

LED PLANT GROWTH CHAMBERS

*Models: 7310-22, 50, 75 / 7311-22, 50, 75
7312-22, 50, 75 / 7315-22 / 7317-22, 50, 75*

LIGHTING & SHELVING

Model Size	22	7310 50	75	22	7311 50	75
Light Intensity	600 $\mu\text{moles} / \text{m}^2 / \text{s}$					
Number of Tiers	1 Tier			2 Tiers		
Growth Height	50.3"			22.3" / 24.3"		
Shelves Total	1	2	3	2	4	6
Shelf Area Total	4 ft ²	8 ft ²	12 ft ²	8 ft ²	16 ft ²	24 ft ²
Shelf Dimensions	21.6" W x 26.5" D (55cm x 67cm)					
Shelf Material	Type 304 Stainless Steel / Electropolished					
Model Size	22	7312 50	75	7315 22		
Light Intensity	600 $\mu\text{moles} / \text{m}^2 / \text{s}$			150 $\mu\text{moles} / \text{m}^2 / \text{s}$		
Number of Tiers	3 Tiers			6 Tiers		
Growth Height	14.3"			4.3"		
Shelves Total	3	6	9	6		
Shelf Area Total	12 ft ²	24 ft ²	36 ft ²	24 ft ²		
Shelf Dimensions	21.6" W x 26.5" D (55cm x 67cm)					
Shelf Material	Type 304 Stainless Steel / Electropolished					
Model Size	22	7317 50		75		
Light Intensity	1500 $\mu\text{moles} / \text{m}^2 / \text{s}$					
Number of Tiers	1 Tier					
Growth Height	50.3"					
Shelves Total	1	2		3		
Shelf Area Total	4 ft ²	8 ft ²		12 ft ²		
Shelf Dimensions	21.6" W x 26.5" D (55cm x 67cm)					
Shelf Material	Type 304 Stainless Steel / Electropolished					

DIMENSIONS & WEIGHTS

Model Size	7310 / 7311 / 7312 / 7315 / 7317 22
Work Space	22 ft ³ (623 Liters)
Interior Dimensions	22.5" W x 28.5" D x 57.8" H (57cm x 72cm x 146cm)
Exterior Dimensions	30" W x 35.1" D* x 81.5" H (76cm x 89cm x 207cm)
Shipping Weight	625 Lbs. (775 Lbs. with export shipping crate)
Model Size	7310 / 7311 / 7312 / 7317 50
Work Space	50 ft ³ (1,416 Liters)
Interior Dimensions	51" W x 28.5" D x 59" H (130cm x 72cm x 150cm)
Exterior Dimensions	57" W x 35.1" D* x 81.5" H (145cm x 89cm x 207cm)
Shipping Weight	950 Lbs. (1,250 Lbs. with export shipping crate)
Model Size	7310 / 7311 / 7312 / 7317 75
Work Space	75 ft ³ (2,124 Liters)
Interior Dimensions	79.5" W x 28.5" D x 59" H (202cm x 72cm x 150cm)
Exterior Dimensions	85.5" W x 35.1" D* x 81.5" H (217cm x 89cm x 207cm)
Shipping Weight	1,350 Lbs. (1,850 Lbs. with export shipping crate)

*Add 2.75" for handle. Fits through a 33.5" standard door opening with door assembly and front panel removed.

ELECTRICAL

Model Size	7310 / 7311 / 7312 / 7315 / 7317 22-1 22-2 22-3
Voltage	115V 208 / 230V 230V
Frequency	60Hz 60Hz 50Hz
Current	12A 8A 8A
Model Size	7310 / 7311 / 7312 / 7317 50-2 75-2 50-3 75-3
Voltage	208 / 230V 230V
Frequency	60Hz 50Hz
Current	12A

TEMPERATURE

Model	7310 / 7311 / 7312 / 7315 / 7317
Lights On	15°C to 45°C Temp Range
Lights Off	10°C to 45°C Temp Range
Sensor	3-wire RTD / ± 0.2 °C

ANALOG OUTPUT

Model Size	22	7310 50	75
OUTP302	Temp / Light	N/A	N/A
OUTP303	Temp / Light RH or CO ₂	Temp / Lights	N/A
OUTP304	Temp / Light RH / CO ₂	Temp / Lights RH or CO ₂	Temp / Lights
OUTP307	N/A	Temp / Lights RH / CO ₂	Temp / Lights RH or CO ₂
OUTP308	N/A	N/A	Temp / Lights RH / CO ₂
Model Size	22	7311 50	75
OUTP302	N/A	N/A	N/A
OUTP303	Temp / Lights	Temp / Lights	N/A
OUTP304	Temp / Lights RH or CO ₂	Temp / Lights RH or CO ₂	Temp / Lights
OUTP307	Temp / Lights RH / CO ₂	Temp / Lights RH / CO ₂	Temp / Lights RH or CO ₂
OUTP308	N/A	N/A	Temp / Lights RH / CO ₂
Model Size	22	7312 50	75
OUTP302	N/A	N/A	N/A
OUTP303	N/A	Temp / Lights	N/A
OUTP304	Temp / Lights	Temp / Lights RH or CO ₂	Temp / Lights
OUTP307	Temp / Lights RH or CO ₂	Temp / Lights RH / CO ₂	Temp / Lights RH or CO ₂
OUTP308	Temp / Lights RH / CO ₂	N/A	Temp / Lights RH / CO ₂
Model Size	7315 / 7317 22	50	7317 75
OUTP302	Temp / Light	N/A	N/A
OUTP303	Temp / Lights RH or CO ₂	Temp / Lights	N/A
OUTP304	Temp / Lights RH / CO ₂	Temp / Lights RH or CO ₂	Temp / Lights
OUTP307	N/A	Temp / Lights RH / CO ₂	Temp / Lights RH or CO ₂
OUTP308	N/A	N/A	Temp / Lights RH / CO ₂