



# Turbo-Flo

## *Fresh Air Hose Breathing Apparatus*

The fresh air hose breathing apparatus Turbo-Flo is an isolating respiratory protection apparatus which can be put to use where conditions permit to draw air from a hazard-free atmosphere.

Turbo-Flo can be used as unassisted fresh air breathing apparatus or as assisted fresh air breathing apparatus. Since the air supply is practically unlimited, the user can work without time restrictions.

## Design and Functioning

Turbo-Flo consists of a **belt connector** which is firmly fixed to the **waist belt**. This is worn on the back. At the belt connector is the air supply hose which is connected to the twin breathing hose.

The **twin breathing hose** is positioned along the back and over the shoulders and thus allows the user greatest freedom of movement.

It contains a pressure relief valve and a standard thread connector according to EN 148-1. The mask is the world renowned full face mask 3S.

The fresh air hose breathing apparatus can be used as assisted or unassisted fresh air breathing apparatus.



*Turbo-Flo blower with twin breathing hose, waist belt with connector, air supply hose and 3S full face mask*



*Turbo-Flo as unassisted fresh air hose breathing apparatus*

## Approval

The fresh air hose breathing apparatus Turbo-Flo is tested and approved according to EN 138 as assisted and unassisted fresh air breathing apparatus.

## Use as Unassisted Fresh Air Hose Breathing Apparatus

When used as unassisted fresh air hose breathing apparatus, the breathable air is drawn by lung power through an air supply hose of 9 m or 18 m long.

At the hose end an end filter is attached to prevent foreign objects, e.g. stones into the hose. The hose end is fixed with a spike.



*Turbo-Flo end filter*



*Turbo-Flo spike & clip*



## Features and Benefits

- Robust design
- Simple operation
- Reliable construction
- Easy to carry
- Little maintenance
- Blower assisted breathing
- Greatest freedom of movement through positioning of breathing hoses over shoulders



Turbo-Flo Blower



Turbo-Flo assisted fresh air hose breathing apparatus

## Use as Assisted Fresh Air Hose Breathing Apparatus

If used as assisted fresh air hose breathing apparatus, instead of the end filter the **Turbo-Flo blower** is connected to the hose end.

The Turbo-Flo blower draws fresh air and pumps it through the air supply hoses with a length of 9 m to 54 m to one or two apparatus users.

The blower supported air can be supplied to one or two users. The minimum flow volume per user is 120 l/min. The flow volume is individually adjustable at the blower.

The Turbo-Flo blower is small, light, robust, efficient and very easy to operate.

The **air supply hoses** are available in lengths of 9 m and 18 m. On both ends they have a thread connector for the twin breathing hose at the user's side and for the end filter, resp. the Turbo-Flo blower, at the hose end. For blower operation several hoses can be attached together via hose connectors.

Between work operations the apparatus equipment can be kept in **storage containers**.

One storage container will hold, e.g. the Turbo-Flo blower and a 9 m hose or the unassisted fresh air hose breathing apparatus and a 9 m hose.



## Technical Data

### Turbo-Flo blower

Electrical connection	240 V, 50 Hz
Dimensions	280 x 240 x 240 mm
Weight	approx. 5.5 kg
Performance	min. 120 l/min per person
Protection	IP 54 (protected against splash water)
Approval	EN 138

### Air supply hoses

Material	PVC
Lengths	9 m or 18 m for unassisted fresh air hose breathing apparatus, 9 m or 18 m, extendable up to 54 m per person, for assisted fresh air hose breathing apparatus

## Order Information

B1260006	Turbo-Flo, apparatus assembly (3S mask, twin breathing hose, waist belt with connector, 9 m air supply hose)
B1260007	Turbo-Flo, apparatus assembly without full face mask and blower
B1260009	Turbo-Flo blower 240 V, alternating current
B1260010	Turbo-Flo blower 12 V, direct current
B1260011	Turbo-Flo blower 110 V, alternating current

### Accessories

D2055000	3S full face mask
B1260021	Carrying case
B1260012	Twin breathing hose
B1260013	Waist belt with connector
B1260014	Air supply hose (9 m)
B1260018	Air supply hose (18 m)
B1266000	Hose connector
B1260015	Spike & clip
B1260016	End filter

### Your direct contact

#### MSA EUROPE Regional Head Offices & Great Britain ([www.msa-europe.com](http://www.msa-europe.com))

**Northern Europe**  
MSA Nederland B.V., Hoorn  
Phone +31 (229) 25 03 03  
E-Mail [info@msaned.nl](mailto:info@msaned.nl)

**Central Europe**  
MSA AUER GmbH, Berlin  
Phone +49 (30) 68 86-0  
E-Mail [info@msa-auer.de](mailto:info@msa-auer.de)

**Eastern Europe**  
MSA Safety Sp. z o.o., Warsaw  
Phone +48 (22) 711-50 33  
E-Mail [mee@msa-europe.com](mailto:mee@msa-europe.com)

**Southern Europe**  
MSA GALLET, Châtillon sur Chalaronne  
Phone +33 (474) 55 01 55  
E-Mail [message@msa-gallet.fr](mailto:message@msa-gallet.fr)

**International Sales**  
MSA EUROPE, Berlin  
Phone +49 (30) 68 86-555  
E-Mail [contact@msa-europe.com](mailto:contact@msa-europe.com)

**Great Britain**  
MSA (Britain) Limited, Bellshill  
Phone +44 (16 98) 57 33 57  
E-Mail [info@msabritain.co.uk](mailto:info@msabritain.co.uk)

