


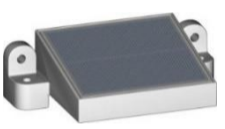
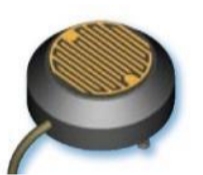




















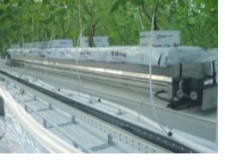





Product	Maintenance	Checks	Calibration
 Wind speed active H 742110	<ul style="list-style-type: none"> clean with water or a mild detergent and a soft brush, do not use abrasives (if necessary) 	<ul style="list-style-type: none"> check if the rotating parts move (regularly) check for pollution between rotating and stationary parts (every 6 months) 	<ul style="list-style-type: none"> not required
 Wind direction active H 742120			
 Precipitation sensor H 636070	<ul style="list-style-type: none"> clean with water or a mild detergent and a soft brush, do not use abrasives (every 3 to 4 months) 	<ul style="list-style-type: none"> check working (regularly) 	<ul style="list-style-type: none"> not required
 Precipitation detector H 636080			
 Rain detector (rsg-h) H 636050	<ul style="list-style-type: none"> clean with water or a mild detergent and a soft brush, do not use abrasives (once or twice a year) 		
 Pyranometer 2nd class LP02 H 635525	<ul style="list-style-type: none"> clean the sensor with water, alcohol or a mild soap solution and a soft cloth, do not use abrasives (once a year) 	<ul style="list-style-type: none"> check measurement (regularly) 	<ul style="list-style-type: none"> every 3 to 4 years
 Pyranometer 1st class SR11 H 635530		<ul style="list-style-type: none"> check measurement (regularly) check moisture indicator, replace if pink (once a year) 	
 Pyranometer 1st class CMP6 older version		<ul style="list-style-type: none"> check measurement (regularly) check moisture indicator, replace if transparent/clear instead of amber (once a year) 	
 Pyrgeometer Hukseflux IR02 H 635805	<ul style="list-style-type: none"> clean the sensor with water, alcohol or a mild soap solution and a soft cloth, do not use abrasives (once a year) 	<ul style="list-style-type: none"> check measurement (regularly) 	<ul style="list-style-type: none"> every 3 to 4 years
 Outdoor RH/T sensor H 742295	<ul style="list-style-type: none"> sensor: not required radiation shield: clean with water or a mild detergent and a soft brush, do not use abrasives (once a year) 	<ul style="list-style-type: none"> check measurement, for instance by comparing to an other good quality sensor (at least once a year) 	<ul style="list-style-type: none"> if necessary
 Outside temperature sensor H 742275 / H 742130			<ul style="list-style-type: none"> not required
 RH sensor Pedak PC-ME H 640270			<ul style="list-style-type: none"> every 2 years

Product	Maintenance	Checks	Calibration
 <p>Aspirator unit H 740600 / H 740610 / H 740620 / H 740630 / H 740625 / H 740635</p>	<ul style="list-style-type: none"> clean inlet filter, replace if necessary (weekly) 	<ul style="list-style-type: none"> check if fan is running (weekly) 	<ul style="list-style-type: none"> not required
 <p>Dry & Wet bulb</p>	<ul style="list-style-type: none"> refill water container (weekly) replace wick (if necessary) 	<ul style="list-style-type: none"> compare dry & wet bulb temperature, compare both to an other good quality sensor (every 6 months) 	
 <p>RH/T sensor E+E EE210Q H 640310</p>	<ul style="list-style-type: none"> replace sensor filter (when the filter is heavy polluted) 	<ul style="list-style-type: none"> check measurement, for instance by comparing to an other good quality sensor (at least once a year) 	<ul style="list-style-type: none"> if necessary
 <p>RH sensor Rotronic Hygroclip2 H 640250</p>	<ul style="list-style-type: none"> not required 		
 <p>CO2 sensor E+E 871 H 641407</p>	<ul style="list-style-type: none"> replace probe filter (when the filter is heavy polluted) 	<ul style="list-style-type: none"> check measurement, for instance by comparing to an other good quality sensor, if available use calibration gas (at least once a year) 	<ul style="list-style-type: none"> if necessary
 <p>CO2 sensor Vaisala GMP222 H 641402</p>	<ul style="list-style-type: none"> send the sensor for maintenance (when the filter is heavy polluted) 	<ul style="list-style-type: none"> check measurement, for instance by comparing to an other good quality sensor, if available use calibration gas (regularly) 	<ul style="list-style-type: none"> every 2 years
 <p>Plant temperature (IR) Heitronics CT11 H 029205</p>	<ul style="list-style-type: none"> clean with cotton swabs and alcohol (every 3 months) 	<ul style="list-style-type: none"> check measurement, for instance with a black body or a thermos flask (every 1 to 2 years) 	<ul style="list-style-type: none"> every 4 years
 <p>PAR sensor LICOR LI-190R H 029250</p>	<ul style="list-style-type: none"> clean with water or a soap solution and a soft cloth, do not use alcohol or abrasives (regularly) clean hard water deposits with vinegar (if necessary) 	<ul style="list-style-type: none"> check measurement, for instance by comparing to a defined light source (annually) 	<ul style="list-style-type: none"> every 2 years
 <p>PAR sensor LICOR LI-190 H 029235</p>			
 <p>Water temperature sensor Pt500 H 740650 / H 740660</p>	<ul style="list-style-type: none"> not required 	<ul style="list-style-type: none"> check measurement (if in doubt of proper functioning of the sensor) 	<ul style="list-style-type: none"> not required

Product	Maintenance	Checks	Calibration
 <p>EC Sensor Jumo CR-EC (M12) H 602880 / H 602885</p>	<ul style="list-style-type: none"> • clean with alcohol or if necessary with a (light) acidic solution and a soft brush, do not use abrasives (every 1 to 4 months) 	<ul style="list-style-type: none"> • check temperature measurement (every 1 to 4 months) 	<ul style="list-style-type: none"> • calibrate sensor by measuring calibration liquid and comparing to a good quality sensor (every 1 to 4 months)
 <p>EC sensor Hanna H 641006</p>	<ul style="list-style-type: none"> • clean with water or a mild detergent and a soft brush, do not use abrasives • clean inside with a soft pipe cleaner, make sure not to scratch the surface (every 1 to 2 months) 	<ul style="list-style-type: none"> • not required 	<ul style="list-style-type: none"> • calibrate sensor by measuring calibration liquid and comparing to a good quality sensor (every 1 to 2 months)
 <p>Hanna pH sensor H 641985</p>	<ul style="list-style-type: none"> • clean with clear water, do not use abrasives, do not use distilled or demineralized water (every 1 to 2 months) 	<ul style="list-style-type: none"> • not required 	<ul style="list-style-type: none"> • calibrate sensor by measuring calibration liquid and comparing to a good quality sensor (every 1 to 2 months)
 <p>Aquabalance - 3 meters H 642900</p>	<ul style="list-style-type: none"> • clean with water with a chlorine solution (after crop change) • first take out the pH and EC sensors • for EC and pH sensor refer to respective service manuals 	<ul style="list-style-type: none"> • set the number of drippers (after crop change) • check temperature measurement of EC sensor, for instance by comparing it to an other good quality sensor (regularly) 	<ul style="list-style-type: none"> • calibrate slab weight (after crop change) • calibrate drain weight (after crop change) • calibrate EC and pH sensors by measuring calibration liquid and comparing to a good quality sensor (every 1 to 2 months)
 <p>Paddlewheel Flow Sensor</p>	<ul style="list-style-type: none"> • clean rotating parts with water or a mild detergent and a soft brush, do not use abrasives (if necessary) 	<ul style="list-style-type: none"> • check measurement (regularly) 	<ul style="list-style-type: none"> • not required
 <p>Soil moisture sensor MAS-1 H 029530</p>	<ul style="list-style-type: none"> • clean with water or a mild detergent and a soft brush (before repositioning) 	<ul style="list-style-type: none"> • check measurements (regularly) 	<ul style="list-style-type: none"> • not required
 <p>Silo Pressure Sensor H 642799 / H 642794</p>	<ul style="list-style-type: none"> • clean with water or a mild detergent and a soft brush, do not use abrasives (if necessary) 	<ul style="list-style-type: none"> • check the measurement, for instance: Check if the sensor indicates zero when taken above the water surface. (once a year) 	<ul style="list-style-type: none"> • not required