
	ALFA	ALFA Funnel Nozzle	Easy-Click 60 Funnel nozzle, for flexible and stativ extraction arm, width 230 mm, height 100 mm. To be mounted on an aluminium extraction arm without flexible hose, adapter Z is needed. See extraction arms accessories.
	FT910 00 033	On-/Off-Switch	ZSRS Zero Smog Remote Switch
	FT910 13 699 N	Zero Smog TL	Fume extraction unit Zero Smog TL

#### Zero Smog TL Kit 2 FN

Fume extraction unit with 2 flexible extraction arms, 2 fixing clamps for the arms, a remote switch and 2 funnel nozzles



Order No. FT91 01 769 9N



Scope of supply	Order No.	Model	Description
	0F15	0F15 Flexible extraction arm	Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 1,5 m
			Easy-Click 60 Funnel nozzle, for flexible and stativ extraction arm, width 230 mm, height 100 mm. To be mounted on an aluminium extraction arm without flexible hose, adapter Z is needed. See extraction arms accessories.
	FT910 00 033	On-/Off-Switch	ZSRS Zero Smog Remote Switch
	FT910 13 699 N	Zero Smog TL	Fume extraction unit Zero Smog TL
	T005 87 628 46	Fixing clamp	Fixing clamp Ø 63 mm, 1 piece, for fixing Easy-Click 60, 60 mm extraction arms

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**Tip Extraction** 

Laser Extraction

Accessories Volume extraction

Spare filter

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# Zero Smog TL Kit 2 SN

Fume extraction unit with 2 flexible extraction arms, 2 fixing clamps for the arms, a remote switch and 2 sloped nozzles

120 W	<b>WX</b> compatible	TRACEability WT
	50 dl	b (A)

Order No. FT91 01 669 9N



Scope of supply	Order No.	Model
	0F15	0F15 Flexible extraction arm
	FT-NL	FT-NL Sloped nozzle
	FT910 00 033	On-/Off-Switch
	FT910 13 699 N	Zero Smog TL
	T005 87 628 46	Fixing clamp

Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 1,5 m $$
Easy-Click 60 metal nozzle Ø 60 mm, length 130 mm.
ZSRS Zero Smog Remote Switch
Fume extraction unit Zero Smog TL
Fixing clamp Ø 63 mm, 1 piece, for fixing Easy-Click 60, 60 mm extraction arms

# Zero Smog TL with Gas Filter

Zero Smog TL fume extraction unit with Gas Filter



#### MG 130

#### Fume extraction unit MG 130



Order No. 130-10 00- ESDN

- Unit purifies air up to 2 workplaces
- 100–240 power supply for global use
- Filter alarm and 3 steps speed control
- Small foot print design
- The fume extraction unit MG 130 is easy to install and operate. Is supplied complete ready to place close to the workbench.



#### TECHNICAL DATA

Max. capacity	1–2 workstations
Dimensions L x W x H (Inches)	18,11 x 8,26 x 19,68
Dimensions L x W x H (mm)	460 x 210 x 500
Weight (approx.) in kg	11
Voltage	100 - 240 V, 50/60 Hz
Power	100 W
Noise level (distance 1 m) dB(A)	< 52
Max. blower vacuum (Pa)	2.300
Capacity m <sup>3</sup> /h	140
Pre-filter	Pre filter mat class F7
Compact filter	Particle filter H13, Wide band gas filter (50 % Active carbon + 50 % Chemisorb)
ESD-safe	$\checkmark$

Scope of supply	Order No.	Model	Description
		MG 130 Unit	MG 130 Unit
	130-2000-ESDN	Compact filter MG 130	Particle filter H13 and wide band gas filter, Standard
	130-2010	Fine dust filter F7 MG 130	Fine dust filter F7 for MG 130



Tip Extraction

Laser Extraction

Accessories Volume extraction

Spare filter

#### MG 130 Kit Nozzle

Fume extraction unit MG 130 mit Kit Nozzle

100 W Sound Point < 52 db (A)

Order No. 130-10 55- ESDN



Scope of supply		Order No.	Model	Description
			MG 130 Unit	MG 130 Unit
	2 x	0F10	0F10 flexible Extraction arm	Easy-Click 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 1 m $$
		130-2000-ESDN	Compact filter MG 130	Particle filter H13 and wide band gas filter, Standard
		130-2010	Fine dust filter F7 MG 130	Fine dust filter F7 for MG 130
	2 x	FT-NL	FT-NL Sloped nozzle	Easy-Click 60 metal nozzle Ø 60 mm, length 130 mm.

# MG 130 Kit Funnel

Fume extraction unit MG 130 with Kit Funnel

100 W SOUND @<< 52 db(A)

Order No. FT91 00 010 3N



Scope of supply	Order No.	Model	Description
		MG 130 Unit	MG 130 Unit
	2 x 0F10	0F10 flexible Extraction arm	Easy-Click 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 1 m
	2 x ALFA	ALFA Funnel Nozzle	Easy-Click 60 Funnel nozzle, for flexible and stativ extraction arm, width 230 mm, height 100 mm. To be mounted on an aluminium extraction arm without flexible hose, adapter Z is needed. See extraction arms accessories.

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#### MG 100S

#### Fume extraction unit MG 100S

#### 100 W Sound @ < 52 db (A)

Order No. 100-10 00- ESDN

- Unit purifies air at up to 2 workplaces
- High Gasfilter volume
- Electronic filter control with filter alarm
- Variable speed setting
- Minimized foot print



#### **TECHNICAL DATA**

Max. capacity	1–2 workstations
Dimensions L x W x H (Inches)	18.11 x 8.26 x 24.15
Dimensions L x W x H (mm)	460 x 210 x 610
Weight (approx.) in kg	15
Voltage	110 - 240 V, 50/60 Hz
Power	100 W
Noise level (distance 1 m) dB(A)	< 52
Max. blower vacuum (Pa)	2.300
Capacity m <sup>3</sup> /h	140
Pre-filter	-
Compact filter	Particle filter H13, Wide band gas filter (50 % Active carbon + 50 % Chemisorb)
ESD-safe	$\checkmark$

Scope of supply	Order No.	Model	Description
		MG 100S Unit	MG 100S Fume Extraction Unit
	100-2000-ESDN	Compact filter MG 100S Standard	Particle filter H13 and wide band gas filter, Standard

Laser Extraction

Accessories Volume extraction

# MG 100S Kit 1

100 W	Fume extraction unit MG 100S with Kit 2 Funnel         100 W         Image: $\mathbb{Q} \ll < 52 \text{ db}(A)$ Order No. 100-10 56- ESDN		Welse Welse	Volume extraction
Scope of supply	Order No.	Model	Description	
		MG 100S Unit	MG 100S Fume Extraction Unit	ction
	100-2000-ESDN	Compact filter MG 100S Standard	Particle filter H13 and wide band gas filter, Standard	Tip Extraction
	T005 36 571 99N	Kit 1 WF Funnel Nozzle	Easy-Click 60 extraction arm, flexible with funnel nozzle and stop valve	i i i

#### MG 100S Kit 2

Fume extraction unit MG 100S with Kit 2 Funnel

100 W Sound Gene < 52 db (A)

Order No. 100-10 55- ESDN



cope of supply	Order No.	Model	Description
		MG 100S Unit	MG 100S Fume Extraction Unit
2	x 0F15	0F15 Flexible extraction arm	Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 1,5 m
	100-2000-ESDN	Compact filter MG 100S Standard	Particle filter H13 and wide band gas filter, Standard
2	x ALFA	ALFA Funnel Nozzle	Easy-Click 60 Funnel nozzle, for flexible and stativ extraction arm, width 230 mm, height 100 mm. To be mounted on an aluminium extraction arm without flexible hose, adapter Z is needed. See extraction arms accessories.

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# MG 100S Kit 3

Fume extraction unit MG 100S with Kit 3

#### 100 W LOW OK < 52 db (A)

Order No. 100-10 32- ESDN



Scope of supply	Order No.	Model	Description
		MG 100S Unit	MG 100S Fume Extraction Unit
	100-2000-ESDN	Compact filter MG 100S Standard	Particle filter H13 and wide band gas filter, Standard
	3-0F15	3-0F15 Flexible extraction arm	Easy- Click 60 Flexible extraction arm, Ø 32 mm, length 1,5 m

2 workstations

# 3

Tip Extraction

Laser Extraction

Accessories Volume extraction

#### MG 140

#### Fume extraction unit MG 140



Order No. 145-10 00- ESDN

- Unit purifies air at up to 2 workplaces
- High Gasfilter volume
- Electronic filter control with alarm function
- Switch power supply 100 240 V
- 4 wheels for easy movement



Dimensions L x W x H (Inches)	13.77 x 13.18 x 25.78
Dimensions L x W x H (mm)	350 x 335 x 655
Weight (approx.) in kg	18
Voltage	110 - 240 V, 50/60 Hz
Power	100 W
Noise level (distance 1 m) dB(A)	< 50
Max. blower vacuum (Pa)	2.300
Capacity m <sup>3</sup> /h	140
Pre-filter	Pre filter mat class F7
Compact filter	Particle filter H13, Wide band gas filter (50 % Active carbon + 50 % Chemisorb)
ESD-safe	$\checkmark$

**TECHNICAL DATA** 

Max. capacity

Scope of supply	Order No.	Model	Description
		MG 140 Unit	MG 140 Fume Extraction Unit
	145-2000-ESDN	Compact filter MG 140	Particle filter H13 and wide band gas filter, Standard
	145-4000	Pre-filter MG 140	Pre-filter for MG 140 / F8 (2 pieces)

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#### Zero Smog 4V

Fume extraction unit Zero Smog 4V



Order No. T005 36 606 99N

- Unit purifies air at up to 4 workplaces
- Constant Flow Control (CFC) guarantees automatical air flow regulation for each working place independent of the connected workplaces
- · Electronic filter control with optical and acoustical filter alarm
- Efficiency test via USB port
- 4 wheels to allow easy movement of the unit

#### **TECHNICAL DATA**

Max. capacity	1–4 workstations
Dimensions L x W x H (Inches)	13.58 x 12.79 x 19.88
Dimensions L x W x H (mm)	345 x 325 x 505
Weight (approx.) in kg	19
Voltage	220-240 V (50/60 Hz)
Power	275 VA
Noise level (distance 1 m) dB(A)	< 48
Max. blower vacuum (Pa)	3.800
Capacity m <sup>3</sup> /h	230
Pre-filter	Pre filter mat class F7
Compact filter	Particle filter H13, Wide band gas filter (50 % Active carbon + 50 % Chemisorb)
ESD-safe	$\checkmark$



Scope of supply	Order No.	Model	Description
		Zero Smog 4V Unit	Zero Smog 4V Unit
	T005 87 359 36N	Compact filter Zero Smog 4V, WFE 2S	Compact filter: Particle filter H13 and wide band gas filter (50% active carbon, 50% Chemisorb) for Zero Smog 4V, WFE 2S
	T005 87 359 38	Fine dust filter F7 WFE 2S, Zero Smog 4V	Fine dust filter F7 for WFE 2S, Zero Smog 4V
	T005 87 627 67N	Easy-Click 60 Hose connector straight	Easy-Click 60 Hose connector, straight for WFE 2S / WFE 4S, Zero Smog 4V / Zero Smog 6V and pre filter box

FT ZERO SMOG Series

# **Tip Extraction** Laser Extraction Accessories Volume extraction Spare filter

#### Zero Smog 4V Adhesive fume filter

Fume extraction unit Zero Smog 4V



Order No. T005 36 616 99N

- Unit purifies air at up to 4 workplaces
- Constant Flow Control (CFC) guarantees automatical air flow regulation for each working place independent of the connected workplaces
- Electronic filter control with optical and acoustical filter alarm
- Efficiency test via USB port
- · 4 wheels to allow easy movement of the unit

Scope of supply	Order No.	Model

ModelDescriptionZero Smog 4V UnitZero Smog 4V Unit

Weller<sup>®</sup>

# Zero Smog 4V Kit 1 Nozzle

Fume extraction unti Zero Smog 4V with Kit 1 Nozzle

275 VA	WX compatible	TRA	<b>CE</b> ability qualified	WT
	48 db	(A)		

Order No. T005 36 636 99N



Scope of supply	Order No.	Model	Description
		Zero Smog 4V Unit	Zero Smog 4V Unit
	T005 36 572 99N	Kit 1 Sloped Nozzle	Easy-Click 60 extraction arm with sloped nozzle and stop valve
	T005 87 359 36N	Compact filter Zero Smog 4V, WFE 2S	Compact filter: Particle filter H13 and wide band gas filter (50% active carbon, 50% Chemisorb) for Zero Smog 4V, WFE 2S
	T005 87 359 38	Fine dust filter F7 WFE 2S, Zero Smog 4V	Fine dust filter F7 for WFE 2S, Zero Smog 4V
	T005 87 627 67N	Easy-Click 60 Hose connector straight	Easy-Click 60 Hose connector, straight for WFE 2S / WFE 4S, Zero Smog 4V / Zero Smog 6V and pre filter box

### Zero Smog 4V Kit 2 Nozzle

Fume extraction Zero Smog 4V with Kit 2 Nozzle



Order No. T005 36 656 99N

# 

Scope of supply		Order No.	Model	Description
			Zero Smog 4V Unit	Zero Smog 4V Unit
	2 x	T005 36 572 99N	Kit 1 Sloped Nozzle	Easy-Click 60 extraction arm with sloped nozzle and stop valve
		T005 87 359 36N	Compact filter Zero Smog 4V, WFE 2S	Compact filter: Particle filter H13 and wide band gas filter (50% active carbon, 50% Chemisorb) for Zero Smog 4V, WFE 2S
		T005 87 359 38	Fine dust filter F7 WFE 2S, Zero Smog 4V	Fine dust filter F7 for WFE 2S, Zero Smog 4V
	2 x	T005 87 627 67N	Easy-Click 60 Hose connector straight	Easy-Click 60 Hose connector, straight for WFE 2S / WFE 4S, Zero Smog 4V / Zero Smog 6V and pre filter box



**Tip Extraction** 

Laser Extraction

# Zero Smog 4V Kit 1 Funnel

Fume extraction Zero Smog 4V with Kit 1 Funnel



Order No. T005 36 626 99N



Scope of supply	Order No.	Model	Description
		Zero Smog 4V Unit	Zero Smog 4V Unit
	T005 36 571 99N	Kit 1 WF Funnel Nozzle	Easy-Click 60 extraction arm, flexible with funnel nozzle and stop valve
	T005 87 359 36N	Compact filter Zero Smog 4V, WFE 2S	Compact filter: Particle filter H13 and wide band gas filter (50% active carbon, 50% Chemisorb) for Zero Smog 4V, WFE 2S
	T005 87 359 38	Fine dust filter F7 WFE 2S, Zero Smog 4V	Fine dust filter F7 for WFE 2S, Zero Smog 4V
	T005 87 627 67N	Easy-Click 60 Hose connector straight	Easy-Click 60 Hose connector, straight for WFE 2S / WFE 4S, Zero Smog 4V / Zero Smog 6V and pre filter box

#### Zero Smog 4V Kit 2 Funnel

Fume extraction Zero Smog 4V with Kit 2 Funnel



Order No. T005 36 646 99N



Scope of supply		Order No.	Model	Description
			Zero Smog 4V Unit	Zero Smog 4V Unit
	2 x	T005 36 571 99N	Kit 1 WF Funnel Nozzle	Easy-Click 60 extraction arm, flexible with funnel nozzle and stop valve
		T005 87 359 36N	Compact filter Zero Smog 4V, WFE 2S	Compact filter: Particle filter H13 and wide band gas filter (50% active carbon, 50% Chemisorb) for Zero Smog 4V, WFE 2S
		T005 87 359 38	Fine dust filter F7 WFE 2S, Zero Smog 4V	Fine dust filter F7 for WFE 2S, Zero Smog 4V
	2 x	T005 87 627 67N	Easy-Click 60 Hose connector straight	Easy-Click 60 Hose connector, straight for WFE 2S / WFE 4S, Zero Smog 4V / Zero Smog 6V and pre filter box

Accessories Volume extraction

Weller<sup>\*</sup>

#### Zero Smog 6V

#### Fume extraction Zero Smog 6V



Order No. T005 36 666 99N

- Unit purifies air at up to 8 workplaces
- The Constant Flow Control (CFC) guarantees optimal air flow regulation for each working place independent of the connected workplaces
- Efficiency test via USB port
- · Electronic filter control with optical and acoustical filter alarm
- 4 wheels to allow easy movement of the unit



TECHNICAL DATA

Max. capacity	1–8 workstations
Dimensions L x W x H (Inches)	18,11 x 18,11 x 26,18
Dimensions L x W x H (mm)	460 x 460 x 665
Weight (approx.) in kg	40
Voltage	230 V, 50/60 Hz (120 V, 60 Hz)
Power	460 VA
Noise level (distance 1 m) dB(A)	< 51
Max. blower vacuum (Pa)	3.000
Capacity m <sup>3</sup> /h	615
Pre-filter	Pre filter mat class F7
Compact filter	Particle filter H13, Wide band gas filter (50 % Active carbon / 50 % Chemisorb)
ESD-safe	$\checkmark$
ESD-safe	$\checkmark$

Scope of supply	Order No.	Model	Description
		Zero Smog 6V Unit	Zero Smog 6V Unit
	T005 87 358 36	Fine dust filter F7	Fine dust filter F7 for Zero Smog 20T, WFE 20D, WFE 4S, Zero Smog 6V, FC 800
	T005 87 358 38	Compact filter	Compact filter for WFE 20D, WFE 4S, Zero Smog 6V, Zero Smog 20T, FC 800
	T005 87 627 67N	Easy-Click 60 Hose connector straight	Easy-Click 60 Hose connector, straight for WFE 2S / WFE 4S, Zero Smog 4V / Zero Smog 6V and pre filter box

# 3

**Tip Extraction** 

# Zero Smog 6V with gas filter

Fume extraction Zero Smog 6V for adhesive fumes



Order No. T005 36 676 99N

- Unit purifies air at up to 8 workplaces
- The Constant Flow Control (CFC) guarantees optimal air flow regulation for each working place independent of the connected workplaces
- Efficiency test via USB port
- · Electronic filter control with optical and acoustical filter alarm
- 4 wheels to allow easy movement of the unit



Scope of supply	Order No.	Model	Description
		Zero Smog 6V Unit	Zero Smog 6V Unit
	T005 87 358 35	Wide band gas filter	Wide band gas filter for Zero Smog 6V, WFE 4S
	T005 87 358 36	Fine dust filter F7	Fine dust filter F7 for Zero Smog 20T, WFE 20D, WFE 4S, Zero Smog 6V, FC 800
	T005 87 627 67N	Easy-Click 60 Hose connector straight	Easy-Click 60 Hose connector, straight for WFE 2S / WFE 4S, Zero Smog 4V / Zero Smog 6V and pre filter box
Accessories	Order No.	Model	Description
	T005 31 191 99	RS 232 Interface cable	Interface cable RS 232, 2 m (78.74 in) for remote control or monitoring by PC (type 1:1) T005 87 359 09
	T005 87 359 09N	Remote Control Zero Smog Units	Remote control for fume extraction units ZS 4V, ZS 6V, ZS 20T with filter status display

Laser Extraction

Weller<sup>\*</sup>

#### CBC A 230 V 4 x Easy Click 60

Air curtain cabinet CBCA with unique ventilation concept



Order No. CBCA 11 2G0 4G65I2N

- \* 80 % low running cost against conventional extraction cabines. CBC-A needs only 200 m³/h. Conventional 1000 m³/h
- Mobile System for flexible use on a work bench or trolly.
- Large open front working area with no glas screen.
- Low noice level
- Cabinet interior fittings: Tube lighting (2 x 39 W), 230 V. 4 pcs. mains connector 230 V



#### CBC A 160mm hose connector for central ventilation

CBCA 160 mm hose connector for central ventilation



Order No. CBCA 11 2G0 2G65I2N

- \* 80 % low running cost against conventional extraction cabines. CBC-A needs only 200 m³/h. Conventional 1000 m³/h
- Mobile System for flexible use on a work bench or trolly.
- Large open front working area with no glas screen.
- Low noice level
- Cabinet interior fittings: Tube lighting (2 x 39 W), 230 V. 4 pcs. mains connector 230 V



#### Accessories

Order No.	Description
T005 36 666 99N	Fume extraction Zero Smog 6V
700-3051-ESD	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter

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# Volume fume extraction **Tip Extraction** Laser Extraction Accessories Volume extraction

#### WESDA 402 Exhaust cabinet 400 liter

Acryl Extraction Cabinet 400 Ltr.



Order No. FT91 00 002 1

- 4 lower shelf
- The ESD safe WESDA Acryl exhaust cabinets are designed to store components during the drying time after gluing or epoxy resin filling processes. The gas emissions are extracted by an extraction unit connected via an easy click 60 hose adapter at the back of the cabinet.
- The ESD safe WESDA Acryl exhaust cabinets are designed to store components during the drying time after gluing or epoxy resin filling processes. The gas emissions are extracted by an extraction unit connected via an easy click 60 hose adapter at the back of the cabinet.

Accessories	Order No.	Model	Description
	700-3041-ESD	Extraction hose 2 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 2 meter
	T005 36 616 99N	Zero Smog 4V Adhesive fume filter	Fume extraction unit Zero Smog 4V

#### WESDA 201 Exhaust cabinet 200 liter

#### Acryl Extraction Cabinaet 200 Ltr.



Order No. FT91 00 002 0

- 2 lower shelf
- The ESD safe WESDA 201 Acryl exhaust cabinets are designed to store components during the drying time after gluing or epoxy resin filling processes. The gas emissions are extracted by an extraction unit connected via an easy click 60 hose adapter at the back of the cabinet.

adapter at the back of the cabinet.				
Accessories	Order No.	Model	Description	
	700-3041-ESD	Extraction hose 2 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 2 meter	
	T005 36 616 99N	Zero Smog 4V Adhesive fume filter	Fume extraction unit Zero Smog 4V	



Filtration 245

Spare filter

Volume fume extraction | Exhaust hood

# **Exhaust hood**

#### WEHT Exhaust hood for rising fumes

#### Extraction hood WEHT with Easy-Click 60 exhaust top connector

Order No. FT91000022N

- For applications where fumes spread rapidly due to a drafty work environment.
- The hood can enclose the source, enabling fumes to be captured before they contaminate the workplace
- The housing is PET and is NOT ESD safe
- Comes with 700-3051-ESD extraction hose Easy-Click 60 (60 mm diameter), 3 meters long
- Compatible with Weller Zero Smog 4V or Zero Smog 6V systems



Accessories	Order No.	Model	Description
	700-3051-ESD	Extraction hose 3 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter
	FT910 04 699	Zero Smog 2	Fume extraction unit Zero Smog 2

#### WEHB Exhaust hood for glueing / cleaning

# WEHB Extraction Hood Bottom for gluing or cleaning applications

Order No. FT91000023N

- Bottom source extraction hood for gluing or cleaning applications where gases from solvents or glue, lighter than air have to be extracted from below
- Mobil use on a bench or trolly
- To guarantee sufficient extraction results an extraction unit with minimum 230 m3/h must be connected to the hood
- The workplace is covered with a punched stainless steel plate
- Comes with the 700-3051-ESD extraction hose Easy-Click 60 (60 mm diameter), 3 meters in length



Accessories	Order No.	Model	Description
	700-3051-ESD	Extraction hose 3 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter
	FT910 05 699 N	Zero Smog 2 Fume extraction unit for Adhesive fumes	Fume extraction unit Zero Smog 2

246 Filtration

Weller

Volume fume extraction | Exhaust hood



### Zero Smog 4V Kit Extraction Hood

Set: Fume Extraction Zero Smog 4V and Extraction Hood WEHT with top extraction



Order No. FT91 00 002 4N

 The Zero Smog 4V Kit Extraction Hood Top used for applications where fumes spread rapidly due to a drafty work environment. The hood can enclose the source, enabling fumes to be captured before they contaminate the workplace. To guarantee sufficient extraction results an extraction unit with minimum 230 m<sup>3</sup>/h must be connected to the hood.



Scope of supply	Order No.	Model	Description
	700-3051-ESD	Extraction hose 3 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter
	FT910 00 022 N	WEHT Exhaust hood for rising fumes	Extraction hood WEHT with Easy-Click 60 exhaust top connector
	T005 36 606 99N	Zero Smog 4V	Fume extraction unit Zero Smog 4V
Accessories	Order No.	Model	Description
	T005 31 191 99	RS 232 Interface cable	Interface cable RS 232, 2 m (78.74 in) for remote control or monitoring by PC (type 1:1) T005 87 359 09

#### Exhaust hood metal

Exhaust hood, metal



Order No. T005 87 358 45N

- 200 x 100 mm (7,87 x 3,93 Inch)
- Use with hot air soldering operations uses extraction hose 60Metal black
- Inclusive adapter T00 587 627 53

Accessories	Order No.	Model
	T005 87 620 36	Extension hose 60



Description

Extension hose, heavy construction, sold by metre (max. length 15 m)

Tip Extraction

Laser Extraction

Spare filter

Weller<sup>®</sup>

Volume fume extraction | Exhaust hood

#### Zero Smog 4V Kit with WEHB extraction hood

Fume extraction Zero Smog 4V with Extraction Hood WEHB, bottom extraction

275 VA WX TRACEability Source Qualified

Order No. FT91 00 002 5N

 The Zero Smog 4V kit with WEHB Extraction Hood could used for gluing or cleaning applications where gases from solvents or glue, lighter than air have to be extracted from below. The work place is covered with a puncheed steel plate. To guarantee sufficient extraction results an extraction unit with minimum 230 m<sup>3</sup>/h must be connected to the hoods.



Scope of supply	Order No.	Model	Description
	700-3051-ESD	Extraction hose 3 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter
	FT910 00 023 N	WEHB Exhaust hood for glueing / cleaning	WEHB Extraction Hood Bottom for gluing or cleaning applications
	T005 36 616 99N	Zero Smog 4V Adhesive fume filter	Fume extraction unit Zero Smog 4V
Accessories	Order No.	Model	Description
Accessories	Order No.	woder	Description
	T005 31 191 99	RS 232 Interface cable	Interface cable RS 232, 2 m (78.74 in) for remote control or monitoring by PC (type 1:1) T005 87 359 09
	T005 87 359 09N	Remote Control Zero Smog Units	Remote control for fume extraction units ZS 4V, ZS 6V, ZS 20T with filter status display



The Weller Easy Click 60 system is a flexible, easyto-install connector system for quickly and safely putting together surface extraction systems as you want-without any tools\*.

The ESD-safe Easy Click 60 modules provide a variety of connection solutions and are suitable for every application at the workstation. The individual elements can be combined with each other or expanded for individual requirements based on the modular principle.

In addition, thanks to the logical design, the elements can be quickly and flexibly adapted to modified production conditions. \*Except in the case of air intake ports



#### Kit 1 WF 32

Easy-Click 60 extraction arm with sloped nozzle, length 1 m, Ø 32 mm, stop valve.



Order No. T005 87 627 70N

Scope of supply



Desc		

Order No.	Model	Description
700-3051-ESD	Extraction hose 3 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter
T005 36 574 99N	Easy-Click 60 Stop valve	Easy-Click 60 Stop valve for table connection of and flex arm and extraction hose including air flow valve and 2 bench mounting brackets.
T005 36 580 99	WF 32 Extraction Arm 32 mm, with sloped nozzle	WF 32 ESD microscope extraction arm
T005 87 628 34	Sloped Nozzle 31 mm	Sloped aluminium nozzle for 32 mm flex arms, Ø 31 mm, length 60 mm

Accessories Volume extraction

**Tip Extraction** 

Laser Extraction

Weller<sup>\*</sup>

Volume fume extraction | Easy-Click 60 Extraction Arms

# Kit 1 WF Funnel Nozzle

Easy-Click 60 extraction arm, flexible with funnel nozzle and stop valve

Order No. T005 36 571 99N



Scope of supply	Order No.	Model	Description
	0F10	0F10 flexible Extraction arm	Easy-Olick 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 1 m
	700-3051-ESD	Extraction hose 3 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter
	ALFA	ALFA Funnel Nozzle	Easy-Click 60 Funnel nozzle, for flexible and stativ extraction arm, width 230 mm, height 100 mm. To be mounted on an aluminium extraction arm without flexible hose, adapter Z is needed. See extraction arms accessories.
	T005 36 574 99N	Easy-Click 60 Stop valve	Easy-Click 60 Stop valve for table connection of and flex arm and extraction hose including air flow valve and 2 bench mounting brackets.

#### Kit 1 Sloped Nozzle

Easy-Click 60 extraction arm with sloped nozzle and stop valve

#### 

Order No. T005 36 572 99N



Scope of supply	Order No.	Model	Description
	0F10	0F10 flexible Extraction arm	Easy-Click 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 1 m
	700-3051-ESD	Extraction hose 3 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter
	FT-NL	FT-NL Sloped nozzle	Easy-Click 60 metal nozzle Ø 60 mm, length 130 mm.
	T005 36 574 99N	Easy-Click 60 Stop valve	Easy-Click 60 Stop valve for table connection of and flex arm and extraction hose including air flow valve and 2 bench mounting brackets.

#### Kit 1S WF Sloped Nozzle

Easy-Click 60 2 joint aluminium extraction arm with sloped and stop valve

#### 

Order No. T005 36 579 99N



Scope of supply	Order No.	Model	Desc
	0F07	Easy-Click 60 Flexible extraction arm Ø 60 mm length 0,7 m	Easy- funne
	700-3051-ESD	Extraction hose 3 meter	Easy
	FT-NL	FT-NL Sloped nozzle	Easy
	T005 36 598 99N	2 Joint Extraction Arm	Easy- ball j

#### scription

Easy-Click 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 0,7 m, with connectors.

Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter Easy-Click 60 metal nozzle Ø 60 mm, length 130 mm.

Easy-Click 60 2 joint aluminium extraction arm with valve and ball joint bracket

#### Kit 1S WF Funnel Nozzle

Easy-Click 60 1 joint aluminium extraction arm with funnel nozzle and stop valve

#### 

Order No. T005 87 627 63N



cope of supply	Order No.	Model	Description
	0F07	Easy-Click 60 Flexible extraction arm Ø 60 mm length 0,7 m	Easy-Click 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 0,7 m, with connectors.
	700-3051-ESD	Extraction hose 3 meter	Easy-Click 60 Extraction hose Ø 60 mm, length: 3 meter
	ALFA	ALFA Funnel Nozzle	Easy-Click 60 Funnel nozzle, for flexible and stativ extraction arm, width 230 mm, height 100 mm. To be mounted on an aluminium extraction arm without flexible hose, adapter Z is needed. See extraction arms accessories.
	T005 87 627 47N		Easy-Click 60 1 joint aluminium extraction arm with valve and bench mounting brackets

Weller<sup>®</sup>

**Tip Extraction** 

Laser Extraction

Accessories Volume extraction

Spare filter

# KIT 1 Extraction arm with ALFA funnel nozzle

KIT 1 Extraction arm (Ø 60 mm, length 1,5 m) with an ALFA funnel nozzle and a fixing clamp

Order No. FT91 00 003 7N



Scope	of	supply

ly	Order No.	Model	Description
	0F15	0F15 Flexible extraction arm	Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 1,5 m
	ALFA	ALFA Funnel Nozzle	Easy-Click 60 Funnel nozzle, for flexible and stativ extraction arm, width 230 mm, height 100 mm. To be mounted on an aluminium extraction arm without flexible hose, adapter Z is needed. See extraction arms accessories.
	T005 87 628 46	Fixing clamp	Fixing clamp Ø 63 mm, 1 piece, for fixing Easy-Click 60, 60 mm extraction arms

#### **Extraction Tripod**

Easy-Click 60 1 joint extraction tripod



Order No. FT91 00 002 6N

 For volume extraction in higher work area like soldering in switch cabinets. Ready for mounting on Zero Smog 4 V. Measurements with extraction unit: High 1300 mm, Joint 213 mm



252 Filtration

Weller<sup>®</sup>

# **1 Joint Extraction Arm**

Easy-Click 60 1 joint aluminium extraction arm with valve and bench mounting brackets



Order No. T005 87 627 47N



#### 2 Joint Extraction Arm

Easy-Click 60 2 joint aluminium extraction arm with valve and ball joint bracket



Order No. T005 36 598 99N



#### **Ball Joint Extraction Arm**

Easy-Click 60 ball joint aluminium extraction arm with valve and ball joint bracket



Order No. FT-3 44 6N



Filtration 253

**Tip Extraction** 

Laser Extraction

Accessories Volume extraction

Spare filter

Weller

# **1 Joint Double Extraction Arm**

Easy-Click 60 1 joint double aluminium extraction arm with valve and bench mounting brackets



Order No. FT-4 40 2N



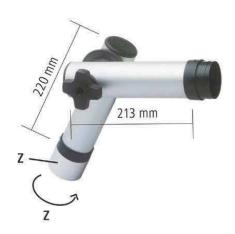
# **Extension Rotating Joint**

Easy-Click 60 extension joint rotating

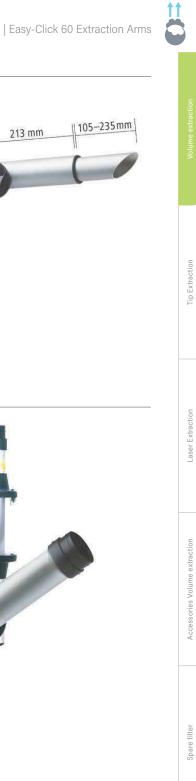


Order No. FT-3 417N

- 1 Joint Extension
- For all Easy-click aluminium extraction arms



220 mm



Filtration

255

#### **Extension Rotating Joint Sloped Nozzle**

Easy-Click 60 extension rotating joint



Order No. FT-3 47 5N

- 1 Joint Extension
- With length adjustable sloped 45° P nozzle for all Easy-click aluminium extraction arms

# 1 Joint Wall Mounting Arm

Easy-Click 60 1 joint aluminium extraction arm with valve



Order No. FT-3 47 0N



# WF 32 Extraction Arm 32 mm, with sloped nozzle Image: State of the stat

# Easy-Click Flexible Extraction Arms, Ø 32 mm





Order No.	Description
3-0F05	Easy-Click 60 Flexible Extraction arm, Ø 32 mm, length 0,5 m
3-0F07	Easy-Click 60 Flexible extraction arm, Ø 32 mm, lenght 0,7 Meter
3-0F15	Easy- Click 60 Flexible extraction arm, Ø 32 mm, length 1,5 m

# Flexible Extraction Arms Ø 60 mm



Order No.	Description
0F05	Easy-Click 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 0,5 m, with connectors.
0F07	Easy-Click 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 0,7 m, with connectors.
0F10	Easy-Click 60 flexible Extraction arm, Ø 60 mm for sloped and funnel nozzles, length 1 m
0F15	Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 1,5 m
0F20	Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 2,0 m

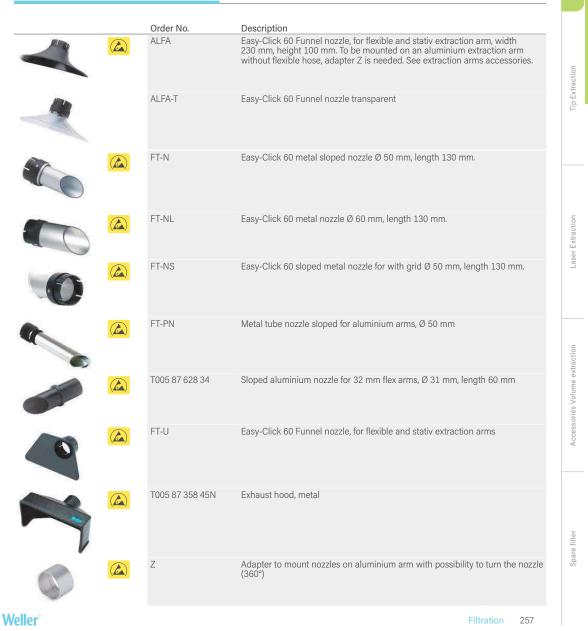
256 Filtration

Weller<sup>®</sup>

Volume fume extraction | Accessories for extraction arms

# Accessories for extraction arms

#### **Extraction Arm Nozzles**



Volume fume extraction | Accessories Volume Extraction

# **Accessories Volume Extraction**

Order No.	Description
T005 87 628 65	Wire handle/brush extension 1000 mm
T005 87 627 67N	Easy-Click 60 Hose connector, straight for WFE 2S / WFE 4S, Zero Smog 4V / Zero Smog 6V and pre filter box
T005 87 627 69	Easy-Click 60 Hose connector, angle 90° for WFE 2S / WFE 4S, Zero Smog 4V / Zero Smog 6V and pre filter box

#### **Extraction Hose**



Easy-Click 60 Extraction hose Ø 60 mm lenght: 5 meter

700-3053-ESD

Volume fume extraction | Accessories Volume Extraction

# Easy-Click 60

	Order No.	Description	Ę
	T005 87 627 55	Easy-Click 60 Male adapter for hose extension, Ø 60 mm	Volume extraction
	T005 87 627 72	Easy-Click 60 Female adapter for installation of e.g. stop valves on fume extraction units	
	T005 87 627 73	Easy-Click 60 male adapter 90°	5
<b>೧</b>	T005 87 620 36	Extension hose, heavy construction, sold by metre (max. length 15 m)	Tip Extraction
	T005 87 627 68	Hose connection female 60 mm for flexible hose T005 87 620 36	
	300-3011	Easy-Click 60 hose connection female 60 mm	Laser Extraction

Spare filter Accessories Volume extraction Laser E

**†**†

Volume fume extraction | Accessories Volume Extraction

# Pipe system 50

	Order No.	Description
0	T005 87 358 47	Hose connection 50 for WFE 2S, WFE 4S, ZS 4V and ZS 6V. For connection to Ø 50 mm (1.96 in) pipe or extraction hose
5	T005 87 358 48	Hose connection 50, 90° for connection to Ø 50 mm (1.96 in) pipe or extraction hose
0	T005 87 353 27	Extraction hose 50, for connection to pie system Ø 50 mm, sold by meter

# Pipe system 75

	Order No.	Description
	T005 87 358 32	Hose connection 75 for ZS 4V, ZS 6V, WFE 2S und WFE 4S e.g. for connection to a stand alone system by means Ø 75 mm (2.95 in) pipe or extraction hose. Plastic, black
5	T005 87 358 33	Hose connection 75, 90° for connection of Ø 75 mm (2.95 in) pipe or extraction hose, plastic, black
0	T005 87 353 13	Extraction hose 75 for connection to pie system 75, flexible, sold by metre
$\mathcal{Q}_{\mathcal{Q}}$	T005 87 358 31	Hose clamps 70-90 mm (2.75 - 3.54 in), 2 pieces, for securing extraction hose 75
	T005 87 358 56	Adapter PEHD pipe system 75 to pipe system 50, without seals

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Volume fume extraction | Accessories Volume Extraction

# Accessories Volume Extraction

	Order No.	Description	
	800-5002	Reduction 100 / 63 mm, incl. quick connection	
55 <b>X</b>	T005 36 574 99N	Easy-Click 60 Stop valve for table connection of and flex arm and extraction hose including air flow valve and 2 bench mounting brackets.	
	T005 36 575 99	Bench mounting brackets, 2 pcs., max. width of clamp 100 mm (3.93 in), metal	
	T005 87 627 46N	Easy-Click WFV 60 A Automatic valve, including 2 bench mounting brackets, WX soldering station controlled automatic valve, male / male	
	T005 87 627 65N	WFV 60 Stop valve for extraction arms without valve	
	780-3001-ESDN	Hanging device for table mounting for fume extraction unit WFE 2X, MG 100, MP 140 including 2 brackets	
	FT-WN	Replacement butterfly valve plate for stop valve with axis rod and handle	
	T005 87 628 08	Butterfly valve for WFV 60 stop valve	

Weller<sup>\*</sup>

Filtration 261

Spare filter

Volume fume extraction | Accessories Volume Extraction

# **Accessories Installation Volume Extraction**

	Order No.	Description
	T0058762766	Easy-Click 60 T-piece with 2 male connections and 1 female connection
	T0058762774	Easy Click 60 End Cap, 60 mm connection
<b>V</b>	T0058762771	Adapter Ø 75 mm for Easy-Click 60
	T0058762750	40/60 Adapter for Easy-Click 60 Extraction arms on Ø 50 mm WFEMP50 power socket.
00	T0058762753	Hose adapter with Silicon Ring Ø 50 mm for Zero Smog 4V, Zero Smog 6V, Zero Smog EL, Zero Smog TL, WFE 2ES, WFE 2CS, WFE 2S, WFE 2S, MG or MP fume extraction units, for connection of Easy-Click 60 mm extraction hose.



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