

## WALLPRO 2.0 BASIC

### STATIONARY WELDING FUME EXTRACTOR

The WallPro 2.0 Basic is a stationary welding fume filter including fan. The highly efficient filter cartridge is automatically cleaned by the integrated HyperClean™ system, based on external compressed air supply.

Unlike most similar stationary filter units, filter cleaning also takes place *offline* (fan off), which is much more effective than the usual online (fan on).

The WallPro 2.0 Basic is suitable for connection to e.g. a DraftMax Eco (downdraft table) or a FlexHood (modular extraction hood).



### APPLICATIONS

The WallPro 2.0 Basic is intended to be used for the following applications: 

- MIG-MAG/GMAW welding
- TIG welding
- FCAW welding
- stick/MMAW welding
- stainless steel welding
- grinding
- polishing
- finishing

### SPECIFICATIONS (general)

#### Physical dimensions and properties (filter unit)

Material (housing):	electro-zinc coated steel (according to DIN EN 10152)
• steel grade	• DC01+ZE
• steel grade no.	• 1.0330
Colour	yellow RAL 1004 grey RAL 7011
Weight (net), excl. fan	125 kg
Supply cable	not included
Capacity of dustbin	18 litres

#### Filter cartridge

Type	CART-O/PTFE/20
Filter material	BiCo polyester with PTFE membrane
Filter surface area	20 m <sup>2</sup>
Shape	cylindric
Washable	no

#### Compressed air system

Required compressed air quality	dry and oil-free according to ISO 8573-3 class 6
Inlet pressure	5-10 bar (75-150 PSI)
Required pressure	5 bar (75 PSI) (by integrated pressure regulator)
Compressed air connection	G 3/8" (female)
Compressed air consumption	800 nL (2 $\frac{7}{8}$ ft <sup>3</sup> ) per cleaning cycle
Activation of filter cleaning system (both online and offline)	• pressure controlled • manually by push button • at shutdown
Duration of filter cleaning cycle	120 seconds (4 x 30)

#### Ambient and process conditions

Process temperature:	
• min.	• 5°C (41°F)
• nom.	• 20°C (68°F)
• max.	• 70°C (158°F)
Max. relative humidity	90%
Suitable for outdoor use	no
Storage conditions	• 5-45°C (41-113°F) • relative humidity max. 80%

#### Options and accessories (general)

Dustbin extension set	
• metric	• Ø 200 mm
• imperial	• Ø 8 inch
MCC-05	inductive sensor for automatic start/stop (only in combination with ControlPro)
Filter disposal bag (5 pieces)	for dust-free filter removal

#### Scope of supply

Filter unit (without side panels) – Side panel set – Mounting bracket – Fan – Dustbin – Air hose (filter pressure) 2x10 m – Control panel – Duct mounting kit (inlet flange + non-return valve) – SealApplicator (seal assembly lubricant) – Fan outlet transition from rectangular to round – Filter disposal bag (5 pieces)

### APPROVALS/CERTIFICATES

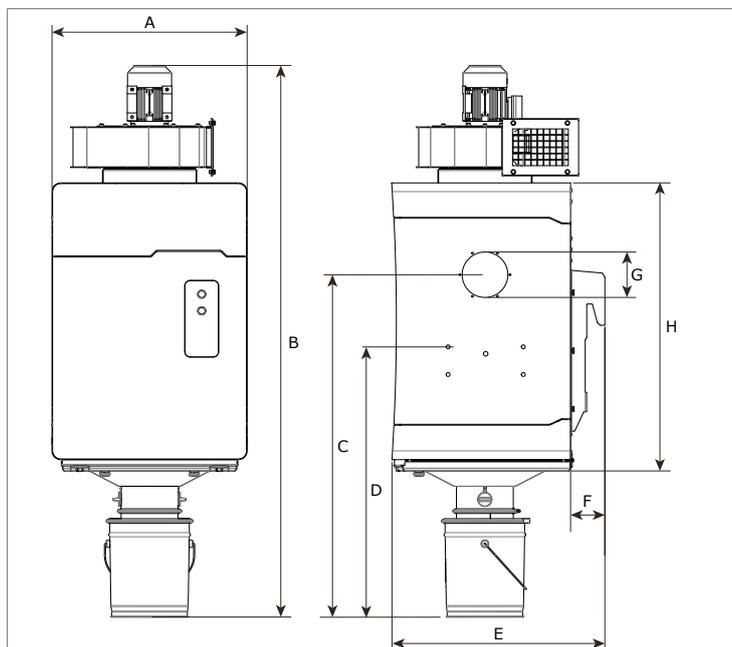
		Control panel
50Hz	60Hz	
Welding fume class	W3 according to ISO 15012-1:2013	
	Directive 2011/65/EC (RoHS) valid as of 8 June 2011	

**SPECIFICATIONS (per product type)**

	Type Frequency	WallPro 2.0 Basic		WallPro 2.0 Basic PowerPlus	
		50Hz	60Hz	50Hz	60Hz
<b>■ Inlet connection</b>					
Diameter		Ø 160 mm		Ø 200 mm	
Number (left or right)		1		1 (2 on request)	
<b>■ Extraction fan<sup>1</sup></b>					
Type		FUA-3000		FUA-4700	
Power consumption		1,1 kW (1.5 HP)	1,5 kW (2 HP)	2,2 kW (3 HP)	2,2 kW (3 HP)
Motor design		IEC	NEMA	IEC	NEMA
Energy efficiency		IE3	premium	IE3	premium
Fan outlet (via adapter)		Ø 250 mm		Ø 250 mm	
<b>■ Control equipment</b>					
Control panel		ControlGo	ControlPro	ControlPro	ControlPro
<b>■ Performance</b>					
Max. extraction capacity (without arm; clean filter)	<ul style="list-style-type: none"> <li>• 1 inlet</li> <li>• 2 inlets</li> </ul>	1250 m <sup>3</sup> /h (735 CFM) n/a		2100 m <sup>3</sup> /h (1240 CFM) 2 x 1550 m <sup>3</sup> /h (2 x 915 CFM)	
Noise level (according to ISO 3746) • with optional silencer		75 dB(A) 67 dB(A)		76 dB(A) 67 dB(A)	
<b>■ Options and accessories</b>					
Silencer		SAS-250 straight		SAS-250 straight	
<b>■ Order information</b>					
Article no.:	<ul style="list-style-type: none"> <li>• 400V/3ph/50Hz</li> <li>• 208-230V/3ph/60Hz</li> <li>• 460V/3ph/60Hz</li> <li>• 575V/3ph/60Hz</li> </ul>	0000121221		0000121225	
			0000121222		0000121226
			0000121223		0000121227
			0000121224		0000121228
<b>■ Logistics data</b>					
Gross weight (incl. fan and pallet)					
Packing dimensions (incl. pallet):	<ul style="list-style-type: none"> <li>• filter unit</li> <li>• fan</li> <li>• remaining parts</li> </ul>	850 x 750 x 1400 mm		850 x 750 x 1400 mm	
Harmonized Tariff Code		84213925		84213925	

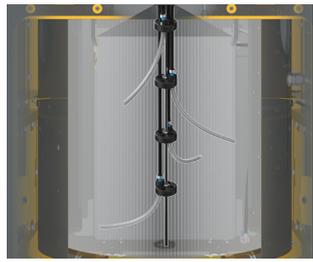
<sup>1</sup> Refer to the separate product data sheet for more detailed information

**DIMENSIONS**



	mm	inch
<b>A</b>	700	27½
<b>B</b> Basic	1991	78¾
Basic PowerPlus	2059	81½
<b>C</b>	1236	48¾
<b>D</b>	975	38¾
<b>E</b>	764	30¾
<b>F</b>	123	4¾
<b>G</b> Basic	Ø 164	Ø 6½
Basic PowerPlus	Ø 204	Ø 8
<b>H</b>	1040	41

**FEATURES & BENEFITS**



Highly effective **offline** filter cleaning (HyperClean™ system)



Dustbin extension set (option) for ease of maintenance



**Dust-free** filter removal & service (bag-in/bag-out)



**ControlGo**  
Control panel for basic fan and filter control



**ControlPro**  
Control panel with integrated HMI for advanced fan and filter control

**Intelligent** control equipment



The WallPro 2.0 Basic "PowerPlus" is particularly suitable for heavy duty applications with large quantities of fume, such as flux-cored arc welding in combination with an automated welding process

**Application restrictions**

Do **not** use the product for the following applications or in the following circumstances: polishing applications in combination with grinding, welding or any other application that generate sparks (fibres from polishing or abrasive flap disks are highly flammable and pose a high risk of filter fires when exposed to sparks) | aluminium laser cutting | oil mist | heavy oil mist in welding fume | arc-air gouging | extraction of aggressive fumes and gases (e.g. from acids, from alkaline, from soldering paste containing lithium) | extraction of hot gases (more than 70°C/158°F continuously) | grinding aluminum and magnesium | flame spraying | extraction of cement, saw dust, wood dust etc. | sucking cigarettes, cigars, oiled tissues and other burning particles, objects and acids | explosive environments or explosive substances/gases

Product type  
Article no.  
Product category  
Version

**WallPro 2.0 Basic**  
*refer to Order information*  
stationary filter units  
20DEC2023/B

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