

MY AIR PROTECTOR RM500  
**ROOMMAP**  
 Technical Datasheet



<b>UV-C-Performance</b>	Wavelength	253,7 nm
	Usable life (Nom)	9.000 h
	UV-C- Radiation at 100 hrs.	75 W
	Radiation decrease with useful life	15%
<b>Particle filter</b>	Coarse particle filter *	
	Fine particle filter **	
<b>Air performance</b> <i>Accuracy Volume flow ± 10%</i> <i>Accuracy Noise emission ± 2 dB(A)</i>	Fan volume flow <sub>max</sub>	565 m <sup>3</sup> /h
	Volume flow <sub>effective</sub>	100 - 400 m <sup>3</sup> /h
	Noise emission ***	38 - 57 dB(A)
<b>Electrical connection</b>	Voltage <sub>U<sub>N</sub></sub>	220 – 240 V 50/60 Hz
	Power input	130 to 280 W
	Current <sub>L<sub>max</sub></sub>	1,2 A
	Power cable	2 m
<b>Dimensions / Weight</b>	Weight	17 kg
	Housing covers	250 x 250 x 1300
		<small>L x W x H in mm, without stand / wall mount</small>
<b>Variants</b>	Stand / Wall mount	

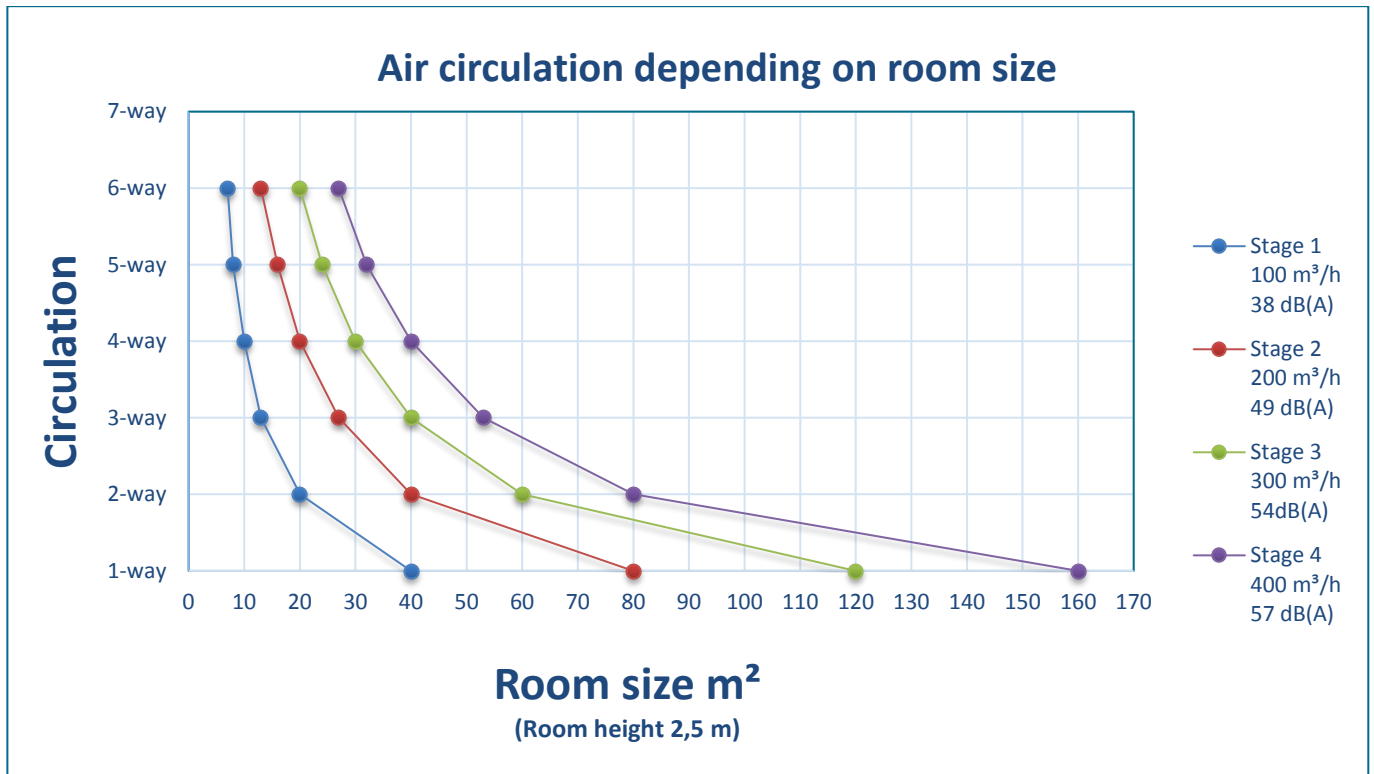
\* Filter class: ISO 16890 (COARSE 40%) (Similar old standard EN 779 Filter class G2)

\*\* Filter class: ISO 16890 (COARSE 80%) (Similar old standard EN 779 Filter class G4)

\*\*\* Sound pressure level at 1 m distance according to DIN EN ISO 11203, Base noise level von 30 dB (A)

## Guide values for room size and air circulation

Room sizes	Level 1	Level 2	Level 3	Level 4
	40 m <sup>2</sup>	80 m <sup>2</sup>	120 m <sup>2</sup>	160 m <sup>2</sup>



Interpretation for different circulation rates related to the maximum room area.