PLYMOVENT®
clean air at work

FAN-28

EXTRACTION FAN

The FAN-28 is a wall-mounted extraction fan that provides extraction for T-Flex/Flex/UltraFlex extraction arms with or without filtration. It needs to be mounted on a separate wall bracket.



Scheda tecnica

APPLICATIONS

The FAN-28 is intended to be used for the following applications:
- MIG-MAG/GMAW welding
- TIG welding
- FCAW welding
- stick/MMAW welding

Do **not** use the FAN-28 for the following applications or in the following circumstances:
- arc-air gouging
- aluminium laser cutting
- extraction of aggressive fumes and gases (e.g. from acids, from alkaline, from soldering paste containing lithium)
- extraction of hot gases (more than 45°C/113°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

SPECIFICATIONS

Physical dimensions and properties	
Material housing	polypropylene
Colour: • Housing • Motor	 • grey RAL 7024 • black RAL 9005
Inlet diameter	Ø 200 mm (Ø 7.87 in.)
Outlet diameter	Ø 160 mm (Ø 6.30 in.)
Weight (net)	15 kg (33 lbs.)
Performance	
Fan type	radial
Unrestricted airflow	2400 m³/h (1413 CFM)
Speed	2800 rpm
Noise level	69 dB(A) according to ISO 3746
Electrical data	
Power consumption	0,75 kW (1 HP)
Available connection voltages	115V/1~/50Hz; 230V/1~/50Hz; 230V/3~/50Hz; 400V/3~/50Hz; 230V/1~/60Hz; 230V/3~/60Hz; 400V/3~/60Hz
Max. start/stops per hour	30
Insulation class	F
Protection class	IP 55
Ambient conditions	
Operating temperature: • Min. • Nom. • Max.	 • 5°C (41°F) • 20°C (68°F) • 45°C (113°F)
Max. relative humidity	80%
Outdoor use allowed	no
Storage conditions	• 5-45°C (41-113°F) • relative humidity max. 80%
Product combinations	
T-Flex	telescopic extraction arm
Flex-2/3/4	flexible extraction arm
UltraFlex-3/4	ultraflexible extraction arm
TNB/NMB	wall mounting bracket
Available options	
SAS-160	silencer; noise reduction 5 dB(A)
Motor protection switch: • MPS 10.0-16.0 A • MPS 4.0-6.3 A • MPS 2.5-4.0 A • MPS 1.6-2.5 A	FAN-28: • 115V/1~/50Hz • 230V/1~/50Hz • 230V/3~/50Hz • 400V/3~/50Hz
Thermal relay: • NTR 10.0 -14.0 A • NTR 4.0-6.3 A • NTR 3.0-4.7 A • NTR 1.7-2.4 A	FAN-28: • 115V/1~/50Hz • 230V/1~/50Hz • 230V/3~/50Hz • 400V/3~/50Hz
Scope of supply	
Fan - Hardware	

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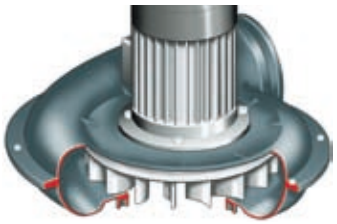
Order information	
Article numbers: • 7905220020 • 7905220010 • 7905220050 • 7905220040 • 7905222030 • 7905222020 • 7905222040	 • FAN-28 115V/1~/50Hz • FAN-28 230V/1~/50Hz • FAN-28 230V/3~/50Hz • FAN-28 400V/3~/50Hz • FAN-28 230V/1~/60Hz • FAN-28 230V/3~/60Hz • FAN-28 400V/3~/60Hz
Number/package	1
Shipping data	
Gross weight	18 kg (39.7 lbs.)
Packing dimensions	
Max. number/pallet	10
Harmonized Tariff Code	8414.5940.90
Country of origin	the Netherlands

APPROVALS/CERTIFICATES

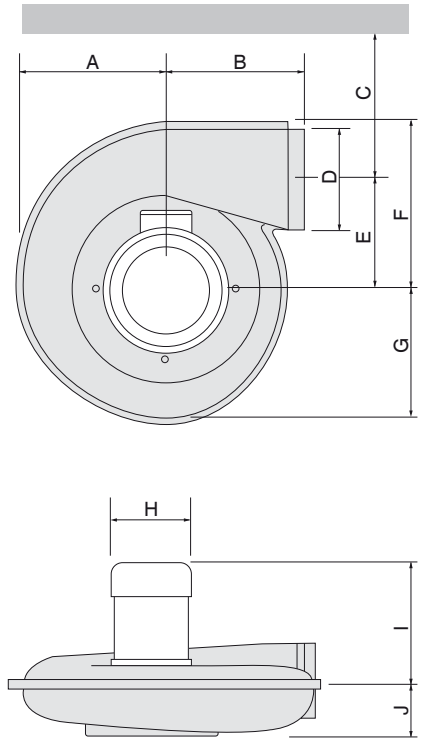
CE	
RoHS 2002/95/EC	EU Directive 2002/95/EC (RoHS) (valid as of July 2006)

FEATURES

Radial fan wheel

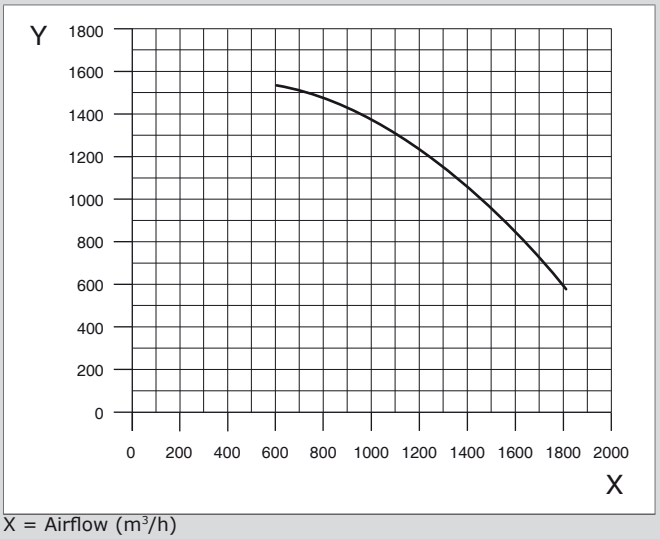


DIMENSIONS



	mm	inch
A	250	9.84
B	230	9.06
C	130	5.12
D	160	6.30
E	167	6.57
F	275	10.83
G	225	8.86
H	Ø 160	Ø 6.30
I	300	11.81
J	70	2.75

FAN CURVE



X = Airflow (m^3/h)
Y = Static pressure (Pa)

Product type	**FAN-28**
Article no.	refer to order information
Product category	extraction fans
Version	071010/B

Always check the latest version on **www.plymovent.com**.

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