

AIRFLOW. ENGINEERED.

PRODUCT RANGE

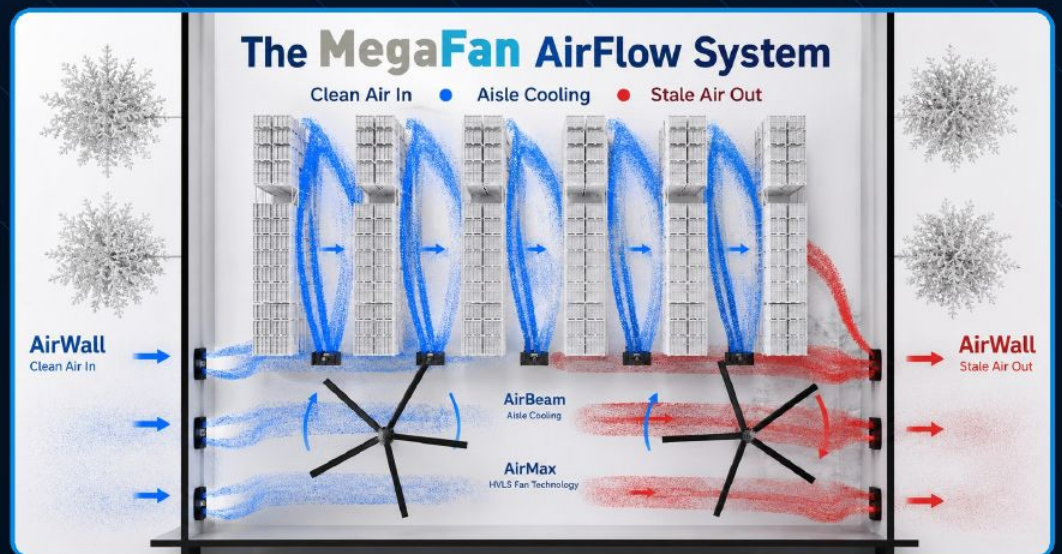
2026

INDUSTRIAL COOLING | DESTRATIFICATION | VENTILATION | SMART CONTROL

EUROPE'S ORIGINAL HVLS SPECIALISTS - ESTABLISHED 2005

THE COMPLETE AIRFLOW SYSTEM

- AirMax HVLS
- AirBeam Aisle Cooling
- AirWall Ventilation
- Smart Controls



AirMax

INDUSTRIAL HVLS FANS FOR LARGE VOLUME BUILDINGS

MAX AIRFLOW. MAX COVERAGE. MIN RUNNING COSTS.

AirMax is engineered specifically for very high / large buildings such as warehouses, factories, distribution centres and agricultural structures.

Its advanced aerofoil blade design delivers exceptional airflow for both cooling and destratification, improving comfort whilst reducing energy costs all year round.



**MOVE UP TO 498,611 m³/h
(293,500 CFM) OF AIR**
whilst consuming as little as 300 W
in destratification mode.

WHY CHOOSE AirMax?



**DESIGNED FOR
LARGE BUILDINGS**
Engineered for very high
ceilings and large open
floor areas.



**UP TO 7.3M
DIAMETER**
Four sizes available
to suit a wide range
of applications.



**UP TO
498,611 m³/h AIRFLOW**
Powerful airflow for
maximum cooling and
destratification.



IP65 RATED
Dust-tight and protected
against water ingress.
Built for industrial
environments.



**GEARLESS
PMSM MOTOR**
High-efficiency permanent
magnet motor for ultra
low energy consumption.



**ULTRA LOW
RUNNING COSTS**
~ 300 W destratification
~ 850 W full speed
cooling.



**POWDER COAT
ANY COLOUR**
Optional powder coat
to virtually any
RAL colour.



**LOW MAINTENANCE
& LONG LIFE**
No gearbox, no oil,
no routine gearbox
maintenance.

ENGINEERED FOR RELIABILITY

AirMax is built using premium materials and precision engineering to deliver long service life in the most demanding environments.

- ✓ Extruded aluminium EN AW-6063A T6 structural alloy blades with internal 50 x 20 x 3 mm steel reinforcement
- ✓ High-strength Grade 8.8 structural fasteners throughout
- ✓ Anodised blade finish to resist corrosion and wear
- ✓ Reinforced blade support brackets for even load distribution
- ✓ Double hub locking system for secure motor shaft retention
- ✓ Self-locking nuts and conical spring washers maintain clamping force
- ✓ FEM structural analysis of all major components and the entire fan system, including safe operation in reverse mode
- ✓ Dual safety cable and stabilising tie-rod system for maximum protection and stability

MAX COVERAGE

Each AirMax fan covers up to 6 times its diameter*, meaning fewer fans are required for any given space.

FAN DIAMETER (m)	APPROX. COVERAGE (m ²)	APPROX. COVERAGE (ft ²)
4.0 m	800 m ²	8,611 ft ²
5.0 m	1,250 m ²	13,455 ft ²
6.0 m	1,800 m ²	19,375 ft ²
7.3 m	2,325 m ²	25,027 ft ²



UP TO 6 x DIAMETER*

**SUITABLE FOR INSTALLATION HEIGHTS
FROM 5 m UP TO 24 m***

* Depending on installed height and building layout.

TYPICAL RUNNING COSTS

Exceptionally low energy consumption compared with conventional high-speed fans.



**WINTER
DESTRATIFICATION**
~300 W



**SUMMER
COOLING**
~850 W

**1 AIRMAX FAN
(7.3m)**



**15-20
TRADITIONAL
PEDESTAL FANS**



Significantly lower energy usage, lower running costs and fewer fans to purchase, install and maintain.

INTELLIGENT CONTROL OPTIONS

AirMax integrates seamlessly with the MegaFan controller range to provide the right level of control for every application.

BASIC CONTROLLER (ANALOGUE CONTROL)



CONTROLLER 6 (RS-485 MODBUS)



SMART HVLS CONTROLLER (FULL BMS INTEGRATION)



OPTIONAL EXTRAS



Powder coat to
any RAL colour



Extended
downrods



Beam mounting
kits



Angled roof
brackets



Controller
options



Humidity &
temperature
sensors

TECHNICAL SPECIFICATIONS

MODEL	DIAMETER (m)	MAX SPEED (rpm)	MAX AIRFLOW (m ³ /h)	MAX AIRFLOW (m ³ /h)	MAX CURRENT (A)	VOLTAGE (VAC)	SOUND LEVEL (dB(A))	WEIGHT (kg)
AIRMAX 400	4.0	95	0.77	148,266	1.85	200-480V 3Ph 50/60Hz	54	102
AIRMAX 500	5.0	80	0.77	230,394	2.00	200-480V 3Ph 50/60Hz	53	119
AIRMAX 600	6.0	60	0.77	334,878	2.20	200-480V 3Ph 50/60Hz	52	134
AIRMAX 730	7.3	50	0.77	498,611	2.90	200-480V 3Ph 50/60Hz	54	142

TYPICAL APPLICATIONS



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AirSlim

INDUSTRIAL HVLS FANS FOR MEDIUM HEIGHT BUILDINGS

LOW RUNNING COSTS. HIGH COMFORT. EXCEPTIONAL VALUE.

AirSlim has been engineered specifically for buildings where the installation height is typically up to 8 metres.

Combining an ultra-efficient EC motor with lightweight aluminium aerofoil blades, AirSlim delivers powerful air movement, destratification and occupant comfort whilst offering exceptional value for money.

Its compact design, low weight and simple installation make it an ideal solution for a wide range of commercial and industrial environments.



**MOVE UP TO 103,531 m³/h
(60,935 CFM) OF AIR**

Whilst consuming as little as 275 W, AirSlim provides economical year-round cooling and winter heat destratification.

SUITED TO
BUILDING HEIGHTS
UP TO
8m

WHY CHOOSE AirSlim?



**DESIGNED FOR
BUILDINGS UP TO
8 METRES**

Ideal for medium
height spaces.



**ULTRA-LIGHTWEIGHT
CONSTRUCTION**

Easy to handle,
install and
maintain.



POWERFUL AIRFLOW

Up to 103,531 m³/h
of high volume
air movement.



**ULTRA-EFFICIENT
EC MOTOR**

Brushless EC motor
with neodymium
magnets.



**230 VAC
SINGLE PHASE**

Powered via dedicated
MegaFan controller
(230 VAC).



**IPX5
PROTECTION**

Designed to perform
in demanding
environments.



**QUIET
OPERATION**

Low noise design
<45 dBA.



**BUDGET FRIENDLY
OWNERSHIP**

Low running costs
and exceptional
value.

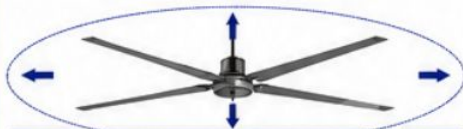
ENGINEERED FOR RELIABILITY

- ✓ Brushless EC motor with neodymium magnets
- ✓ Premium aluminium aerofoil blades
- ✓ Ultra-lightweight construction
- ✓ IPX5 environmental protection
- ✓ Low vibration design
- ✓ Extremely quiet operation (<45 dBA)
- ✓ Suitable for continuous commercial operation
- ✓ Optional extension rods and blade colours

AIRFLOW & COVERAGE

AirSlim delivers high volume airflow and wide coverage for buildings up to 8 metres in height.

MODEL	DIAMETER (m)	AIRFLOW* (m ³ /h)	AIRFLOW* (CFM)	COVERAGE** (m ²)
AIRSLIM 300	3.0	49,730	29,249	232
AIRSLIM 350	3.6	75,665	44,497	353
AIRSLIM 400	4.3	103,531	60,935	483



COVERAGE = 4 × DIAMETER

* Maximum airflow

** Coverage area (at floor level)

TYPICAL POWER CONSUMPTION

AirSlim is engineered for energy efficiency, delivering powerful performance with minimal running costs.



≈275 W
TYPICAL POWER
CONSUMPTION

Compared with multiple
conventional high-speed
circulation fans.



CONTROLLER (SUPPLIED)

AirSlim is supplied complete with a dedicated wall mounted controller for simple and reliable operation.



Start / Stop

Speed Up
(Increase airflow)

Slow Down
(Decrease airflow)

230 VAC Single Phase
via dedicated controller

TECHNICAL SPECIFICATIONS

MODEL	DIAMETER (m)	MAX SPEED (rpm)	AIRFLOW* (m ³ /h)	AIRFLOW* (CFM)	POWER (W)	VOLTAGE (VAC)	SOUND LEVEL (dBA)	WEIGHT (kg)	PROTECTION DEGREE	MAX HEIGHT (m)
AIRSLIM 300	3.0	112	49,730	29,249	275	230 VAC 50/60 Hz	<45	32	IPX5	Up to 8
AIRSLIM 350	3.6	100	75,665	44,497	275	230 VAC 50/60 Hz	<45	35	IPX5	Up to 8
AIRSLIM 400	4.3	78	103,531	60,935	275	230 VAC 50/60 Hz	<45	38	IPX5	Up to 8

Operating temperature: -10°C to +50°C without derating

* Maximum airflow

IDEAL APPLICATIONS



AirWall

INDUSTRIAL WALL VENTILATION FANS

FOR INDUSTRIAL VENTILATION, COOLING & AIR EXTRACTION

HIGH AIRFLOW. LOW ENERGY. RELIABLE VENTILATION.

AirWall is a high performance industrial wall fan designed for ventilation, cooling and air extraction in commercial, industrial and agricultural buildings. Featuring an EC brushless motor, powered louvers and a robust galvanised steel construction, AirWall delivers powerful airflow with low energy consumption and maintenance-free operation.



WHY CHOOSE AirWall?



WAREHOUSE VENTILATION

Ideal for industrial and commercial environments.



EC BRUSHLESS MOTOR

High efficiency permanent magnet motor technology.



UP TO 47,700 m³/h AIRFLOW

Powerful airflow for maximum ventilation and cooling.



IP65 MOTOR

Dust-tight and protected against water ingress.



VARIABLE SPEED

Fully variable speed control for any application.



LOW RUNNING COSTS

High efficiency means lower energy usage.



QUIET OPERATION

Direct drive design ensures smooth and quiet running.



LOW MAINTENANCE

Maintenance free operation for maximum uptime.

ENGINEERED FOR RELIABILITY

AirWall is engineered and built for long service life in demanding industrial environments.

- ✓ Heavy-duty galvanised steel construction
- ✓ High-efficiency EC brushless permanent magnet motor
- ✓ Direct drive – no belts or pulleys
- ✓ Maintenance-free operation
- ✓ IP65 protection for motor
- ✓ Suitable for continuous S1 duty
- ✓ Variable speed for optimum performance
- ✓ Factory assembled and tested for reliability

PERFORMANCE

Fan Diameter	1170 mm
Maximum Airflow	47,706 m³/h
Motor Power	1.04 kW
Maximum Speed	475 rpm
Maximum Thrust	98 N
Supply Voltage	200–480 Vac 3ph 50/60 Hz
Full Load Current	2.90 A
Weight	50 kg
Protection Rating	IP65
Duty	S1 (Continuous)
Max Operating Temp.	+50°C

POWERED LOUVRES

AirWall is supplied with powered louvers as standard to prevent backdraught and automatically open when the fan is in operation.



- Smart automatic operation
- Improved energy efficiency
- Protection from the elements

Automatically controlled via Smart HVLS Controller

Powered louvers require 230VAC single phase supply for louver motor.

INTELLIGENT CONTROL OPTIONS

AirWall integrates seamlessly with the MegaFan controller range to provide the right level of control for every application.

BASIC CONTROLLER (ANALOGUE CONTROL)



CONTROLLER & (RS-485 MODBUS)



SMART HVLS CONTROLLER (FULL BMS INTEGRATION)



TYPICAL APPLICATIONS



WAREHOUSES



DISTRIBUTION CENTRES



MANUFACTURING



LOGISTICS



AGRICULTURAL BUILDINGS



AIRCRAFT HANGARS



SPORTS FACILITIES



FOOD PROCESSING



VEHICLE WORKSHOPS

TECHNICAL SPECIFICATIONS

MODEL	FAN DIAMETER (mm)	MAX AIRFLOW (m³/h)	MOTOR POWER (kW)	VOLTAGE (Vac)	CURRENT (A)	MAX SPEED (rpm)	MAX THRUST (N)	WEIGHT (kg)	IP RATING	DUTY	MAX OPERATING TEMPERATURE
AirWall	1170	47,706	1.04	200–480 3ph 50/60Hz	2.90	475	98	50	IP65	S1 (Continuous)	+50°C

Performance data @400V Vac, 50 Hz



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AirBeam

INDUSTRIAL AISLE COOLING FAN

FOCUSED COOLING FOR WAREHOUSE AISLES, PICKING AREAS & WORKSTATIONS

DELIVERING HIGH VELOCITY COOLING AIR EXACTLY WHERE YOUR WORKFORCE NEEDS IT.

AirBeam is a high-performance EC axial fan designed to deliver concentrated cooling airflow directly along warehouse aisles, production lines and occupied working areas.

Unlike conventional wall ventilation systems that simply exchange air, AirBeam projects a high-velocity column of air over long distances, improving operator comfort, reducing heat stress and increasing productivity whilst using very little energy.

Automatically controlled using the MegaFan Smart Controller



WHY CHOOSE AirBeam?

							
FOCUSED AISLE COOLING	EC BRUSHLESS MOTOR	UP TO 47,700 m³/hr AIRFLOW	LONG THROW AIR BEAM	VARIABLE SPEED	LOW RUNNING COSTS	QUIET OPERATION	MAINTENANCE FREE
Direct high velocity airflow exactly where operators are working.	Permanent magnet EC technology for maximum efficiency.	Massive airflow with low running costs.	Effective airflow projection up to 27 metres.	Precise airflow adjustment for every application.	High efficiency motor reduces energy consumption.	Gearless direct drive EC motor.	No belts. No pulleys. Minimal servicing.

ENGINEERED FOR RELIABILITY

- ✓ Heavy-duty galvanised steel construction
- ✓ High efficiency EC permanent magnet motor
- ✓ Adjustable aerofoil impeller
- ✓ IP65 motor protection
- ✓ Direct drive
- ✓ Variable speed operation
- ✓ Suitable for continuous S1 duty
- ✓ Factory balanced impeller
- ✓ Designed for industrial environments

PERFORMANCE

Fan Diameter	1170 mm
Maximum Airflow	47,706 m³/hr
Motor Power	1.04 kW
Maximum Speed	475 rpm
Maximum Thrust	98 N
Supply Voltage	200–480 Vac 3ph 50/60 Hz
Current	2.90 A
Weight	50 kg
IP Rating	IP65
Duty	S1 Continuous
Max Ambient	+50°C

AIR BEAM TECHNOLOGY

AirBeam creates a concentrated column of high velocity air, delivering cooling precisely where operators are working.



- ✓ Improved operator comfort
- ✓ Even warm air distribution
- ✓ Reduced heat stress
- ✓ Prevents cold spots
- ✓ Increased productivity
- ✓ Improved energy efficiency

INTELLIGENT CONTROL OPTIONS

AirBeam integrates seamlessly with the MegaFan controller range to provide the right level of control for every application.



TYPICAL APPLICATIONS



TECHNICAL SPECIFICATIONS

MODEL	FAN DIAMETER (mm)	MAX AIRFLOW (m³/hr)	MOTOR POWER (kW)	VOLTAGE (Vac)	CURRENT (A)	MAX SPEED (rpm)	MAX THRUST (N)	WEIGHT (kg)	IP RATING	DUTY	MAX AMBIENT TEMPERATURE
AirBeam 1170	1170	47,706	1.04	200–480 3ph 50/60Hz	2.90	475	98	50	IP65	S1 (Continuous)	+50°C

Performance data @400V Vac, 50 Hz



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AirBreeze

MOBILE OR WALL-MOUNTED INDUSTRIAL FAN

POWERFUL. PORTABLE. PURPOSE-BUILT.

AirBreeze is a 1M directional industrial fan designed for high-velocity airflow in compact work zones and warehouse aisles. Built for performance and flexibility, it can be used as a mobile fan with lockable wheels or permanently wall-mounted to suit your space.

KEY FEATURES



FULLY ENCLOSED PROTECTIVE GRILLE

Prevents foreign objects from being drawn in for safe operation.



VARIABLE SPEED CONTROL

Adjust airflow output to suit the specific needs of your space.



MOBILE & WALL-MOUNT CONFIGURATION

Use as a mobile fan with lockable swivel wheels or permanently wall-mounted for fixed installation.



INDUSTRIAL-GRADE CONSTRUCTION

Built tough for demanding industrial environments and long service life.



LOW POWER CONSUMPTION

Powerful performance with energy-efficient air circulation.

TARGETED AIRFLOW FOR INDUSTRIAL WORK ZONES

- ✓ Targeted airflow in aisles
- ✓ Airflow support for staging areas
- ✓ Directional airflow for production environments where flexibility and control are required

HIGH-VELOCITY AIRFLOW FOR ZONES HVLS CANNOT REACH

AirBreeze delivers targeted, high-velocity airflow for spot cooling, supplemental ventilation, and flexible deployment in warehouse and industrial environments.

Ideal for areas where concentrated airflow is required:

- Pick tunnels
- Under mezzanines
- Dock doors
- Work cells and production zones
- Temporary staging areas



VARIABLE SPEED CONTROL

AirBreeze features variable speed control, allowing operators to adjust airflow output according to the specific needs of aisles, staging areas, dock doors and production zones.

- Adjustable airflow for different working areas
- Suitable for localized cooling and directional ventilation
- Easy airflow control for mobile or wall-mounted installation
- Supports flexible use in compact industrial spaces



110 VAC *



A transformer will be required (not included with the product).

ENGINEERED FOR RELIABILITY

- ✓ Direct drive – no belts or pulleys
- ✓ Maintenance-free operation
- ✓ IP55 protection for motor
- ✓ Suitable for continuous S1 duty
- ✓ Variable speed for optimum performance
- ✓ Factory assembled and tested for reliability

CONFIGURATION OPTIONS



MOBILE
(LOCKABLE SWIVEL CASTERS)



WALL-MOUNTED
(PERMANENT INSTALLATION WITH BRACKET)

TECHNICAL SPECIFICATIONS

MODEL	FAN DIAMETER (mm)	OVERALL WIDTH (mm)	MOTOR POWER (W)	VOLTAGE (VAC)	AMPS (A)	MAX SPEED (rpm)	WEIGHT (kg)	IP RATING	DUTY	MAX OPERATING TEMPERATURE
AirBreeze	915	1,000	400	110 VAC *	3.3	900	16.8	IP55	S1 (Continuous)	+50°C

* A transformer will be required (not included with the product).



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AirGo

LARGE MOBILE DIRECTIONAL COOLING FAN

POWERFUL. MOBILE. PURPOSE-BUILT.

AirGo is a high-performance large mobile directional cooling fan designed to deliver powerful airflow across large indoor spaces. Built for mobility, reliability, and efficiency, it is the ideal solution for industrial and commercial environments where ventilation and comfort matter.



KEY FEATURES



FULLY ENCLOSED PROTECTIVE GRILLE

Prevents foreign objects from being drawn in for safe operation.



VARIABLE SPEED CONTROL

Adjust airflow output to suit the specific needs of your space.



MOBILE CONFIGURATION

Four lockable swivel casters for easy indoor mobility and flexible positioning.



INDUSTRIAL-GRADE CONSTRUCTION

Built tough for demanding industrial environments and long service life.



LOW POWER CONSUMPTION

Powerful performance with energy-efficient air circulation.

TARGETED AIRFLOW FOR INDUSTRIAL WORK ZONES

- ✓ Targeted airflow in aisles
- ✓ Airflow support for staging areas
- ✓ Directional airflow for production environments where flexibility and control are required

HIGH-VELOCITY AIRFLOW FOR ZONES HVLS CANNOT REACH

AirGo delivers targeted, high-velocity airflow for spot cooling, supplemental ventilation, and flexible deployment in warehouse and industrial environments.

Ideal for areas where concentrated airflow is required:

- Pick tunnels
- Under mezzanines
- Dock doors
- Work cells and production zones
- Temporary staging areas



VARIABLE SPEED CONTROL

AirGo features variable speed control, allowing operators to adjust airflow output according to the specific needs of aisles, staging areas, dock doors and production zones.

- Adjustable airflow for different working areas
- Suitable for localized cooling and directional ventilation
- Easy airflow control for mobile installation
- Supports flexible use in compact industrial spaces



110 VAC *



A transformer will be required (not included with the product).

ENGINEERED FOR RELIABILITY

- ✓ Direct drive – no belts or pulleys
- ✓ Maintenance-free operation
- ✓ IP55 protection for motor
- ✓ Suitable for continuous S1 duty
- ✓ Variable speed for optimum performance
- ✓ Factory assembled and tested for reliability



TECHNICAL SPECIFICATIONS

MODEL	FAN DIAMETER (mm)	OVERALL WIDTH (mm)	MOTOR POWER (W)	VOLTAGE (VAC)	AMPS (A)	NOISE (dB @ 5m)	MAX SPEED (rpm)	AIRFLOW DISTANCE (m)	DUTY	IP RATING	MAX OPERATING TEMPERATURE
AirGo	1500	1850	600	110 VAC *	3.95	65	440	18.0	S1 (Continuous)	IP55	+50°C

* A transformer will be required (not included with the product).



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SMART HVLS CONTROLLER

Intelligent Automation for MegaFan HVLS Systems

Designed for AirMax, AirWall and AirBeam fan models, the Smart HVLS Controller delivers automatic temperature management, occupancy scheduling and seamless integration with your building systems.



- Automatic Summer Cooling**
Maintains comfort while reducing energy costs.
- Automatic Winter Destratification**
Returns warm air to floor level to reduce heating costs.
- Intuitive Touchscreen Interface**
Clear, simple operation and configuration.
- Up to 20 HVLS Fans**
Control and monitor up to 20 MegaFan HVLS fans.
- Occupancy Scheduling**
Weekly timers and energy optimisation.
- Modbus RTU Communications**
Easy integration with BMS and building systems.
- PC Screen Mirroring (Optional)**
View and operate the controller interface on any PC via Ethernet.
- Dedicated Fire Alarm Link**
Stops all fans in the event of fire via dedicated input.
- Alarm & Service Monitoring**
Fault reporting and annual service reminder.

- 230VAC POWER SUPPLY REQUIRED**
- TWO TEMPERATURE SENSORS (High & Low Level)**
- PC SCREEN MIRRORING VIA ETHERNET (OPTIONAL)**
- DEDICATED FIRE ALARM LINK (FAN SHUTDOWN)**

COMPATIBLE WITH MEGAFAN MODELS

AIRMAX	AIRWALL	AIRBEAM
HVLS Fans High Volume Low Speed Fans	Clean Air Infeed / Stale Air Extract Fans Introduce clean air / Extract stale air	Long Range Aisle Cooling Fans Deliver powerful, focused air to long distances

Fully compatible with MegaFan AirMax, AirWall and AirBeam fan models.

SYSTEM OVERVIEW	KEY FEATURES
	7" Industrial Colour Touchscreen
	Automatic Temperature Control (Summer & Winter)
	Up to 20 HVLS Fans
	Two Temperature Sensors (High & Low Level)
	Occupancy Scheduling / Weekly Timer
	Modbus RTU Communications
	PC Screen Mirroring via Ethernet (Optional)
	Dedicated Fire Alarm Link
	Password Protected Access
	Annual Service Reminder
	Wall Mounted Industrial Enclosure