

As easy
as 1, 2, 3...



1
Hang
shelves



2
Connect,
and
adjust
airflow if
necessary



3
Configure
software



FLEX SERIES

BioChambers FLEX series chambers and rooms provide maximum flexibility to meet your changing research requirements. All shelving modules can be easily changed, from tall plant mode (upward airflow, adjustable height canopy, high light intensity) to short plant mode (side plenum airflow, multiple adjustable light tiers of shelving). When your research requirements change, so does your BioChamber!



FLEX™ SERIES



Model #	Growth Area	Growth Height	Lighting PPFD	Temperature		Exterior Dimensions Width x Depth x Height
				Lights On	Lights Off	

CHAMBERS

FXC-7 Series - 2-tier model - tall plant conversion options available						
FXC-7-2T	0.8m ² (8ft ²)	520mm (20½")	650µmol m ⁻² s ⁻¹	10°C to 35°C	4°C to 40°C	1360mmW x 760mmD x 2005mmH (53½"W x 30"D x 79"H)
FXC-9 and FXC-19 Series - 760mm (30") Canopy - Converts from between modes - no tools required, no kits required, all hardware included						
FXC-9 (1-tier setup)	0.9m ² (10ft ²)	1120mm (44")	1500µmol m ⁻² s ⁻¹	10°C to 35°C	4°C to 40°C	1360mmW x 890mmD x 2145mmH (53½"W x 35"D x 84½"H)
FXC-9 (2-tier setup)	1.8m ² (20ft ²)	535mm (21")	750µmol m ⁻² s ⁻¹	10°C to 35°C	4°C to 40°C	1360mmW x 890mmD x 2145mmH (53½"W x 35"D x 84½"H)
FXC-9-T (1-tier setup)	0.9m ² (10ft ²)	1780mm (70")	1500µmol m ⁻² s ⁻¹	10°C to 35°C	4°C to 40°C	1360mmW x 890mmD x 2770mmH (53½"W x 35"D x 109"H)
FXC-9-T (2-tier setup)	1.8m ² (20ft ²)	840mm (33")	750µmol m ⁻² s ⁻¹	10°C to 35°C	4°C to 40°C	1360mmW x 890mmD x 2770mmH (53½"W x 35"D x 109"H)
FXC-9-T (3-tier setup)	2.7m ² (29ft ²)	520mm (20½")	750µmol m ⁻² s ⁻¹	10°C to 35°C	4°C to 40°C	1360mmW x 890mmD x 2770mmH (53½"W x 35"D x 109"H)
FXC-19 (1-tier setup)	1.9m ² (20ft ²)	1780mm (70")	1500µmol m ⁻² s ⁻¹	10°C to 35°C	4°C to 40°C	2590mmW x 890mmD x 2820mmH (102"W x 35"D x 111"H)
FXC-19 (2-tier setup)	3.7m ² (39ft ²)	840mm (33")	750µmol m ⁻² s ⁻¹	10°C to 35°C	4°C to 40°C	2590mmW x 890mmD x 2820mmH (102"W x 35"D x 111"H)
FXC-19 (3-tier setup)	5.4m ² (59ft ²)	520mm (20½")	750µmol m ⁻² s ⁻¹	10°C to 35°C	4°C to 40°C	2590mmW x 890mmD x 2820mmH (102"W x 35"D x 111"H)

ROOMS

FXR Series - 760mm (30") Canopy - Converts from 3 tier to 2 tier to 1 tier - no tools required, no kits required, all hardware included						
FXR-19 (1-tier setup)	1.9m ² (19ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 1780mmD x 2800mmH (9'8"W x 5'10"D x 9'2¼"H)
FXR-19 (2-tier setup)	3.8m ² (39ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 1780mmD x 2800mmH (9'8"W x 5'10"D x 9'2¼"H)
FXR-19 (3-tier setup)	5.4m ² (58ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 1780mmD x 2800mmH (9'8"W x 5'10"D x 9'2¼"H)
FXR-37 (1-tier setup)	3.7m ² (40ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 3100mmD x 2800mmH (9'8"W x 10'2"D x 9'2¼"H)
FXR-37 (2-tier setup)	7.3m ² (78ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 3100mmD x 2800mmH (9'8"W x 10'2"D x 9'2¼"H)
FXR-37 (3-tier setup)	10.8m ² (117ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 3100mmD x 2800mmH (9'8"W x 10'2"D x 9'2¼"H)
FXR-56 (1-tier setup)	5.6m ² (60ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 4495mmD x 2800mmH (9'8"W x 14'9"D x 9'2¼"H)
FXR-56 (2-tier setup)	10.9m ² (118ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 4495mmD x 2800mmH (9'8"W x 14'9"D x 9'2¼"H)
FXR-56 (3-tier setup)	16.3m ² (175ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 4495mmD x 2800mmH (9'8"W x 14'9"D x 9'2¼"H)
FXR-74 (1-tier setup)	7.4m ² (80ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 5865mmD x 2800mmH (9'8"W x 19'3"D x 9'2¼"H)
FXR-74 (2-tier setup)	14.6m ² (157ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 5865mmD x 2800mmH (9'8"W x 19'3"D x 9'2¼"H)
FXR-74 (3-tier setup)	21.7m ² (234ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 5865mmD x 2800mmH (9'8"W x 19'3"D x 9'2¼"H)
FXR-93 (1-tier setup)	9.3m ² (100ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 7330mmD x 2800mmH (9'8"W x 24'½"D x 9'2¼"H)
FXR-93 (2-tier setup)	18.2m ² (196ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 7330mmD x 2800mmH (9'8"W x 24'½"D x 9'2¼"H)
FXR-93 (3-tier setup)	27.1m ² (292ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 7330mmD x 2800mmH (9'8"W x 24'½"D x 9'2¼"H)
FXR-111 (1-tier setup)	11.1m ² (120ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 8790mmD x 2800mmH (9'8"W x 28'10"D x 9'2¼"H)
FXR-111 (2-tier setup)	21.8m ² (235ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 8790mmD x 2800mmH (9'8"W x 28'10"D x 9'2¼"H)
FXR-111 (3-tier setup)	32.5m ² (350ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	2945mmW x 8790mmD x 2800mmH (9'8"W x 28'10"D x 9'2¼"H)
FXR Series - 915mm (36") Canopy - Converts from 3 tier to 2 tier to 1 tier - no tools required, no kits required, all hardware included						
FXR-22 (1-tier setup)	2.2m ² (24ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 1780mmD x 2800mmH (10'7½"W x 5'10"D x 9'2¼"H)
FXR-22 (2-tier setup)	4.4m ² (47ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 1780mmD x 2800mmH (10'7½"W x 5'10"D x 9'2¼"H)
FXR-22 (3-tier setup)	6.6m ² (70ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 1780mmD x 2800mmH (10'7½"W x 5'10"D x 9'2¼"H)
FXR-45 (1-tier setup)	4.5m ² (48ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 3100mmD x 2800mmH (10'7½"W x 10'2"D x 9'2¼"H)
FXR-45 (2-tier setup)	8.8m ² (94ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 3100mmD x 2800mmH (10'7½"W x 10'2"D x 9'2¼"H)
FXR-45 (3-tier setup)	13.1m ² (141ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 3100mmD x 2800mmH (10'7½"W x 10'2"D x 9'2¼"H)
FXR-67 (1-tier setup)	6.7m ² (72ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 4495mmD x 2800mmH (10'7½"W x 14'9"D x 9'2¼"H)
FXR-67 (2-tier setup)	13.2m ² (142ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 4495mmD x 2800mmH (10'7½"W x 14'9"D x 9'2¼"H)
FXR-67 (3-tier setup)	19.7m ² (211ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 4495mmD x 2800mmH (10'7½"W x 14'9"D x 9'2¼"H)
FXR-89 (1-tier setup)	9.0m ² (96ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 5865mmD x 2800mmH (10'7½"W x 19'3"D x 9'2¼"H)
FXR-89 (2-tier setup)	17.6m ² (189ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 5865mmD x 2800mmH (10'7½"W x 19'3"D x 9'2¼"H)
FXR-89 (3-tier setup)	26.2m ² (282ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 5865mmD x 2800mmH (10'7½"W x 19'3"D x 9'2¼"H)
FXR-112 (1-tier setup)	11.2m ² (120ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 7330mmD x 2800mmH (10'7½"W x 24'½"D x 9'2¼"H)
FXR-112 (2-tier setup)	22.0m ² (236ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 7330mmD x 2800mmH (10'7½"W x 24'½"D x 9'2¼"H)
FXR-112 (3-tier setup)	32.8m ² (352ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 7330mmD x 2800mmH (10'7½"W x 24'½"D x 9'2¼"H)
FXR-134 (1-tier setup)	13.4m ² (144ft ²)	2030mm (80")	1200µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 8790mmD x 2800mmH (10'7½"W x 28'10"D x 9'2¼"H)
FXR-134 (2-tier setup)	26.4m ² (283ft ²)	965mm (38")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 8790mmD x 2800mmH (10'7½"W x 28'10"D x 9'2¼"H)
FXR-134 (3-tier setup)	39.4m ² (422ft ²)	610mm (24")	600µmol m ⁻² s ⁻¹	15°C to 35°C	5°C to 35°C	3240mmW x 8790mmD x 2800mmH (10'7½"W x 28'10"D x 9'2¼"H)

Note a: Light intensity measurements at 150mm (6") from the lamps at 25°C.



BioChambers FLEX™ Products version 2025-12B.

Our policy of continuous product improvement will occasionally result in changes to product specifications without notice.
©BIOCHAMBERS INCORPORATED 2025. ALL RIGHTS RESERVED. PRINTED IN CANADA

biochambers.com