

## AIRFLOW DATA

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)												
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED TAP	EXTERNAL STATIC PRESSURE (IN. W.C.)									
			0.1		0.2		0.3		0.4		0.5	
			CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
J801X055AU3LAAA	Bottom	5 - High *										
		4 - Med-High										
		3 - Med-Low **	880	46	845	48	810	50	770	53	735	55
		2 - Alternate	705	58	650	63	610		570		530	
		1 - Low ***	640	64	600		555		510		470	
	Side	5 - High *										
		4 - Med-High										
		3 - Med-Low **	875	47	830	49	795	51	750	54	715	57
		2 - Alternate	685	59	650	63	595		555		515	
		1 - Low ***	640	64	585		540		500		460	

COOLING AIRFLOW (CFM)										
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED TAP	EXTERNAL STATIC PRESSURE (IN. W.C.)							
			0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
			CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM
J801X055AU3LAAA	Bottom	5 - High *	1,180	1,140	1,110	1,080	1,045	1,015	985	955
		4 - Med-High	920	880	850	810	775	740	700	665
		3 - Med-Low **	880	845	810	770	735	700	665	630
		2 - Alternate	705	650	610	570	530	480	440	400
		1 - Low ***	640	600	555	510	470	430	390	340
	Side	5 - High *	1,160	1,125	1,095	1,065	1,040	1,010	975	945
		4 - Med-High	905	860	827	790	755	717	683	639
		3 - Med-Low **	875	830	793	752	715	684	642	606
		2 - Alternate	685	650	595	555	515	471	424	376
		1 - Low ***	640	585	540	500	460	415		

**NOTES:**

1. To comply with government mandated efficiency standards, two openings are required for airflows above 1,600 CFM.
2. Data is shown without filter.
3. Temperature rises in the table are approximate. Actual temperature rises may vary.
4. Individual cells shaded in gray indicate a temperature rise outside of the recommended range.
5. To comply with government mandated efficiency standards, speed settings shaded in gray are not allowed in HEAT mode.
6. The "\*" denotes the factory COOL setting, "\*\*\*" denotes the factory HEAT setting, and "\*\*\*\*" denotes factory FAN setting. If the Alternate speed is to be used, the speed tap must be adjusted at the blower motor plug.

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			CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
J801X070BU4LAAA	Bottom	5 - High *										
		4 - Med-High										
		3 - Med-Low **										
		2 - Alternate	1,130	46	1,070	48	1,010	51	960	54	890	58
		1 - Low ***	820	63	730		630		570		540	
	Side	5 - High *										
		4 - Med-High										
		3 - Med-Low **										
		2 - Alternate	1,090	48	1,020	51	970	53	920	56	860	60
		1 - Low ***	740		680		620		560		510	

COOLING AIRFLOW (CFM)										
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			0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
			CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM
J801X070BU4LAAA	Bottom	5 - High *	1,790	1,740	1,690	1,640	1,590	1,540	1,490	1,440
		4 - Med-High	1,650	1,590	1,560	1,500	1,450	1,400	1,350	1,290
		3 - Med-Low **	1,395	1,340	1,290	1,235	1,190	1,130	1,070	1,010
		2 - Alternate	1,130	1,070	1,010	960	890	820	770	720
		1 - Low ***	820	730	630	570	540	490	430	380
	Side	5 - High *	1,740	1,700	1,660	1,610	1,550	1,510	1,460	1,400
		4 - Med-High	1,610	1,550	1,510	1,460	1,410	1,360	1,310	1,250
		3 - Med-Low **	1,350	1,295	1,245	1,185	1,140	1,085	1,035	985
		2 - Alternate	1,090	1,020	970	920	860	800	750	700
		1 - Low ***	740	680	620	560	510	450	410	360

**NOTES:**

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			CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
J801X100CU5LAAA	Bottom	5 - High *										
		4 - Med-High										
		3 - Med-Low **	880	46	845	48	810	50	770	53	735	55
		2 - Alternate	705	58	650	63	610		570		530	
		1 - Low ***	640	64	600		555		510		470	
	Side	5 - High *										
		4 - Med-High										
		3 - Med-Low **	875	47	830	49	795	51	750	54	715	57
		2 - Alternate	685	59	650	63	595		555		515	
		1 - Low ***	640	64	585		540		500		460	
	Side + Bottom or 2 Sides	5 - High *										
		4 - Med-High										
		3 - Med-Low **	1,600	46	1,530	48	1,460	51	1,400	53	1,340	55
		2 - Alternate	1,525	49	1,455	51	1,390	53	1,330	56	1,265	59
		1 - Low ***	1,370	54	1,300	57	1,230	60	1,150	64	1,090	

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			CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM
J801X100CU5LAAA	Bottom	5 - High *	2,310	2,260	2,200	2,150	2,100	2,040	1,990	1,940
		4 - Med-High	1,870	1,820	1,760	1,720	1,670	1,610	1,560	1,490
		3 - Med-Low **	1,580	1,530	1,480	1,420	1,360	1,290	1,230	1,155
		2 - Alternate	1,500	1,450	1,400	1,340	1,280	1,210	1,130	1,050
		1 - Low ***	1,390	1,320	1,260	1,200	1,130	1,060	970	890
	Side	5 - High *	2,160	2,100	2,060	2,020	2,050	1,990	1,950	1,880
		4 - Med-High	1,810	1,750	1,710	1,660	1,620	1,560	1,510	1,440
		3 - Med-Low **	1,540	1,490	1,440	1,380	1,330	1,270	1,210	1,150
		2 - Alternate	1,470	1,420	1,360	1,310	1,260	1,200	1,130	1,070
		1 - Low ***	1,310	1,250	1,190	1,150	1,080	1,000	950	880
	Side + Bottom or 2 Sides	5 - High *	2,280	2,220	2,170	2,120	2,090	2,080	2,020	1,950
		4 - Med-High	1,880	1,820	1,770	1,720	1,670	1,610	1,560	1,490
		3 - Med-Low **	1,600	1,530	1,460	1,400	1,340	1,270	1,200	1,120
		2 - Alternate	1,525	1,455	1,390	1,330	1,265	1,190	1,120	1,045
		1 - Low ***	1,370	1,300	1,230	1,150	1,090	1,000	920	860

**NOTES:**

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