





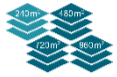



















## AVF+ Junior Configurations

			
	<i>Junior 15</i>	<i>Junior 30</i>	<i>Junior Research Facility</i>
 <b>Growth Surface</b>	15m <sup>2</sup>	30 m <sup>2</sup>	From 60 m <sup>2</sup> to 150 m <sup>2</sup>
 <b>Number of climate cells</b>	1	1	Between 4 and 10
 <b>Number of research positions</b>	6	12	From 24 to 60
 <b>Main Purpose</b>	Research of crop growth, development of growth recipes		
 <b>Types of Crops</b>	Leafy greens, lettuces, herbs, microgreens, young plants (vegetables, ornamentals, medicinal etc.) and more		
 <b>Software</b>	AVF+ Junior Software Standard, future updates included		
 <b>LED Lights</b>			
<i>Dynamic light spectrum</i>	Standard equipment - dynamic spectrum, adjustable intensity and dimming		
<i>Static light spectrum</i>	Additional options with fixed light spectrum when only 1 spectrum is needed		
 <b>Climate</b>			
 <i>Temperature Control</i>	Yes, adjustable through software		
 <i>Humidity Control</i>	Yes, adjustable through software		
 <i>CO<sub>2</sub> Control</i>	Yes, adjustable through software		
 <i>Air Flow Speed</i>	Automatic		
 <b>Irrigation &amp; nutrients</b>			
 <i>Irrigation Control</i>	Eb/flood with adjustable interval		
 <i>Nutrient Control</i>	Yes; Standard: 1 Recipe Additional option: Multiple recipes		
 <b>Options</b>			
 <i>Time lapse camera</i>	Additional option per research position		
 <i>Multiple nutrient recipes</i>	Additional option for Junior 15 and Junior 30, Research Facility has multiple recipes		
 <i>Stomata Camera</i>	Additional option		
 <i>Photosynthesis Measurement</i>	Additional option		