BLOWER DATA

J801X*U & J801X*D GAS FURNACES WITH FIXED SPEED BLOWERS

J801X*U Upflow / Horizontal Furnace

J801X*D Downflow Furnace

⚠ WARNING:

ELECTRICAL SHOCK, FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death or property damage.

Improper servicing could result in dangerous operation, serious injury, death or property damage.

- **Before servicing, disconnect all electrical power to furnace.**
- **When servicing controls, label all wires prior to disconnecting. Reconnect wires correctly.**
- **Verify proper operation after servicing.**

- **Electrical connections must be in compliance with all applicable local codes and the current revision of the National Electric Code (ANSI/NFPA 70).**
- **For Canadian installations the electrical connections and grounding shall comply with the current Canadian Electrical Code (CSA C22.1 and/or local codes).**

INSTALLER: Please read all instructions before servicing this equipment. Pay attention to all safety warnings and any other special notes highlighted in the manual. Safety markings are used frequently throughout this manual to designate a degree or level of seriousness and should not be ignored.

- To minimize equipment failure or personal injury, it is essential that only qualified individuals install, service, or maintain this equipment. If you do not posses mechanical skills or tools, call your local dealer for assistance.
- Use caution when handling this appliance or removing components. Personal injury can occur from sharp metal edges present in all sheet metal constructed equipment.
- Always reinstall the doors on the furnace after servicing. Do not operate the furnace without all doors and covers in place.
- Follow all precautions in the literature, on tags, and on labels provided with the equipment. Read and thoroughly understand the instructions provided with the equipment prior to performing the installation and operational checkout of the equipment.

J801X045AU3SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X045AU3SAAA 45,000 BTU/Hr	Bottom	5 - High*										
		4 - Alternate										
		3 - Medium High**	985	34	945	35	905	37	865	39	815	41
		2 - Med-Low	845	39	800	42	760	44	720	46	670	50
		1 - Low***	790	42	735	45	695	48	645	52	605	55
	Side	5 - High*										
		4 - Alternate										
		3 - Medium High**	980	34	945	35	895	37	865	39	830	40
		2 - Med-Low	845	39	800	42	765	44	720	46	670	50
		1 - Low***	790	42	740	45	705	47	650	51	610	55
	Side + Bottom or 2 sides	5 - High*										
		4 - Alternate										
		3 - Medium High**	975	34	940	35	905	37	865	39	825	40
		2 - Med-Low	850	39	815	41	770	43	730	46	680	49
		1 - Low***	790	42	755	44	705	47	680	49	625	53

COOLING AIRFLOW (CFM)										
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X045AU3SAAA 45,000 BTU/Hr	Bottom	5 - High*	1,340	1,310	1,270	1,240	1,205	1,175	1,140	1,100
		4 - Alternate	1,150	1,115	1,075	1,040	1,010	950	925	890
		3 - Medium High**	985	945	905	865	815	780	735	685
		2 - Med-Low	845	800	760	720	670	625	580	
		1 - Low***	790	735	695	645	605	555		
	Side	5 - High*	1,340	1,310	1,270	1,240	1,205	1,175	1,140	1,100
		4 - Alternate	1,150	1,115	1,075	1,040	1,010	950	925	890
		3 - Medium High**	980	945	895	865	830	785	740	700
		2 - Med-Low	845	800	765	720	670	635	585	
		1 - Low***	790	740	705	650	610	570		
	Side + Bottom or 2 sides	5 - High*	1,340	1,310	1,270	1,240	1,205	1,175	1,140	1,100
		4 - Alternate	1,150	1,115	1,075	1,040	1,010	950	925	890
		3 - Medium High**	975	940	905	865	825	780	740	685
		2 - Med-Low	850	815	770	730	680	645	600	
		1 - Low***	790	755	705	680	625	575		

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X054AU3SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X054AU3SAAA 52,000 BTU/Hr	Bottom	5 - High*										
		4 - Alternate										
		3 - Medium High**	985	39	945	41	905	43	865	45	815	47
		2 - Med-Low	845	46	800	48	760	51	720	53	670	57
		1 - Low***	790	49	735	52	695	55				
	Side	5 - High*										
		4 - Alternate										
		3 - Medium High**	980	39	945	41	895	43	865	45	830	46
		2 - Med-Low	845	46	800	48	765	50	720	53	670	57
		1 - Low***	790	49	740	52	705	55				
	Side + Bottom or 2 sides	5 - High*										
		4 - Alternate										
		3 - Medium High**	975	40	940	41	905	43	865	45	825	47
		2 - Med-Low	850	45	815	47	770	50	730	53	680	57
		1 - Low***	790	49	755	51	705	55				

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X054AU3SAAA 52,000 BTU/Hr	Bottom	5 - High*	1,340	1,310	1,270	1,240	1,205	1,175	1,140	1,100
		4 - Alternate	1,150	1,115	1,075	1,040	1,010	950	925	890
		3 - Medium High**	985	945	905	865	815	780	735	685
		2 - Med-Low	845	800	760	720	670	625	580	
		1 - Low***	790	735	695	645	605	555		
	Side	5 - High*	1,340	1,310	1,270	1,240	1,205	1,175	1,140	1,100
		4 - Alternate	1,150	1,115	1,075	1,040	1,010	950	925	890
		3 - Medium High**	980	945	895	865	830	785	740	700
		2 - Med-Low	845	800	765	720	670	635	585	
		1 - Low***	790	740	705	650	610	570		
	Side + Bottom or 2 sides	5 - High*	1,340	1,310	1,270	1,240	1,205	1,175	1,140	1,100
		4 - Alternate	1,150	1,115	1,075	1,040	1,010	950	925	890
		3 - Medium High**	975	940	905	865	825	780	740	685
		2 - Med-Low	850	815	770	730	680	645	600	
		1 - Low***	790	755	705	680	625	575		

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X072BU4SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X072BU4SAAA 70,000 BTU/Hr	Bottom or Side	5 - High*										
		4 - Medium High**	1,585	33	1,540	34	1,505	34	1,465	35	1,085	48
		3 - Med-Low	1,265	41	1,210	43	1,165	45	1,125	46	1,085	48
		2 - Alternate	1,070	48	1,030	50	990	52	955	54	915	57
		1 - Low***										
	2 Openings	5 - High*										
		4 - Medium High**	1,585	33	1,540	34	1,505	34	1,465	35	1,085	48
		3 - Med-Low	1,260	41	1,200	43	1,160	45	1,125	46	1,085	48
		2 - Alternate	1,110	47	1,070	48	1,030	50	980	53	935	55
		1 - Low***										

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X072BU4SAAA 70,000 BTU/Hr	Bottom or Side	5 - High*	1,780	1,740	1,700	1,665	1,620	1,580	1,540	1,500
		4 - Medium High**	1,585	1,540	1,505	1,465	1,420	1,380	1,335	1,295
		3 - Med-Low	1,265	1,210	1,165	1,125	1,085	1,045	995	955
		2 - Alternate	1,070	1,030	990	955	915	865	830	785
		1 - Low***	970	925	865	820	765	715	665	625
	2 Openings	5 - High*	1,790	1,755	1,710	1,675	1,635	1,600	1,560	1,525
		4 - Medium High**	1,390	1,345	1,305	1,255	1,220	1,180	1,135	1,090
		3 - Med-Low	1,260	1,200	1,160	1,125	1,085	1,040	1,000	950
		2 - Alternate	1,110	1,070	1,030	980	935	880	835	790
		1 - Low***	970	925	875	830	770	725	680	630

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X072CU5SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X072CU5SAAA 75,000 BTU/Hr	Bottom	5 - High										
		4 - Alternate										
		3 - Med-High										
		2 -Med-Low**	1,210	46	1,155	48	1,095	51	1,045	53	1,005	55
		1 - Low	930	60	875	63						
	Side	5 - High										
		4 - Alternate										
		3 - Med-High										
		2 -Med-Low**	1,210	46	1,155	48	1,095	51	1,045	53	1,005	55
		1 - Low	930	60	875	63						

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X072CU5SAAA 75,000 BTU/Hr	Bottom	5 - High*	2,085	2,025	1,975	1,925	1,885	1,840	1,805	1,745
		4 - Alternate	1,580	1,525	1,470	1,425	1,385	1,335	1,290	1,235
		3 - Med-High	1,370	1,320	1,265	1,220	1,185	1,125	1,090	1,035
		2 - Med-Low**	1,210	1,155	1,095	1,045	1,005	975	905	850
		1 - Low	930	875	830	760	700	650	620	580
	Side	5 - High*	2,085	2,025	1,975	1,925	1,885	1,840	1,805	1,745
		4 - Alternate	1,580	1,525	1,470	1,425	1,385	1,335	1,290	1,235
		3 - Med-High	1,370	1,320	1,265	1,220	1,185	1,125	1,090	1,035
		2 - Med-Low**	1,210	1,155	1,095	1,045	1,005	975	905	850
		1 - Low	930	875	830	760	700	650	620	580

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X090BU4SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X090BU4SAAA 90,000 BTU/Hr	Bottom or Side	5 - High*										
		4 - Alternate										
		3 - Medium High**	1,370	49	1,335	50	1,290	52	1,250	53	1,215	55
		2 - Med-Low	1,075	62	1,035	64	990	67	950	70	905	74
		1 - Low***										
	2 Openings	5 - High*										
		4 - Alternate										
		3 - Medium High**	1,370	49	1,335	50	1,290	52	1,250	53	1,215	55
		2 - Med-Low	1,075	62	1,035	64	990	67	950	70	905	74
		1 - Low***										

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X090BU4SAAA 90,000 BTU/Hr	Bottom or Side	5 - High*	1,810	1,765	1,735	1,700	1,665	1,625	1,590	1,550
		4 - Alternate	1,560	1,515	1,475	1,440	1,395	1,370	1,315	1,275
		3 - Medium High**	1,370	1,335	1,290	1,250	1,215	1,175	1,130	1,085
		2 - Med-Low	1,075	1,035	990	950	905	865	820	735
		1 - Low***	765	720	675	625	585	520	465	420
	2 Openings	5 - High*	1,810	1,765	1,735	1,700	1,665	1,625	1,590	1,550
		4 - Alternate	1,560	1,515	1,475	1,440	1,395	1,370	1,315	1,275
		3 - Medium High**	1,370	1,335	1,290	1,250	1,215	1,175	1,130	1,085
		2 - Med-Low	1,075	1,035	990	950	905	865	820	735
		1 - Low***	765	720	675	625	585	520	465	420

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X090CU5SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X090CU5SAAA 85,000 BTU/Hr	Bottom or Side	5 - High*										
		4 - Alternate										
		3 - Medium**	1,675	38	1,625	39	1,580	40	1,535	41	1,485	42
		2 - Med-Low	1,410	45	1,365	46	1,310	48	1,270	50	1,215	52
		1 - Low***	1,250	50	1,175	54	1,125	56	1,060	59	1,005	63
	2 Openings	5 - High*										
		4 - Alternate										
		3 - Medium**	1,680	37	1,635	39	1,595	39	1,550	41	1,495	42
		2 - Med-Low	1,410	45	1,350	47	1,300	48	1,250	50	1,195	53
		1 - Low***	1,240	51	1,180	53	1,115	56	1,065	59	1,005	63

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X090CU5SAAA 85,000 BTU/Hr	Bottom or Side	5 - High*	2,250	2,200	2,155	2,105	2,060	2,095	2,050	2,010
		4 - Alternate	1,775	1,725	1,690	1,645	1,595	1,555	1,510	1,455
		3 - Medium**	1,675	1,625	1,580	1,535	1,485	1,445	1,400	1,360
		2 - Med-Low	1,410	1,365	1,310	1,270	1,215	1,165	1,120	1,075
		1 - Low***	1,250	1,175	1,125	1,060	1,005	955	900	845
	2 Openings	5 - High*	2,290	2,245	2,200	2,150	2,110	2,065	2,020	1,985
		4 - Alternate	1,785	1,735	1,690	1,645	1,610	1,560	1,510	1,460
		3 - Medium**	1,680	1,635	1,595	1,550	1,495	1,465	1,400	1,360
		2 - Med-Low	1,410	1,350	1,300	1,250	1,195	1,155	1,110	1,055
		1 - Low***	1,240	1,180	1,115	1,065	1,005	955	895	835

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X108CU5SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X108CU5SAAA 108,000 BTU/Hr	Bottom or Side	5 - High*										
		4 - Medium High**	1,785	45	1,730	46	1,680	48	1,620	49	1,580	51
		3 - Med-Low	1,610	50	1,550	52	1,495	54	1,455	55	1,405	57
		2 - Alternate	1,415	57	1,345	59	1,300	62	1,235	65	1,195	67
		1 - Low***										
	2 Openings	5 - High*										
		4 - Medium High**	1,795	45	1,755	46	1,700	47	1,645	49	1,590	50
		3 - Med-Low	1,620	49	1,560	51	1,505	53	1,450	55	1,405	57
		2 - Alternate	1,435	56	1,370	58	1,315	61	1,245	64	1,215	66
		1 - Low***										

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X108CU5SAAA 108,000 BTU/Hr	Bottom or Side	5 - High*	2,195	2,150	2,100	2,055	2,010	1,980	1,925	1,880
		4 - Medium High**	1,785	1,730	1,680	1,620	1,580	1,540	1,495	1,440
		3 - Med-Low	1,610	1,550	1,495	1,455	1,405	1,355	1,300	1,260
		2 - Alternate	1,415	1,345	1,300	1,235	1,195	1,135	1,090	1,035
		1 - Low***	1,030	965	890	810	725	645	620	540
	2 Openings	5 - High*	2,230	2,185	2,140	2,095	2,050	2,010	1,960	1,915
		4 - Medium High**	1,795	1,755	1,700	1,645	1,590	1,550	1,510	1,465
		3 - Med-Low	1,620	1,560	1,505	1,450	1,405	1,360	1,315	1,270
		2 - Alternate	1,435	1,370	1,315	1,245	1,215	1,160	1,105	1,045
		1 - Low***	1,080	985	905	835	755	675	600	565

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X126DU5SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X126DU5SAAA 122,000 BTU/Hr	Bottom or Side	5 - High*										
		4 - Medium High**	2,005	45	1,955	46	1,905	47	1,855	49	1,810	50
		3 - Med-Low	1,815	50	1,760	51	1,685	54	1,635	55	1,610	56
		2 - Alternate	1,630	55	1,570	58	1,500	60	1,445	63	1,400	65
		1 - Low***										
	2 Openings	5 - High*										
		4 - Medium High**	2,030	45	1,975	46	1,930	47	1,875	48	1,830	49
		3 - Med-Low	1,815	50	1,765	51	1,715	53	1,665	54	1,605	56
		2 - Alternate	1,635	55	1,575	57	1,515	60	1,465	62	1,415	64
		1 - Low***										

COOLING AIRFLOW (CFM)										
MODEL NAME/ HEATING INPUT	RETURN AIR VIA:	MOTOR SPEED	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
J801X126DU5SAAA 122,000 BTU/Hr	Bottom or Side	5 - High*	2,310	2,255	2,205	2,155	2,125	2,080	2,045	2,020
		4 - Medium High**	2,005	1,955	1,905	1,855	1,810	1,770	1,720	1,670
		3 - Med-Low	1,815	1,760	1,685	1,635	1,610	1,555	1,500	1,450
		2 - Alternate	1,630	1,570	1,500	1,445	1,400	1,345	1,305	1,240
		1 - Low***	1,065	960	875	795	705	600	540	465
	2 Openings	5 - High*	2,340	2,290	2,240	2,185	2,140	2,085	2,040	2,015
		4 - Medium High**	2,030	1,975	1,930	1,875	1,830	1,790	1,750	1,710
		3 - Med-Low	1,815	1,765	1,715	1,665	1,605	1,575	1,520	1,475
		2 - Alternate	1,635	1,575	1,515	1,465	1,415	1,365	1,315	1,275
		1 - Low***	1,060	960	880	795	705	615	560	475

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X054AD3SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	MOTOR SPEED	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
J801X054AD3SAAA 52,000 BTU/Hr	5 - High*										
	4 - Medium High										
	3 - Alternate										
	2 - Med-Low**	910	42	880	44	855	45	820	47	775	50
	1 - Low***	855	45	825	47	795	48	760	51	725	53

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	MOTOR SPEED	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
J801X054AD3SAAA 52,000 BTU/Hr	5 - High*	1,305	1,275	1,245	1,215	1,190	1,160	1,130	1,100
	4 - Medium High	1,180	1,150	1,120	1,090	1,060	1,025	1,000	970
	3 - Alternate	1,045	1,015	980	950	920	890	855	815
	2 - Med-Low**	910	880	855	820	775	740	700	660
	1 - Low***	855	825	795	760	725	685	640	605

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X072BD4SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	MOTOR SPEED	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
J801X072BD4SAAA 75,000 BTU/Hr	5 - High*										
	4 - Alternate										
	3 - Medium High										
	2 - Med-Low**	1,215	46	1,175	47	1,120	50	1,080	51	1,035	54
	1 - Low***										

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	MOTOR SPEED	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
J801X072BD4SAAA 75,000 BTU/Hr	5 - High*	1,780	1,740	1,700	1,665	1,620	1,580	1,540	1,500
	4 - Alternate	1,620	1,570	1,530	1,490	1,460	1,410	1,375	1,330
	3 - Medium High	1,340	1,295	1,260	1,220	1,175	1,130	1,085	1,055
	2 - Med-Low**	1,215	1,175	1,120	1,080	1,035	990	950	905
	1 - Low***	965	905	850	805	775	725	680	630

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X090BD4SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)										
MODEL NAME/ HEATING INPUT	MOTOR SPEED	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
J801X090BD4SAAA 90,000 BTU/Hr	5 - High*										
	4 - Medium High**	1,340	50	1,295	51	1,260	53	1,220	55	1,175	57
	3 - Med-Low	1,215	55	1,175	57	1,120	60	1,080	62		
	2 - Alternate										
	1 - Low***										

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	MOTOR SPEED	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
J801X090BD4SAAA 90,000 BTU/Hr	5 - High*	1,620	1,570	1,530	1,490	1,460	1,410	1,375	1,330
	4 - Medium High**	1,340	1,295	1,260	1,220	1,175	1,130	1,085	1,055
	3 - Med-Low	1,215	1,175	1,120	1,080	1,035	990	950	905
	2 - Alternate	1,120	1,075	1,005	965	925	875	840	785
	1 - Low***	805	730	690	640	625	570	520	470

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

J801X108CD5SAAA (WITH 5-SPEED ECM MOTOR)

HEATING AIRFLOW (CFM) & TEMPERATURE RISE (°F)											
MODEL NAME/ HEATING INPUT	MOTOR SPEED	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
J801X108CD5SAAA 108,000 BTU/Hr	5 - High*										
	4 - Alternate										
	3 - Medium High**	1,765	45	1,725	46	1,670	48	1,615	50	1,580	51
	2 - Med-Low	1,535	52	1,485	54	1,425	56	1,365	59	1,300	62
	1 - Low***	1,270	63	1,210	66	1,145	70	1,075	74	1,005	80

COOLING AIRFLOW (CFM)									
MODEL NAME/ HEATING INPUT	MOTOR SPEED	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
J801X108CD5SAAA 108,000 BTU/Hr	5 - High*	2,275	2,230	2,200	2,160	2,125	2,080	2,040	1,990
	4 - Alternate	1,935	1,900	1,860	1,820	1,770	1,730	1,685	1,645
	3 - Medium High**	1,765	1,725	1,670	1,615	1,580	1,530	1,490	1,435
	2 - Med-Low	1,535	1,485	1,425	1,365	1,300	1,255	1,170	1,100
	1 - Low***	1,270	1,210	1,145	1,075	1,005	935	860	785

***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. Unit ships with (4) speeds pre-wired. Use of the fifth speed will require changing the appropriate wires at the motor connection. Consult the wiring diagram for more information.

* Factory Set Cool
** Factory Set Heat
*** Factory Set Circulation

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