

TU

Exhaust fan



Euroemme® TU chimney extraction fan range is designed to perform reliably under the strenuous conditions associated with the ventilation of closed livestock structures.

During cold and moderately warm periods a low rate of air extraction from livestock structures is required. Special emphasis needs to be placed on the variability of the ventilation rate and to avoid the creation of unnecessary drafts over the animals. Euroemme TU fan series is designed to meet these demands. Roof mounted fans offer the possibility of extracting stale air from the structure above the occupied zone of the animals, thereby positively avoiding any drafts near the animals.

An added benefit of installing roof mounted fans is to have a back-up ventilation system should there be a power failure. Should such an event occur the butterfly damper of the TU fan along with air inlets, can be opened under battery power, thereby creating a natural ventilation process which prevents suffocation of the animals.

Optimised technology: Added benefits

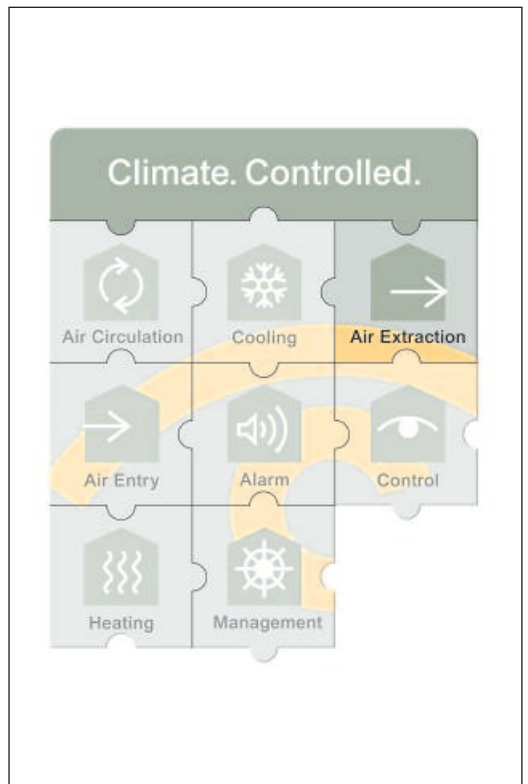
The aerodynamic performance of the TU fans have been optimised by experienced design engineers and all the performance data has been tested and verified by the Danish National Institute of Agricultural Engineers.

To obtain a smooth and durable surface finish, high quality polyethylene is used in the construction of the main body of the fan. Polyethylene is very resistant to climatic influences such extreme low temperatures and solar radiation, ensuring Euroemme TU fans will retain their function for many years. Euroemme TU fans are available in two colours, grey or black to suit individual needs.

PRODUCT INFORMATION

TU

- Bell mouth inlet and cone outlet ensure very high energy efficiency
- Designed to withstand climatic extremes and solar radiation
- All components made of highly corrosion resistant materials
- Insulated butterfly damper for tight seal when fan is not in use
- Aerodynamic design ensures a low noise level
- Patented “click system” allows for compact transport volumes and quick on-site assembly
- Made of recyclable polyethylene
- Numerous airflow rates and sizes available
- Available in black or grey
- Wide range of accessories
- Numerous installation configurations are possible



While polyethylene is very corrosion resistant, all other components of the TU fans are also made in corrosion resistant polymers or stainless steel, making the TU fans ideally suitable to be used in corrosive conditions.

A unique bell mouth inlet and cone shaped outlet form essential characteristics of the main body and ensure that the fans have a high airflow and yet are extremely energy efficient. An additional benefit is the low noise levels generated by the TU fans; which does not cause any annoyance to the animals or affect their normal behaviour.

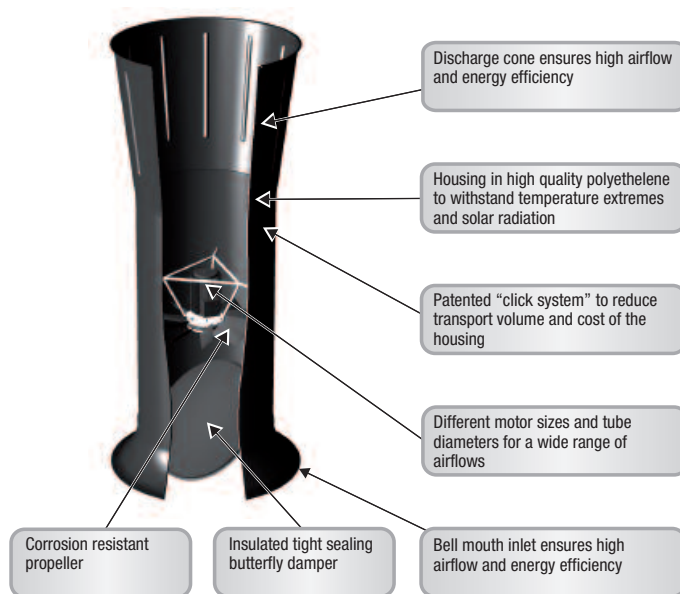
Transport of bulky products such as chimney fans can be costly. Thanks to the “click system” pipes of the fan housing are shipped as flat sheets. These can easily and quickly be assembled on site. Further reductions in transport costs are also achieved through nesting the cone outlets and bell inlets.

The TU fans are also extremely adaptable, where specific applications demand, they can also be installed in walls or used to extract air from structures through manure pits.

With many different motor and fan sizes Euroemme® TU fans range offer a large range of airflows to meet a great variety of needs.



Euroemme® TU fans installed through the roof of a structure.



TU Chimney fan is developed and produced by Munters Turbovent A/S, Denmark.



Munters, HumiCool Division, Kung Hans Väg 8, P.O. Box 434, SE-191 24 Sollentuna, Sweden. Phone +46 8 626 63 00, Fax +46 8 754 56 66.
Munters Italy S.p.A., Strada Piani 2, IT-18027 Chiusavecchia, Italy. Phone +39 0183 52 11, Fax +39 0183 521 333.
www.munters.com

Australia Munters Pty Limited, Phone +61 2 6025 6422, **Brazil** Munters Brasil Industria e Comercio Ltda, Phone +55 11 5054 0150,
Canada Munters Incorporated, Phone +1 905 858 5894, **China** Munters Air Treatment Equipment (Beijing) Co., Ltd., Phone +86 10 80 481 121,
Denmark Munters Turbovent, Phone +45 9862 3311, **Finland** Munters Oy, Phone +358 9 83 86 030, **France** Munters France S.A.,
Phone +33 1 34 11 57 50, **Germany** Munters Euroform GmbH, Phone +49 241 89 0 00, **India** Munters India, Phone +91 20 30522520,
Indonesia Munters Phone +62 21 9105 446-7, **Italy** Munters Italy S.p.A., **Chiusavecchia** Phone +39 0183-52 11, Munters Italy S.p.A.,
Mondovi Phone +39 0174 560 600 **Japan** Munters K.K., Phone +81 3 5970 0021, **Kingdom of Saudi Arabia and Middle East** Hawa Munters,
Phone +966 1 241 8808, **Korea** Munters Korea Co., Ltd, Phone +82 2 761 8701, **Mexico** Munters Mexico Phone +52 722 270 40 30, **Russia**
Munters Europe AB, Phone +7 812 4485740, **Singapore** Munters Pte Ltd +65 744 6828 **South Africa and Sub-Sahara Countries** Munters
(Pty) Ltd, Phone +27 11 971 9700, **Spain** Munters Spain S.A., Phone +34 91 640 09 02, **Sweden** Munters Europe AB, Phone +46 8 626 63 00,
Thailand Munters (Thailand) Co. Ltd., Phone +66 2 645 2708-12, **United Kingdom** Munters Ltd, Phone +44 845 644 3980, **USA** Munters
Corporation **Fort Myers** Phone +1 239 936 1555, Munters Corporation **Mason** Phone +1 888 335 0100, **Vietnam** Munters Vietnam
Phone +84 8 825 6838, **Export & Other countries** Munters Europe AB, Phone +46 8 626 63 00.

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