



# Munters Wall Inlet

## Air Inlets

In agriculture, ideal climate is essential as it impacts production and animal health. Controlled fresh air entry and air temperature according to the weight are the main factors in achieving the perfect climate.

### Features

- Optimal flow of fresh air in the house, avoiding drafts and cold air drops on livestock
- Modular design featuring a perfect match between the inlet size, house design and farmer's needs
- Recessed curved door in the wall, properly channels the airflow along the ceiling and avoids air escape sideways
- Packaging - unassembled 6 pcs. per box, optimizes shipping volume and lowers freight cost
- Quick, user-friendly assembly due to distinctive design, without added parts
- Hygienic-friendly due to the smart design and smooth surface finish
- Top quality durable PVC and PP materials, UV stabilized
- Air sealing gaskets at the top and sides to avoid air leakage in closed position
- Suitable for quick high pressure washing

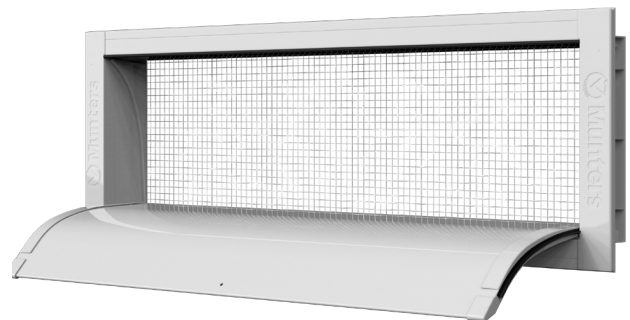
MWI has been engineered and designed to bring fresh air into the house without exposing the animals to cold air drafts. This is made possible thanks to its geometrical shape, that properly channels the incoming fresh air along the ceiling, to mix the air before it reaches the animals.

MWI is ideally designed for installations in the house walls. Highly flexible and versatile application, the inlet can be tailored to buildings of any size with two available width dimensions and 2 available heights.

The framing system and curved door are manufactured from a combination of UV resistant PVC and PP materials offering durability. It can be cleaned with a high pressure washer. For bio-security reasons, an integrated galvanized metal guard is provided, preventing unwanted entry into the house. By using MWI, every farmer will get closer towards achieving the perfect climate with the right balance between performance, efficiency and budget.



MWI front view



MWI side view

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### Technical specifications

PRODUCT DESCRIPTION		INLET SIZE*		AIRFLOW AT STATIC PRESSURE**					PULL FORCE		STROKE WAY	
Color		W x H		0.05"	0.10"	10 Pa	20 Pa	30 Pa				
White	Black	inch	cm	cfm		m <sup>3</sup> /h			lbs	N	inch	cm
MWI 4413 W	MWI 4413 B	44 x 13	112 x 33	2,348	3,308	3,597	5,026	6,155	9	40	18,5	47
MWI 4408 W	MWI 4408 B	44 x 8.25	112 x 21	1,499	2,089	2,277	3,158	3,867	4,5	20	11,5	29
MWI 4113 W	MWI 4113 B	41 x 13	104 x 33	2,244	3,080	3,316	4,716	5,721	6,8	30	18,5	47
MWI 4108 W	MWI 4108 B	41 x 8.25	104 x 21	1,446	2,012	2,175	3,084	3,724	4,5	20	11,5	29
MWI 3413 W	MWI 3413 B	34 x 13	86 x 33	1,838	2,513	2,742	3,830	4,671	4,5	20	18,5	47
MWI 3408 W	MWI 3408 B	34 x 8.25	86 x 21	1,194	1,640	1,770	2,491	3,082	4,5	20	11,5	29

\* Flange depth is 4 inch or 10 cm

\*\* Curved door fully open, without mesh

Note: rough wall opening should be 0.5 inch or 1.2 cm larger than the inlet size, e.g. rough wall opening for MWI 4413 B should be 44.5 x 13.5 sq.inch or 113 x 34.3 cm<sup>2</sup>

### Load capacity

PRODUCT	INLET QUANTITY PER				BOX				PALLET			
					Size W x D x H		Weight		Size W x D x H		Weight	
	Box	Pallet*	20' ctr.	40' HC ctr.	inch	cm	lbs	kg	inch	cm	lbs	kg
MWI 4413	6	108	900	2,160	43.3x14.8x14.8	110x37.7x37.5	97	44	44.1x45.3x94.5	112x115x240	1,764	800
MWI 4408	6	108	900	2,376	43.3x12.8x14.8	110x32.5x37.5	82	37	44.1x39.4x94.5	112x100x240	1,499	680
MWI 4113	6	108	900	2,160	43.3x14.8x14.8	110x37.7x37.5	90	41	44.1x45.3x94.5	112x115x240	1,653	750
MWI 4108	6	108	900	2,376	43.3x12.8x14.8	110x32.5x37.5	77	35	44.1x39.4x94.5	112x100x240	1,411	640
MWI 3413	6	108	900	2,160	43.3x14.8x14.8	110x37.7x37.5	79	36	44.1x45.3x94.5	112x115x240	1,455	660
MWI 3408	6	108	900	2,376	43.3x12.8x14.8	110x32.5x37.5	68	31	44.1x39.4x94.5	112x100x240	1,257	570

\* In a 20' ctr. fit 15 boxes/pallet, 5 layers, overall height 2.07 m

In a 40' HC ctr. fit 18 boxes/pallet, 6 layers, overall height 2.47 m

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