

NexGen Lo-Profile



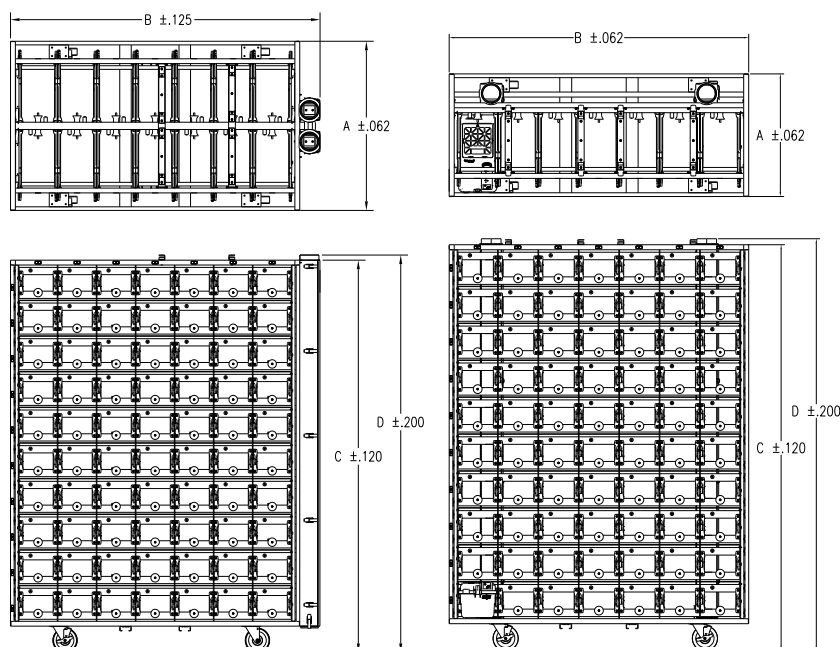
Airflow

NexGen Airflow Rates								
Size	Animal Capacity	ACH	Supply Air		Exhaust Air (+)		Exhaust Air (-)	
			CFM	m ³ /hr	CFM	m ³ /hr	CFM	m ³ /hr
60	300	50	14	23.8	11	18.7	18	30.6
70	350	50	16	27.2	12	20.4	20	34.0
80	400	50	18	30.6	14	23.8	23	39.1
120	600	50	27	45.9	20	34.0	34	57.8
140	700	50	32	54.4	24	40.8	40	68.0
160	800	50	36	61.2	27	45.9	45	76.5

*Note: a.) Airflow at sea-level b.) Rack weight without blowers, animals, bedding or watering c.) Airflow tolerance $\pm 10\%$ d.) *Other configurations available*

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Dimensions



Notes:

1. 3 1/2" or 5" diameter casters
2. Optional top panel
3. Optional bumpers
4. Multiple bower configurations
5. Removable runners and collars to achieve dimension "C"
6. WiVarium/Vantage compatible
7. Add 9.74 inch(248mm) to 11.70 inch(297mm) onto dimension "C" for rack mounted blowers

NexGen Lo-Profile Rack Specifications												
Size	A		B		C		D		Matrix		Sides	Weights* (loaded)
	inch	mm	inch	mm	inch	mm	inch	mm	Col.	Row		
5" Casters												
60	24.5	622	51.688	1313	80.076	2034	81.202	2063	6	10	1	500 lbs.
70	24.5	622	59.750	1518	80.076	2034	81.202	2063	7	10	1	550 lbs.
80	24.5	622	67.812	1722	80.076	2034	81.202	2063	8	10	1	655 lbs.
120	35.0	889	55.857	1419	80.076	2034	81.202	2063	6	10	2	785 lbs.
140	35.0	889	63.919	1624	80.076	2034	81.202	2063	7	10	2	890 lbs.
160	35.0	889	71.981	1828	80.076	2034	81.202	2063	8	10	2	990 lbs.
3 1/2" Casters with Top Plate												
60	24.5	622	51.688	1313	78.589	1996	79.715	2025	6	10	1	500 lbs.
70	24.5	622	59.750	1518	78.589	1996	79.715	2025	7	10	1	550 lbs.
80	24.5	622	67.812	1722	78.589	1996	79.715	2025	8	10	1	655 lbs.
120	35.0	889	55.857	1419	78.589	1996	79.715	2025	6	10	2	785 lbs.
140	35.0	889	63.919	1624	78.589	1996	79.715	2025	7	10	2	890 lbs.
160	35.0	889	71.981	1828	78.589	1996	79.715	2025	8	10	2	990 lbs.

* If using a set of 2 EcoFlo Rack Mounted Blowers, add 50 lbs.
If using an EcoFlo Tower Blower, add 125 lbs.

If using Automatic Watering on a single sided rack, add 30 lbs.
If using Automatic Watering on a double sided rack, add 50 lbs.

Compatible Components

Top

External Bottle (224464-x)
Micro Barrier (223611-x)
Dual Bottle (224437-x)

Cage

Standard (223581-x)
Edge (223580-x)

Lid/Food

PFT feeder/bottle (225664-1)
PFT feeder/feeder (225663-1)
Half pocket for EBT (314677)
Half pocket for MBT (314678)
Full pocket (412483)

Water Bottle

250ml (309053)
500ml (122798-3) PFT

Allentown recommends that projects that have critical size, airflow, water or electrical needs be handled through approval drawings to insure all critical areas are addressed and have visibility throughout the team including, A&E, MEP and construction persons.