

TORNADO HOOD

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 erection in paintshops, workshops or in 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.

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
Order No:	01-849	01-900	01-829
Width:	600 mm	900 mm	1350 mm
Depth:	700 mm	700 mm	700 mm
Duct, extraction:	ø160mm NP	ø160mm NP	ø160mm NP
Duct, pilot air	ø80mm NP	ø80mm NP	ø80mm NP

Pilot air Fan:
 GLSFG146, 0.25 kW,
 3 x 400 VAC, 50/60 Hz, 0.81 A,
 EEX-e T3 explosion-proof.

Extraction fan
 GMSFG 180, 0.55
 kW, 3 x 400 VAC, 50/60 Hz, 1.3 A,
 EEX-e T3 explosion-proof.

Noise level for the two fans
 and the hood: 78dB(A).

Mixing table: The table, is executed in hot galvanised steel plate with pre-drilled holes for easy assembly. The table is supplied unassembled. One section of the table is height adjustable for maximum comfort.

Order No: 01-901.

