DUALGO

STATIONARY FILTER UNIT WITH TWO HOSE TUBE ARMS

The DualGo is a stationary welding fume filter with integrated fan and two hose tube arms (Economy Arm). It contains a disposable filter package.

The DualGo has been designed for occasional to regular welding activities (approx. 1 coil of solid wire or 7,5 kg/16.5 lbs of electrodes per workplace per month) and TIG welding.



APPLICATIONS

The DualGo is intended to be used for the following applications:



- MIG-MAG/GMAW weldingTIG welding
- grinding
 polishing
 finishing
- FCAW weldingstick/MMAW welding
- 1111311

SPECIFICATIONS

Physical dimensions and propertiesMaterial (housing):electro-zinc coated steel (according to DIN EN 10152)• steel grade• DC01+ZE• steel grade no.• 1.0330Colouryellow RAL 1004 grey RAL 7011Weight (net), excl. arms125 kg (276 lbs.)Mains cordnot includedExtraction armsTypeTypeEconomy Arm (EA)Materialhose tubeDiameterØ 160 mm (6.3 in.)Hood openingØ 300 mm (11.8 in.)Length per arm:• 2 m• EA-2/H• 2 m• EA-2/H• 11 kg (24.3 lbs)• EA-2/H• 11 kg (28.7 lbs)• EA-2/H• 11 kg (28.7 lbs)• EA-3/H• 13 kg (28.7 lbs)• EA-4/H• 15 kg (33.1 lbs)I FiltersPre filter cassette:• material• polyester• filter surface• 1 m² (10.8 ft²)• filter classification• ISO Coarse 70% according to ISO 16890• washable• noHEPA filter cassette:• no• material• glass fibre• filter surface• 26 m² (280 ft²)		
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Length per arm: $EA-2/H$ $2 m$ $3 m$ $EA-3/H$ $3 m$ $EA-3/H$ $4 m$ Weight per arm: $EA-2/H$ $11 kg (24.3 lbs)$ $13 kg (28.7 lbs)$ $EA-3/H$ $13 kg (28.7 lbs)$ $EA-4/H$ $15 kg (33.1 lbs)$ Filters Pre filter cassette: • material• filter surface $1 m^2 (10.8 ft^2)$ • filter classification• ISO Coarse 70% according to ISO 16890• washable• noHEPA filter cassette:• glass fibre	Diameter	Ø 160 mm (6.3 in.)
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Pre filter cassette: • polyester • material • polyester • filter surface • 1 m² (10.8 ft²) • filter classification • ISO Coarse 70% according to ISO 16890 • washable • no HEPA filter cassette: • glass fibre	• EA-2/H • EA-3/H	• 13 kg (28.7 lbs)
 material polyester filter surface filter classification Washable HEPA filter cassette: material glass fibre 	Filters	
 filter surface filter classification washable HEPA filter cassette: material I m² (10.8 ft²) I SO Coarse 70% according to ISO 16890 No 	Pre filter cassette:	
 filter classification iSO Coarse 70% according to ISO 16890 washable no HEPA filter cassette: material glass fibre 	• material	• polyester
to ISO 16890 • washable • no HEPA filter cassette: • material • glass fibre	 filter surface 	• 1 m² (10.8 ft²)
HEPA filter cassette: • material • glass fibre	• filter classification	
• material • glass fibre	washable	• no
	HEPA filter cassette:	
• filter surface • 26 m ² (280 ft ²)	• material	• glass fibre
	filter surface	• 26 m² (280 ft²)

 efficiency class 	• E12 according to EN 1822-1:2009
 washable 	• no
Welding fume class	
W3	according to ISO 15012-1:2013
Performance	
Fan type	radial
Extraction capacity (incl. extraction arms)	max. 1700 m ³ /h (1000 CFM)
Fan speed	2800 rpm
Noise level (according to ISO 3746) • with silencer SAS-315	• 79 dB(A) • 70 dB(A)
Electrical data	
Power consumption	2,2 kW (3 HP)
Available connection voltage	• 400V/3ph/50Hz (435)
Motor design	NEMA
Energy efficiency	IE3 / premium
Ambient and process	conditions
Process temperature: • min. • nom. • max.	• 5°C (41°F) • 20°C (68°F) • 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 accessor	ies
SAS-250 straight	silencer
Scope of supply	
Stationary filter unit, incl. fan and wall bracket – Extraction arm (pre-assembled; excl. hose tube) (2) – Hose tube (2) – Hose clamp (4) – Rotating flange (2) – Arm swivel ring, incl. rubber collar (2) – Extraction hood (2) – Hood collar with safety mesh (2) – Mounting material – Switch box – Outlet transition rectangular-round Ø 250 mm	

Outlet transition rectangular-round Ø 250 mm

product data sheet

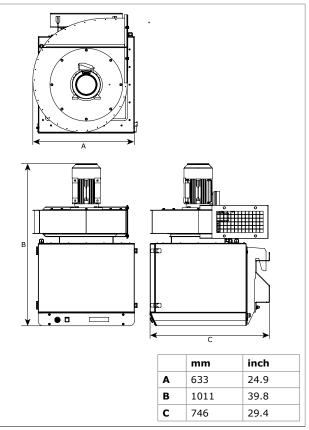
clean air at work

PLYM[®]VENT[®]

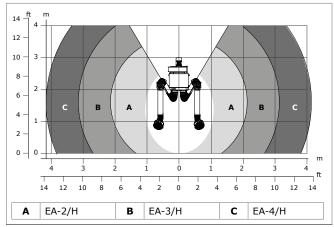
Туре	DualGo/2m+2m	DualGo/3m+3m	DualGo/4m+4m
Order information			·
Connection voltage	Article no.	Article no.	Article no.
400V/3ph/50Hz	0000111462	0000111482	0000111494
Number/package	1	1	1
Logistics data	·	·	·
Gross weight (incl. pallet)	156 kg (344 lbs.)	169 kg (373 lbs.)	173 kg (381 lbs.)
Packing dimensions (incl. pallet)	80 x 120 x 135 cm (31.5 x 47.2 x 53.1 in.)	100 x 120 x 175 cm (39.8 x 47.2 x 68.9 in.)	100 x 120 x 225 cm (39.8 x 47.2 x 88.6 in.)
Max. number/pallet	1	1	1
Harmonized Tariff Code	84213925	84213925	84213925

Туре	DualGo/2m+3m	DualGo/2m+4m	DualGo/3m+4m
Order information			
Connection voltage	Article no.	Article no.	Article no.
400V/3ph/50Hz	0000111500	0000111506	0000111512
Number/package	1	1	1
Logistics data			
Gross weight (incl. pallet)	166 kg (366 lbs.)	168 kg (371 lbs.)	171 kg (377 lbs.)
Packing dimensions (incl. pallet)	100 x 120 x 175 cm (39.8 x 47.2 x 68.9 in.)	100 x 120 x 225 cm (39.8 x 47.2 x 88.6 in.)	100 x 120 x 225 cm (39.8 x 47.2 x 88.6 in.)
Max. number/pallet	1	1	1
Harmonized Tariff Code	84213925	84213925	84213925

DIMENSIONS



WORKING RANGE





clean air at work

FEATURES & BENEFITS





Remote control

Service indicator (buzzer)

APPROVALS/CERTIFICATES

CE	
RoHS	Directive 2011/65/EC (RoHS) valid as of 8 June 2011

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	DualGo
Article no.	refer to Order information
Product category	stationary filter units
Version	270521/E

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