Euroemme MWI Tunnel Door

Modular tunnel inlet

MWI Tunnel Door is the professional solution for high-velocity airflow management in modern livestock structures, including poultry, swine, and dairy barns. The system ensures precise control over incoming air to optimize the tunnel ventilation effect.



Optimal tunnel ventilation
Maximizes cooling efficiency and significantly reduces animal heat stress during hot seasons

Modular design
Available in 3-fold (3 tiers) and 4-fold (4 tiers) configurations to match any farm's ventilation capacity

High-grade frame
Heavy-duty galvanized steel structure for connecting multiple UV-resistant rigid PVC inlets

Easy on-site assembly
Supplied unassembled to improve shipping efficiency with no welding required

The MWI Tunnel Door core relies on the field-tested reliability of MWI 4413 single inlet units, perfectly integrated within a heavy-duty galvanized steel frame engineered for multi-tier battery installations. This structural configuration guarantees exceptional rigidity and long-term corrosion resistance, providing the flexibility needed to fit any house layout.

Air distribution is optimized through aerodynamic curved flaps that smoothly guide the incoming stream upward. This design ensures thorough air mixing while preventing direct, stressful drafts on the livestock.

To preserve the building's insulation, the entire system is designed for a perfectly flush installation within sandwich panels, maintaining both structural and thermal integrity.

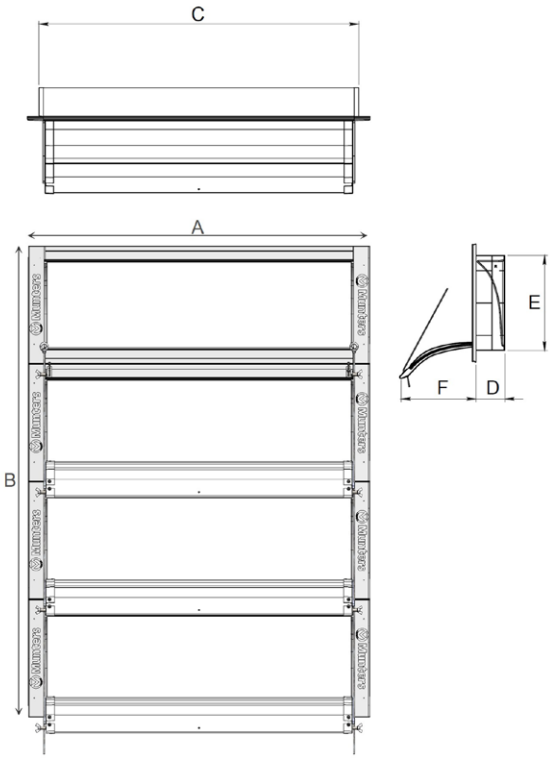
The mechanical drive system is built for long-lasting, heavy-duty operation, utilizing high-strength M8 threaded rods and top eye bolts to deliver perfectly synchronized and stable opening and closing sequences. When the system is deactivated, continuous rubber gaskets provide an airtight seal, eliminating unwanted air leakage and maximizing energy efficiency.

As the market leader in ventilation solutions for more than 60 years, GrainProteinTech Climate Control & Air Treatment guarantees quality and is ISO 9001 certified.

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Dimensions



	MWI TD 4413/3 Tri-fold (3 flaps)	MWI TD 4413/4 Quad-fold (4 flaps)
A	1,198 mm	1,198 mm
B	1,230 mm	1,640 mm
C	1,118 mm	1,118 mm
D	100 mm	100 mm
E	330 mm	330 mm
F	268 mm	268 mm

Technical specifications

		MWI TD 4413/3 Tri-fold	MWI TD 4413/4 Quad-fold
Airflow at 5 Pa	m^3/h	6,816	8,998
Airflow at 10 Pa	m^3/h	9,840	12,991
Airflow at 15 Pa	m^3/h	12,032	15,884
Airflow at 20 Pa	m^3/h	14,155	18,686
Pull force	N	135	180
Stroke way	mm	470	470

Load capacity

		MWI TD 4413/3 Tri-fold		MWI TD 4413/4 Quad-fold	
		MWI 4413	Tunnel Door kit	MWI 4413	Tunnel Door kit
Pieces per box	pcs	6	4	6	3
Ratio for orders	boxes	2	1	2	1
Box size	cm	112 x 38 x 37.5	23.5 x 164 x 19.5	112 x 38 x 37.5	23.5 x 164 x 19.5
Box weight	kg	44	37	44	37
Pallet size	cm	114 x 118 x 240	165 x 110 x 11	114 x 118 x 240	165 x 110 x 11
Boxes per pallet	boxes	15	20	15	20
40' HC container	pallets	20	14	20	14

Boxes to be ordered separately in a 2:1 ratio.

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