



Maxiflow

F A N S



**Economical & Energy-wise
For large scale agricultural
and industrial ventilation**

Maxiflow

F A N S

- Low noise levels
- Low capital cost, excellent value for money
- High energy efficiency, less than 100 Watts per kg of air moved
- Type Q fans deliver 16.4 cfm/Watt (27.9m³/hour/Watt),
as verified by the BESS Test Laboratory at the University of Illinois Department of Agricultural & Biological Engineering
- Rigorously tested for durability and reliability
- Spare parts readily available.

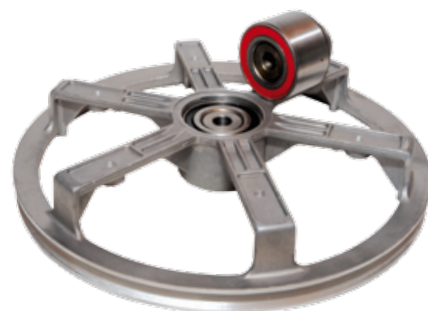
Housing

- Rigidly constructed of pre-galvanised sheet metal
- Fitted with rivnuts for easy installation
- Drain holes in base panel for ease of cleaning
- Mesh screen standard on suction side of fan
- Shutter-side security grid available as optional extra.



Impeller

- Dynamically balanced for smooth operation
- Heavy duty double row deep groove ball bearings with seals for excellent reliability
- Aluminium blades are corrosion resistant and are pressed for strength and rigidity
- Easy to replace – locating system machined to close tolerances for precise fitting during installation
- Self cleaning, low noise design.



Drive

- Cast iron induction motor with IP55 rating, Class F insulation, and sealed ball bearings
- The single groove "A" section drive belt is designed with a high factor of safety for long belt and pulley life
- Simple one-bolt belt tension adjustment.



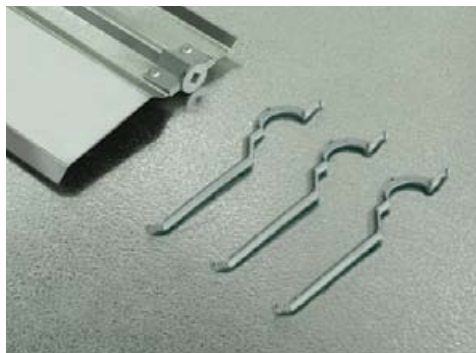
Easycool Evaporative Coolers

CelPad Wetwall Systems

Industrial Ventilation

Cooling Pads – all types & sizes





Automatic shutter opening mechanism

- Shutters are opened by an over-centre weight system when the fan is switched on, and held tightly closed when the fan is switched off
- Maintenance free nylon bearings ensure frictionless movement
- Ensures minimal resistance to airflow
- Fewer moving parts
- Vibration free
- Type Q fans have a centrifugal shutter opening system

Shutters

- Manufactured from pre-galvanised sheet metal
- Shutter blades incorporate a safety stiffening lip on the outer edge
- Shutter blades seat against plastic end seals to prevent ingress of rain and direct light.



Propeller & Axial Aerofoil Fans

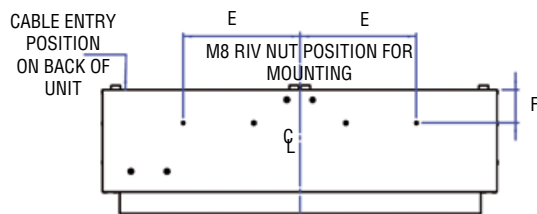


Roof Exhaust Fans

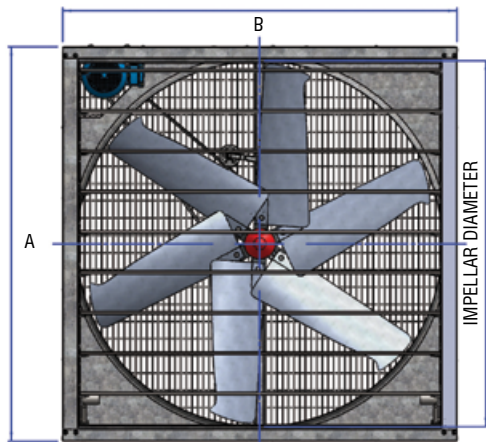


Dairy Farms

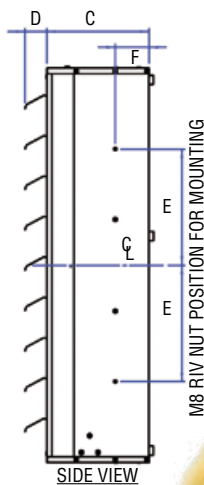




PLAN VIEW



ELEVATION VIEW
VIEWED FROM FRONT WITH BLADES OPEN



Model	Impeller ø	A mm	B mm	C mm	D mm	E mm	F mm	Mass kg	Motor kW	Motor Amps	Power supply	Noise Level*	Fan RPM	0	Airflow m³/s @ Pa	20	40	60	80	100
GFW-600-MSDS-0.55kW	600	750	750	400	52	-	-	31,2	0,55	1,75	3~/400V	74	1400	2,9	2,8	2,7	2,6	2,5	2,4	
GFW-750-MSDS-0.75kW	750	820	820	400	50	n/a	n/a	44	0.75	2.2	3~/400V	66	960	3.7	3.45	3.2	2.9	2.6	2.2	
GFW-750-MMDS-0.75kW	750	820	820	400	50	n/a	n/a	44	0.75	2.2	3~/400V	66	960							
GFW-760-MSBA-0.55kW	760	900	900	400	100	174	132	46	0.55	1.5	3~/400V	62	550	3.25	2.75	1.9	1	0.5	0.15	
GFW-760-MMBA-0.55kW	760	900	900	400	n/a	174	132	46	0.55	1.5	3~/400V	62	550							
GFW-1000-MSBA-0.75kW	1000	1100	1100	400	100	288	132	60	0.75	2.1	3~/400V	63	500	5.75	5	4	2.7	1.6	0.8	
GFW-1000-MMBA-0.75kW	1000	1100	1100	400	n/a	288	132	60	0.75	2.1	3~/400V	63	500							
GFW-1000-MSBA-0.75kW	1000	1100	1100	400	100	288	132	60	0.75	5.5	1~/230V	63	500	5.75	5	4	2.7	1.6	0.8	
GFW-1000-MMBA-0.75kW	1000	1100	1100	400	n/a	288	132	60	0.75	5.5	1~/230V	63	500							
GFW-1250-MSBA-0.75kW	1250	1380	1380	400	100	415	132	75	0.75	2.1	3~/400V	64	372	8.4	7.2	5.8	4	2.2		
GFW-1250-MMBA-0.75kW	1250	1380	1380	400	n/a	415	132	75	0.75	2.1	3~/400V	64	372							
GFW-1250-MSBA-0.75kW	1250	1380	1380	400	100	415	132	75	0.75	5.5	1~/230V	64	372	8.4	7.2	5.8	4	2.2		
GFW-1250-MMBA-0.75kW	1250	1380	1380	400	n/a	415	132	75	0.75	5.5	1~/230V	64	372							

Ultra High Efficiency Type Q Fan – 16.4cfm/Watt

GFQ-1250-MSBS-1.1kW	1270	1400	1400	450	53	Top & bottom 457.5	140	89	1.1	2.8	3~/400V	64	450	10.6	10.3	9.7	8.8	7.4	5.8
						Sides 415													
GFW-1250-MSBA-1.1kW	1250	1380	1380	400	100	415	132	75	1.1	2.9	3~/400V	65	416	9.4	8.3	7.1	5.6	4.2	2.4
GFW-1250-MMBA-1.1kW	1250	1380	1380	400	n/a	415	132	75	1.1	2.9	3~/400V	65	416						
GFW-1400-MSBA-1.5kW	1400	1540	1540	400	100	453	132	90	1.5	3.7	3~/400V	68	430	12	11	10	8.6	6.9	5.15
GFW-1400-MMBA-1.5kW	1400	1540	1540	400	n/a	453	132	90	1.5	3.7	3~/400V	68	430						

* dBA @ 7m (for comparison purposes only).

LEGEND:

GFW	Greenhouse fan - Type W	A / G / S	Impeller with blades ex aluminium /
750 / 760 / 1000 / 1400	Impeller diameter (mm)		Impeller with blades ex pre-galvanised sheetmetal / Impeller with blades ex stainless steel grade 430
MS / MM	MS = Fan includes shutters; MM = Fan supplied without shutters & with mesh screens both sides	0.55 / 0.75 / 1.1 / 1.5 kW	Motor power in kW
D / B	Direct drive / Belt drive	M / T	Single phase - 220V / Three phase 400V