



Specifications Sigrow BV Air Pro 2020 Wageningen, The Netherlands



The Netherlands





Air+/Air Pro +	
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Lead time	<1 week from purchase date for up to 30 devices	3 weeks from purchase for up to 30 devices		
Maximum radio range	1000 meters			
Battery life	+6 months on 2xAA batteries	+3 years		
Enclosure rating	IP64			



Air temperature	0.3°C†	0.01	°C	Sensirion SHT21(§)	
[†] Maximum temperature error due to sun irradiation without ventilation	0.75°C @ 100 umol/m2/s 2.5°C @ 400 umol/m2/s				
Air Humidity	3%@ RH<80% 4% @ 80% <rh<90% 5% @ 90%<rh<100%< th=""><th>0.01</th><th>%</th><th>Sensirion SHT21(§)</th><th></th></rh<100%<></rh<90% 	0.01	%	Sensirion SHT21(§)	

CO2 (only Pro series)

Calibration period recommended

30 ppm*

ppm

Sunrise

PAR: 12 months Air temperature / Humidity: 24 months CO2: 12 months months

(§) Higher accuracy Relative Humidity. For Het Nieuwe Telen (HNT) / Plant empowerment techniques, where growing at high relative humidities (VPD < 1KPa) is part of the strategy, For these cases it is possible to upgrade the Air temperature / Relative Humidity (RH) integrated circuit to Sensirion SHT25 with RH accuracy = 2% @ 90%<RH; 3%@ 90%<RH<100%. *CO2 is reliable only without condensation, this is simplified as RH<89.9%. An external heater (plugged) can be provided for HNT method, sacrificing the accuracy of Air temperature, Air relative humidity and the wireless feature.





sense nse

discover

improve