

## WALLPRO 2.0 DOUBLE

### STATIONARY WELDING FUME EXTRACTOR

The WallPro 2.0 is a stationary welding fume filter including two extraction arm and a 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 extraction arms can be mounted directly to the filter unit ("DM" types) or at an external position ("EM" types).



Image: WallPro 2.0 Double "DM"

### APPLICATIONS

The WallPro 2.0 Double 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. arms	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)	<ul style="list-style-type: none"> <li>• pressure controlled</li> <li>• manually by push button</li> <li>• at shutdown</li> </ul>

Duration of filter cleaning cycle	120 seconds (4 x 30)
■ Ambient and process conditions	
Process temperature:	<ul style="list-style-type: none"> <li>• min. 5°C (41°F)</li> <li>• nom. 20°C (68°F)</li> <li>• max. 70°C (158°F)</li> </ul>
Max. relative humidity	90%
Suitable for outdoor use	no
Storage conditions	<ul style="list-style-type: none"> <li>• 5-45°C (41-113°F)</li> <li>• relative humidity max. 80%</li> </ul>
■ Options and accessories (general)	
Dustbin extension set	<ul style="list-style-type: none"> <li>• metric Ø 200 mm</li> <li>• imperial Ø 8 inch</li> </ul>
MCC-05	inductive sensor for automatic start/stop
Filter disposal bag (5 pieces)	for dust-free filter removal
■ Scope of supply	
Filter unit (without side panels) – Side panel set – Extraction arm (2) – Mounting bracket (2) – Fan – Dustbin – Air hose (filter pressure) 2x10 m – Control panel – Arm/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)**

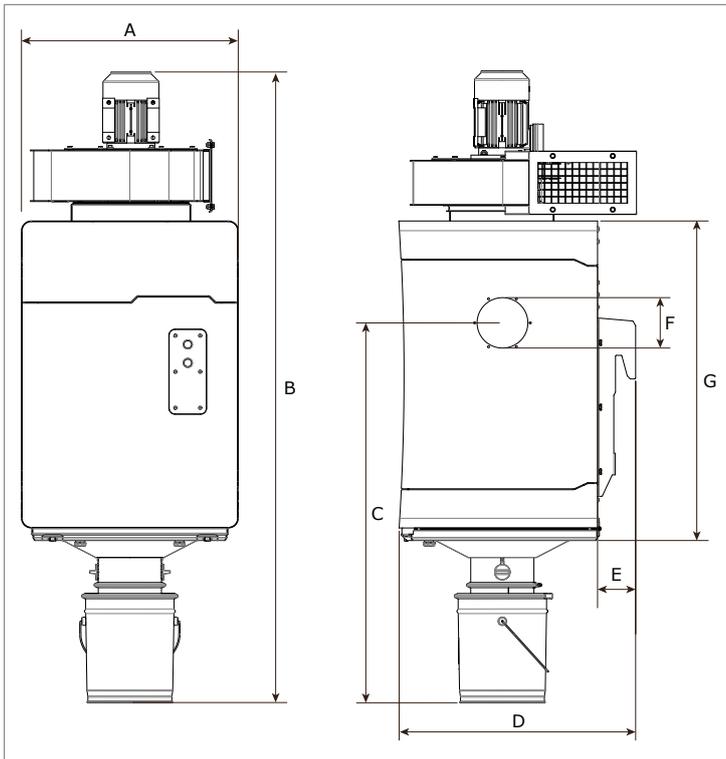
WallPro 2.0 Double-	160/3-DM	160/4-DM	200/3-DM	200/4-DM
	160/3-EM	160/4-EM	200/3-EM	200/4-EM
<b>■ Extraction arm (2)<sup>1</sup></b>				
Type	KUA-160/3H	KUA-160/4H	KUA-200/3H	KUA-200/4H
Length	3 m	4 m	3 m	4 m
Diameter	Ø 160 mm		Ø 200 mm	
<b>■ Extraction fan<sup>1</sup></b>				
Type	FUA-4700		FUA-4700	
Power consumption	2,2 kW (3 HP)		2,2 kW (3 HP)	
Motor design: • 50Hz units • 60Hz units	IEC NEMA		IEC NEMA	
Energy efficiency: • 50Hz units • 60Hz units	IE3 premium		IE3 premium	
Fan outlet (via adapter)	Ø 250 mm		Ø 250 mm	
<b>■ Control equipment</b>				
Control panel	ControlPro		ControlPro	
<b>■ Performance</b>				
Extraction capacity	max. 2 x 1000 m <sup>3</sup> /h (2 x 560 CFM)		max. 2 x 1450 m <sup>3</sup> /h (2 x 855 CFM)	
Noise level <sup>2</sup> • with optional silencer	76 dB(A) 71 dB(A)		76 dB(A) 71 dB(A)	
<b>■ Options and accessories</b>				
Silencer	SAS-250 straight		SAS-250 straight	
Manual on/off switch on the hood, incl. LED working light	LL-5.5/24-200		LL-5.5/24-200	

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

<sup>2</sup> According to ISO 3746

<b>■ Order information</b>				
	Article no.	Article no.	Article no.	Article no.
WallPro 2.0 Double-	160-3/DM	160/4-DM	200/3-DM	200/4-DM
400V/3ph/50Hz	0000121143	0000121144	0000121145	0000121146
208-230V/3ph/60Hz	0000121147	0000121150	0000121153	0000121156
460V/3ph/60Hz	0000121148	0000121151	0000121154	0000121157
575V/3ph/60Hz	0000121149	0000121152	0000121155	0000121158
WallPro 2.0 Double-	160-3/EM	160/4-EM	200/3-EM	200/4-EM
400V/3ph/50Hz	0000121159	0000121160	0000121161	0000121162
208-230V/3ph/60Hz	0000121163	0000121166	0000121169	0000121172
460V/3ph/60Hz	0000121164	0000121167	0000121170	0000121173
575V/3ph/60Hz	0000121165	0000121168	0000121171	0000121174
<b>■ Logistics data</b>				
Gross weight (incl. arms, fan and pallet)				
Packing dimensions (incl. pallet): • filter unit • extraction arms  • fan • remaining parts	850 x 750 x 1400 mm 2100 x 300 x 500 mm (2x)		850 x 750 x 1400 mm 1740 x 355 x 660 mm (2x)   2085 x 355 x 660 mm (2x)	
Harmonized Tariff Code	84213925		84213925	

**DIMENSIONS**

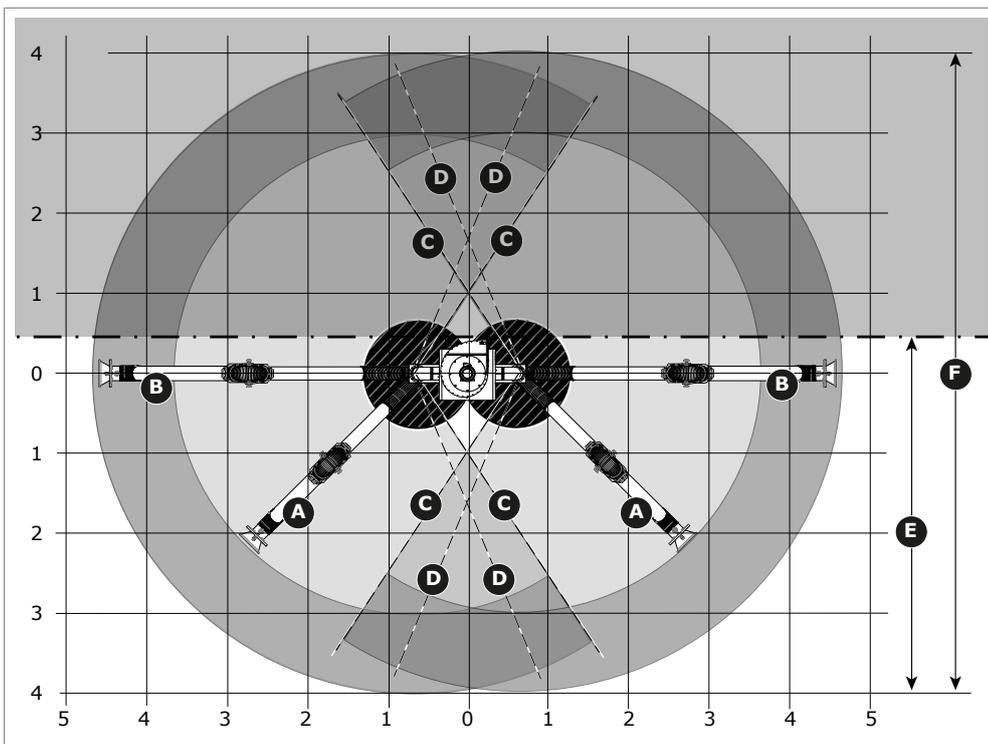


	mm	inch
<b>A</b>	700	27½
<b>B</b>	2059	81⅞
<b>C</b>	1236	48⅝
<b>D</b>	764	30⅞
<b>E</b>	123	4⅞
<b>F</b>	with KUA-160: Ø 164 with KUA-200: Ø 204	Ø 6½ Ø 8
<b>G</b>	1040	41

**WORKING RANGE**

WallPro 2.0 Double "DM": the extraction arms are directly mounted to the housing of the filter unit.

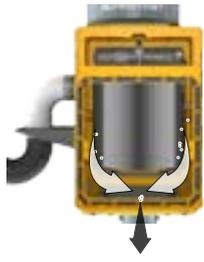
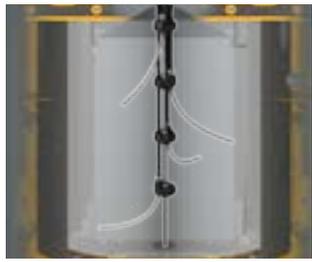
Image: top view; for a side view of the working range per arm, refer to the separate data sheets of the KUA-160 and KUA-200.



Max. distance	
<b>A</b>	KUA-160/3H KUA-200/3H
<b>B</b>	KUA-160/4H KUA-200/4H
Max. angle	
<b>C</b>	KUA-160/3H KUA-160/4H
<b>D</b>	KUA-200/3H KUA-200/4H
Mounting position	
<b>E</b>	Wall mounting
<b>F</b>	On a stanchion or similar

WallPro 2.0 Double "EM": the extraction arms are mounted separately from the filter unit. The working range thus depends on the duct length between the extraction arms and the filter unit.

## FEATURES & BENEFITS



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



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



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

**Intelligent** control equipment



Dustbin extension set (option) for ease of maintenance

### 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 Double**  
*refer to Order information*  
stationary filter units  
20DEC2023/F

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