

# WF540

54 cm

*Water Powered Fan*

RAMFAN'S water powered design is intrinsically safe because it eliminates the threat of electrical shock and minimizes dangerous gas environments.

Equipped with the Axial Flow Turbine Technology that leads the way in converting water power into high velocity airflow more efficiently than any water fan on the market today.

The axial turbine is built of corrosion-proof composite materials for long life, simple maintenance and easy replacement of parts.

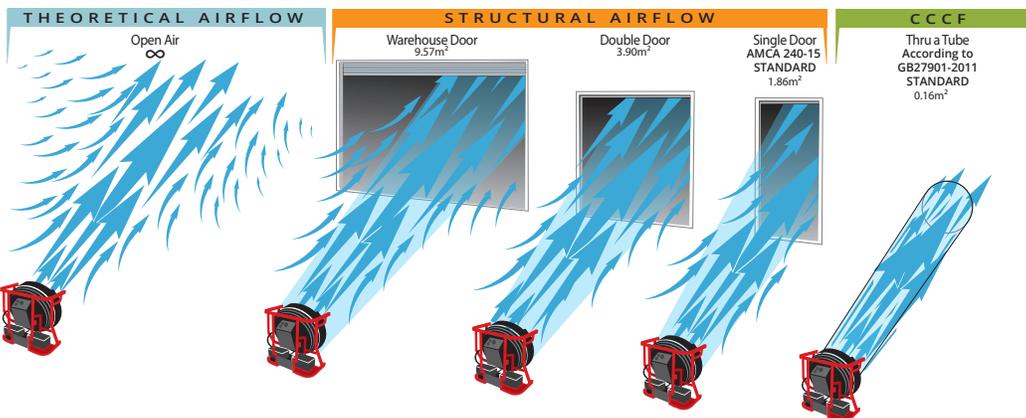
## Specifications

<b>Model</b>	WF540
<b>Part#</b>	WB5010
<b>Weight</b>	34 kg
<b>Impeller</b>	7-Blade
<b>Dimensions (h/w/d)</b>	65 x 63 x 53 cm
<b>Pressure Normal:</b>	150psi / 1.0MPa
<b>Max:</b>	250psi / 1.7MPa
<b>Approval</b>	CE
<b>Safety</b>	NF EN ISO 12100/2011 ESN ISO 13857/2008
<b>Airflow</b>	
<b>Open Airflow</b>	57,231 m <sup>3</sup> /hr @ 1.0MPa
<b>PPV Airflow according to AMCA</b>	38,154 m <sup>3</sup> /hr @ 1.0MPa



## Airflow Comparisons

### Air Included Per Measurement Method



During the ventilation process, airflow from the fan will create large amounts of entrained air. Entrained air is the natural effect from the high velocity airflow creating friction with the air next to it, thereby pulling the air into the flow path. While measuring airflow, entrained air that goes through the opening must be included in the airflow calculation to reflect realistic ventilation obtained by the fan.

## Available Accessory



**Integrated Misting System**  
7 l/min @ 6.9 bar  
Order # WD8111

Water connections options:  
DSP 50 Connection  
and more available upon request.  
Call for details.