

Workplace design

Tornadohood - for Paint Shops

At the request of The Danish Maritime Occupational Health Service a standardised local extraction for use in Danish ships has been developed in the form of a Tornado Hood.

The Tornado Hood has been designed for paintshops, workshops or other rooms, where work involving the development of toxic vapours, is carried out.

The Hood, which has been presented to The Danish Maritime Authority, meets the requirements for local extraction on board Danish ships.

The Tornado Hood works with both injected air (pilot air) and extraction of air.

At the bottom of the Tornado Hood the pilot air is injected as a vertical airflow through nozzles near the rear edge of the hood. This airflow causes a vortex to form in the hood, extracting hazardous fumes, away from the operator's breathing zone.

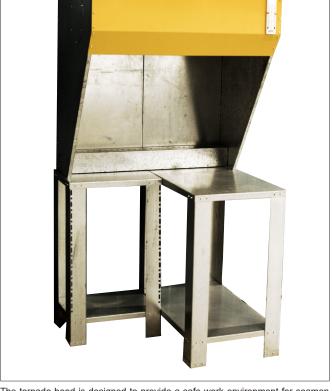
At the top of the Hood the air is extracted and it should be channelled out into the open.

In order to gain optimum effect and a healthy and ergonomically correct working position, a work- and mixing table has also been developed. One section is height adjustable. The table is sold as accessory for the Tornadohood.

Ordering table

Art. No.	Description
01-849	Tornadohood GT-600
01-900	Tornadohood GT-900
01-829	Tornadohood GT-1350

01-901 Mixing table GT-900



■ GEOVENT

The tornado hood is designed to provide a safe work environment for seamen working with mineral turpentine, acetone, paint thinner and other hazardous substances.

GT-600



GT-900



GT-1350





Tornadohood for Paint Shop

Tekniskedata GT-600 GT-900 GT-1350 Order no. 01-849 01-900 01-829 Width: 625 mm 925 mm 1375 mm Depth: 725 mm 725 mm 725 mm Kanal, udsugning: ø160 mm NP ø160 mm NP ø160 mm NP Duct, extraction ø80 mm NP ø80 mm NP ø80 mm NP Duct, pilot air LSX 146, 0.25 kW,3 x 440 VAC, 60 Hz, 0.81A, EEX-e T3 explosion-proof. MSX 200, 1.1 kW, MSX 180, 0.55kW, 3 x 440 VAC, 60 Hz, Extraction fan 3 x 440 VAC, 60 Hz, 1.3 A, EEX-e T3 explosion-proof. 2.6A, EEX-e T3 explosion-proof

78dB(A)

600-800 m³/h

Accessories:

the hood: 78db(A)

1 pcs. outletflange 180/ø160/200

Noise level for the twq fans and

Required volums of air extraction

78dB(A)

600-800 m³/h

1 pcs. flowsensor

1 pcs. U-pipe manometer 0-500 Pa

Fan to Tornadohood delivered as standard: 3x440V, 60Hz. Other options at request.

Mixing table: The table, is executed in hot galvanised steel plate with pre drilled holes for easy assembly.

78dB(A)

1300-1800 m³/h

The table is supplied unassembled.

One section of the table is height adjustable for maximum comfort.

Order No: 01-901.

Assembly

