

AireGard®
Life. Refreshed.



W75

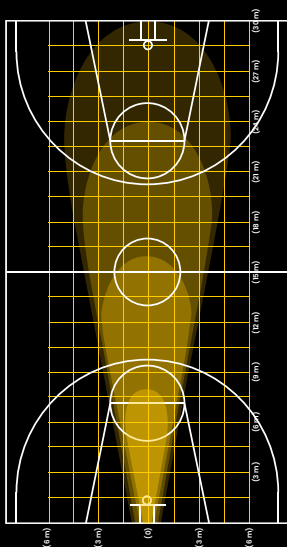
STORM 
SERIES

A DYNAMIC FORCE THAT GOES THE DISTANCE.

STORM SERIES W75

COVERAGE AREA

* wind speed ≥ 1.0 m/s



*Take the basketball court as a comparison reference
Measured air supply distance >30m!



A DYNAMIC FORCE THAT GOES THE DISTANCE.

W75 fan is an energy-saving, wall mounted fan with a diameter of 2 meter and wind delivery distance of more than 30 meters, which can even cover an entire basketball court. It uses a high-efficiency PMSM motor and suitable for various environments such as industry, commerce, and animal husbandry, perfectly solving the problem of warehouse air circulation or keeping livestock cool.



TECHNICAL INFORMATION

Model		W75
Dimensions (WxHxD)	mm	1,980 x 1881 x 374
Air Volume	m³/min	1,208
Max Speed	RPM	320
Weight	kg	136
Power	Kw	0.55
Full Load	A	2.7
Current	V	220
Noise Level	dBA	<43.0
Protection level	V	IP54

FEATURES



Variable Speed Control

Equipped with 6 speed control, allowing users to adjust the airflow intensity according to their personal preferences and comfort levels.



Maintenance free

No gearbox, no exposed transmission parts, PMSM motor technology eliminates the need for regular maintenance, such as lubrication and gear adjustments, making the fans more reliable and cost-effective in the long run.



Energy-saving

With a total power of only 0.55 kW, the Airfree fan operates with minimal energy consumption, resulting in cost savings.



Fan Blade

Made of high-strength aerospace magnesium-aluminum alloy (6063-T6). The surface of the fan blade adopts electrostatic spraying process, which is corrosion-resistant. Airfree fan's unique blade design, with its solid curves end, greatly improves air generation performance. The waling guarantees safe and stable operation by reducing blade vibration.



Quality Stability & Ultra-Quiet

The fully enclosed PMSM motor perfectly solves the problem of motor gear friction, reducing the noise level to below 43dB and making it very quiet. NdFeB Rare-Earth magnets, copper wire 99.99% purity grade. Airfree fan's external rotor motor provides high torque for high airflow and coverage.



Waterproof and Dust-proof

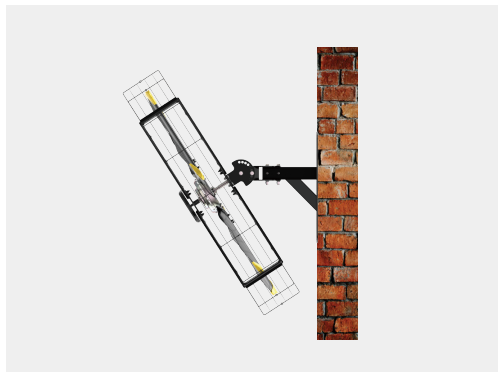
W75 fan is waterproof and dustproof that can operate normally in rainy and humid environments.

INSTALLATION

- Optional wall column installation
- The direction of the air supply can be adjusted according to the needs of the site environment.



Ceiling-mounted



Wall-mounted

APPLICATIONS



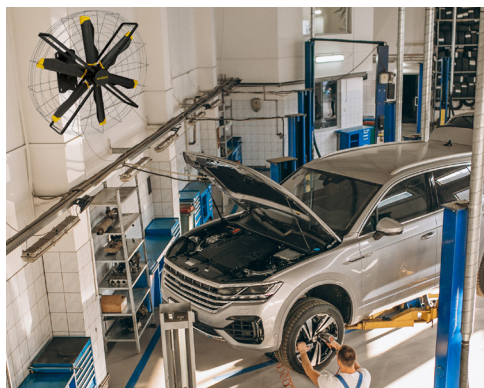
Entertainment



Sport Industry



Factory



Commercial

CONTROL SYSTEM

AireGard Standard Controller



- IP 54 Water-proof & Dust-proof
- Self-design by AireGard Fans, especially designed for HVLS Controller
- Terminals for BMS/Fire Alarm

Local Centralized Control Solution

• Overview

Multi-device control: Remote control and monitoring of multiple devices.

• RUN/STOP Status and Operation Speed Adjustment of Fans can be Controlled with the following function:

Timing Function (Daily/Weekly)

Countdown

Temperature control

Constraint:

Up to 30 units

Distance between master controller and sub-controller should <2km

Signal can pass through up to 2 solid walls

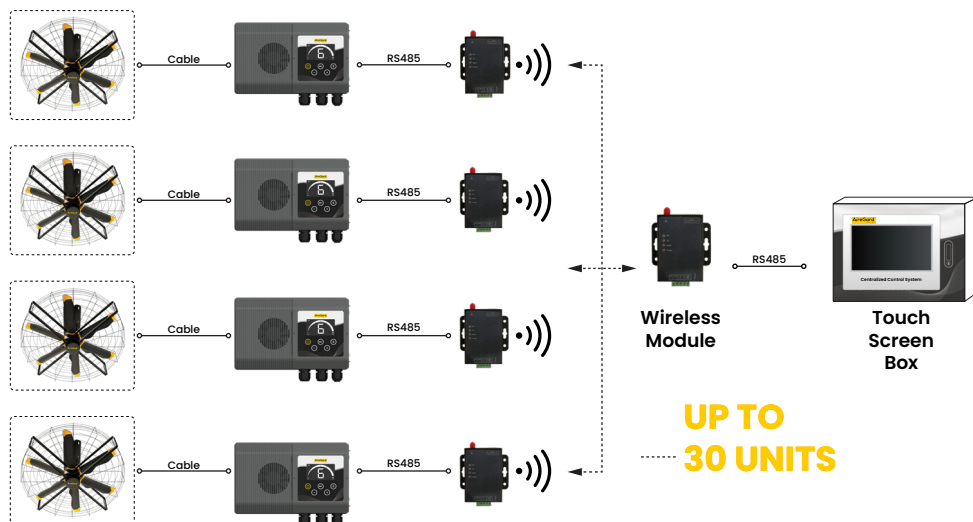


Master Controller



Sub-Controller

Control System Diagram







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