



AN035NSEDAV/AA, Light Commercial ERV

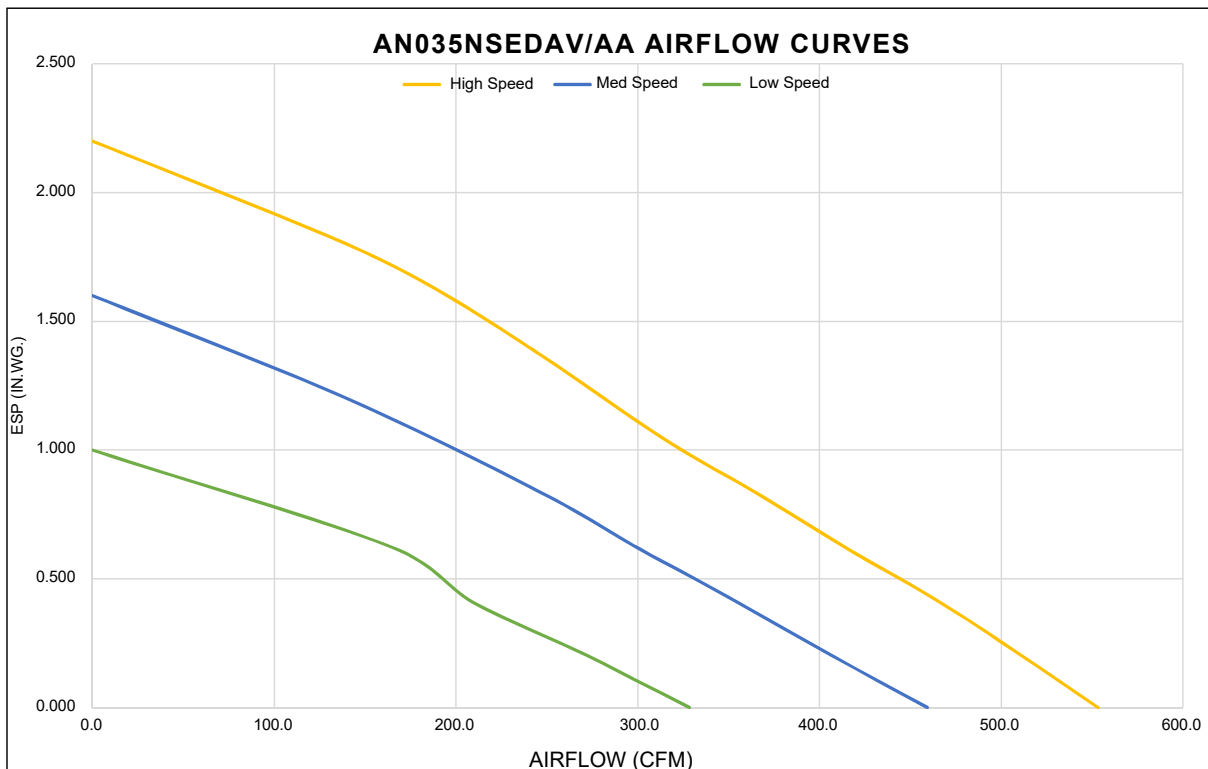
Airflow Data

AN035NSEDAV/AA - Supply									
High Speed									
IP		Volts	Unit		Per fan		SI		
E.S.P (In wg)	Airflow (CFM)		Amps	Power (W)	Amps	Power (W)	E.S.P (Pa)	Airflow (m³/h)	Airflow (L/s)
0.000	553.4	120	4.17	500.0	2.08	250.0	0	940.3	261.2
0.209	509.6	120	4.17	500.0	2.08	250.0	52	865.8	240.5
0.415	465.0	120	4.17	500.0	2.08	250.0	104	790.0	219.4
0.614	416.2	120	4.17	500.0	2.08	250.0	153	707.2	196.4
0.825	367.2	120	4.17	500.0	2.08	250.0	206	623.8	173.3
1.033	316.6	120	4.17	500.0	2.08	250.0	258	537.9	149.4
1.243	272.9	120	4.17	500.0	2.08	250.0	311	463.6	128.8
1.400	240.0	120	4.17	500.0	2.08	250.0	350	407.8	113.3
1.600	195.0	120	4.17	500.0	2.08	250.0	400	331.3	92.0
1.800	140.0	120	4.17	500.0	2.08	250.0	450	237.9	66.1
2.200	0.0	120	4.17	500.0	2.08	250.0	550	0.0	0.0

Med Speed									
IP		Volts	Unit		Per fan		SI		
E.S.P (In wg)	Airflow (CFM)		Amps	Power (W)	Amps	Power (W)	E.S.P (Pa)	Airflow (m³/h)	Airflow (L/s)
0.000	459.3	120	3.50	420.0	1.75	210.0	0	780.4	216.8
0.205	405.9	120	3.50	420.0	1.75	210.0	51	689.6	191.6
0.423	351.4	120	3.50	420.0	1.75	210.0	106	597.1	165.9
0.617	300.8	120	3.50	420.0	1.75	210.0	154	511.0	141.9
0.835	246.7	120	3.50	420.0	1.75	210.0	209	419.1	116.4
1.200	140.0	120	3.50	420.0	1.75	210.0	300	237.9	66.1
1.600	0.0	120	3.50	420.0	1.75	210.0	400	0.0	0.0

Low Speed									
IP		Volts	Unit		Per fan		SI		
E.S.P (In wg)	Airflow (CFM)		Amps	Power (W)	Amps	Power (W)	E.S.P (Pa)	Airflow (m³/h)	Airflow (L/s)
0.000	328.4	120	2.33	280.0	1.17	140.0	0	557.9	155.0
0.208	270.4	120	2.33	280.0	1.17	140.0	52	459.4	127.6
0.411	208.7	120	2.33	280.0	1.17	140.0	103	354.6	98.5
0.623	164.7	120	2.33	280.0	1.17	140.0	156	279.8	77.7
1.000	0.0	120	2.33	280.0	1.17	140.0	250	0.0	0.0

Data highlighted in orange is not measured but estimated



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AN075NSEDAV/AA, Light Commercial ERV

Airflow Data

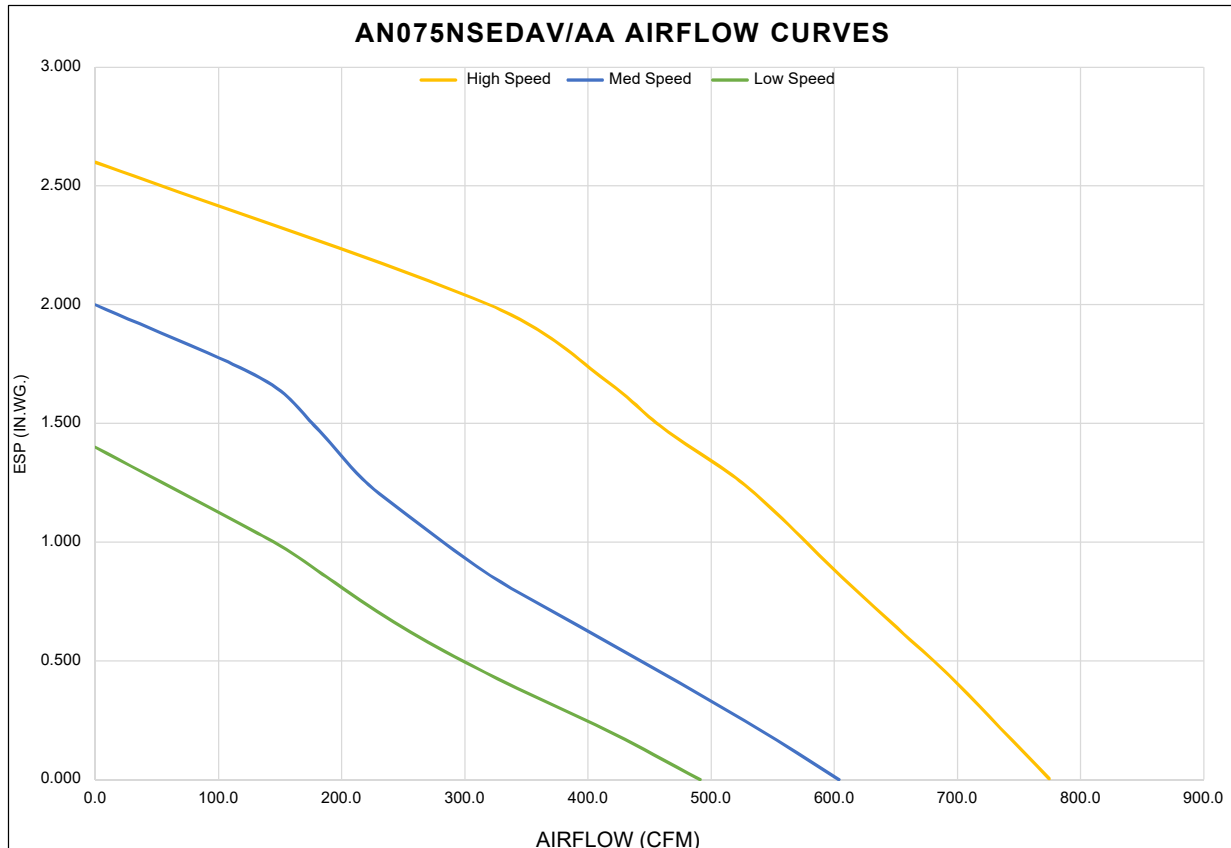
AN075NSEDAV/AA - Supply/Exhaust									
High Speed									
IP		Volts	Unit		Per fan		SI		
E.S.P (In wg)	Airflow (CFM)		Amps	Power (W)	Amps	Power (W)	E.S.P (Pa)	Airflow (m³/h)	Airflow (L/s)
0.004	774.4	120	5.92	710.0	2.96	355.0	1	1315.7	365.5
0.217	734.9	120	5.92	710.0	2.96	355.0	54	1248.5	346.8
0.441	692.9	120	5.92	710.0	2.96	355.0	110	1177.2	327.0
0.641	650.7	120	5.92	710.0	2.96	355.0	160	1105.5	307.1
0.879	600.9	120	5.92	710.0	2.96	355.0	220	1021.0	283.6
1.099	557.6	120	5.92	710.0	2.96	355.0	275	947.4	263.2
1.270	520.2	120	5.92	710.0	2.96	355.0	318	883.8	245.5
1.477	461.7	120	5.92	710.0	2.96	355.0	369	784.4	217.9
1.691	411.8	120	5.92	710.0	2.96	355.0	423	699.7	194.4
2.000	320.0	120	5.92	710.0	2.96	355.0	500	543.7	151.0
2.600	0.0	120	5.92	710.0	2.96	355.0	650	0.0	0.0

Med Speed									
IP		Volts	Unit		Per fan		SI		
E.S.P (In wg)	Airflow (CFM)		Amps	Power (W)	Amps	Power (W)	E.S.P (Pa)	Airflow (m³/h)	Airflow (L/s)
0.000	603.9	120	3.75	450.0	1.88	225.0	0	1026.0	285.0
0.223	535.6	120	3.75	450.0	1.88	225.0	56	910.0	252.8
0.445	461.4	120	3.75	450.0	1.88	225.0	111	783.8	217.7
0.652	391.1	120	3.75	450.0	1.88	225.0	163	664.5	184.6
0.860	320.6	120	3.75	450.0	1.88	225.0	215	544.7	151.3
1.102	256.3	120	3.75	450.0	1.88	225.0	276	435.5	121.0
1.266	217.0	120	3.75	450.0	1.88	225.0	316	368.7	102.4
1.491	177.9	120	3.75	450.0	1.88	225.0	373	302.2	83.9
1.689	135.0	120	3.75	450.0	1.88	225.0	422	229.4	63.7
2.000	0.0	120	3.75	450.0	1.88	225.0	500	0.0	0.0

Low Speed									
IP		Volts	Unit		Per fan		SI		
E.S.P (In wg)	Airflow (CFM)		Amps	Power (W)	Amps	Power (W)	E.S.P (Pa)	Airflow (m³/h)	Airflow (L/s)
0.000	491.1	120	2.83	340.0	1.42	170.0	0	834.4	231.8
0.210	414.4	120	2.83	340.0	1.42	170.0	53	704.0	195.6
0.425	326.6	120	2.83	340.0	1.42	170.0	106	554.8	154.1
0.642	249.1	120	2.83	340.0	1.42	170.0	160	423.2	117.6
0.865	184.3	120	2.83	340.0	1.42	170.0	216	313.1	87.0
1.000	145.0	120	2.83	340.0	1.42	170.0	250	246.4	68.4
1.400	0.0	120	2.83	340.0	1.42	170.0	350	0.0	0.0

Data highlighted in orange is not measured but estimated

NOTE: Supply was a bit higher than exhaust so high speed is a value in between the two Airflow data +40CFM from actual reading for Low speed and +25CFM from actual reading for Med speed due to register change



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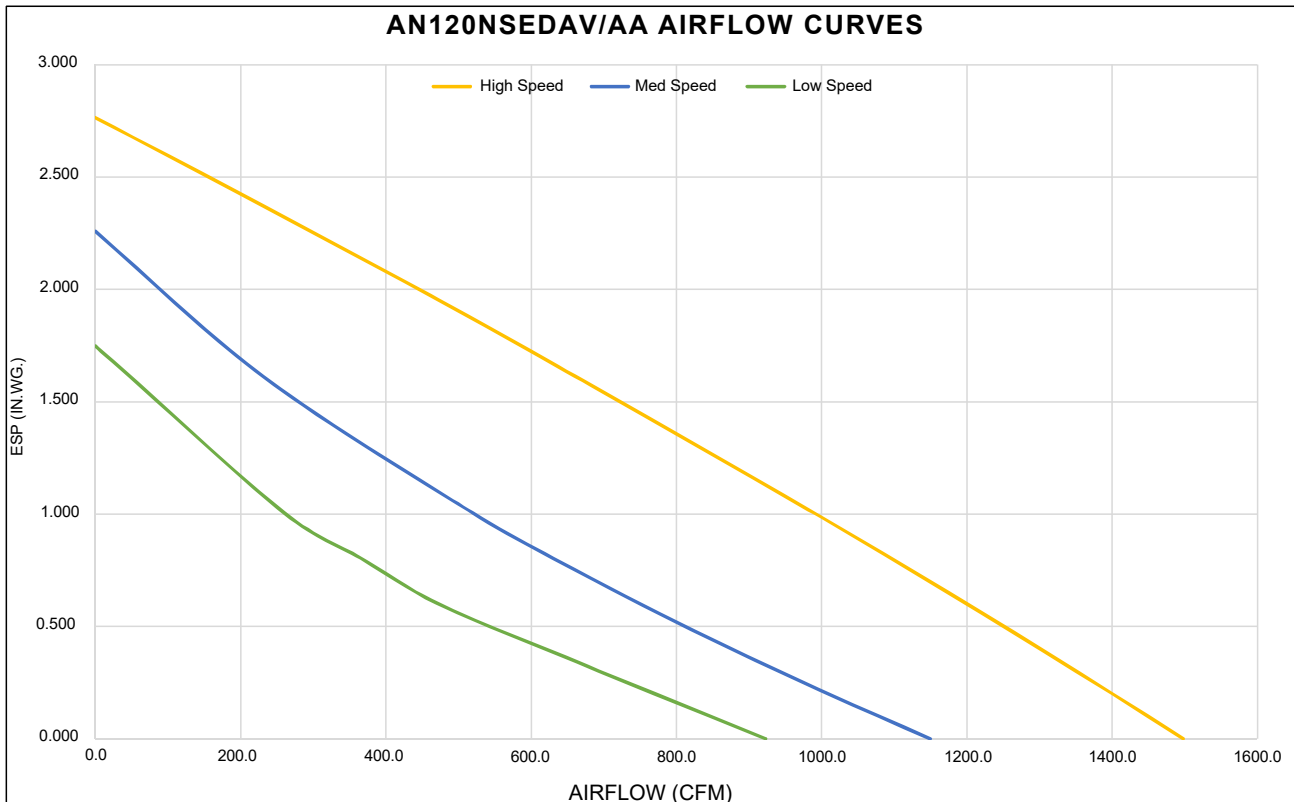
AN120NSEDAV/AA, Light Commercial ERV

Airflow Data

AN120NSEDAV/AA - Supply/Exhaust									
High Speed									
IP		Volts	Unit		Per fan		SI		
E.S.P (In wg)	Airflow (CFM)		Amps	Power (W)	Amps	Power (W)	E.S.P (Pa)	Airflow (m³/h)	Airflow (L/s)
0.000	1497.9	120	10.8	1300.0	5.4	650	0	2545.0	706.9
0.201	1399.6	120	10.8	1300.0	5.4	650	50	2378.0	660.6
0.402	1299.6	120	10.8	1300.0	5.4	650	100	2208.0	613.3
0.603	1198.3	120	10.8	1300.0	5.4	650	150	2036.0	565.6
0.804	1094.8	120	10.8	1300.0	5.4	650	200	1860.0	516.7
1.005	990.0	120	10.8	1300.0	5.4	650	250	1682.0	467.2
1.708	609.2	120	10.8	1300.0	5.4	650	425	1035.0	287.5
2.009	440.3	120	10.8	1300.0	5.4	650	500	748.0	207.8
2.411	208.4	120	10.8	1300.0	5.4	650	600	354.0	98.3
2.765	0.0	120	10.8	1300.0	5.4	650	688	0.0	0.0

Med Speed									
IP		Volts	Unit		Per fan		SI		
E.S.P (In wg)	Airflow (CFM)		Amps	Power (W)	Amps	Power (W)	E.S.P (Pa)	Airflow (m³/h)	Airflow (L/s)
0.000	1149.5	120	8.00	960.0	4.00	480	0	1953.0	542.5
0.201	1008.2	120	8.00	960.0	4.00	480	50	1713.0	475.8
0.402	874.6	120	8.00	960.0	4.00	480	100	1486.0	412.8
0.603	748.7	120	8.00	960.0	4.00	480	150	1272.0	353.3
0.804	630.4	120	8.00	960.0	4.00	480	200	1071.0	297.5
1.005	519.7	120	8.00	960.0	4.00	480	250	883.0	245.3
1.607	233.1	120	8.00	960.0	4.00	480	400	396.0	110.0
2.258	0.0	120	8.00	960.0	4.00	480	562	0.0	0.0

Low Speed									
IP		Volts	Unit		Per fan		SI		
E.S.P (In wg)	Airflow (CFM)		Amps	Power (W)	Amps	Power (W)	E.S.P (Pa)	Airflow (m³/h)	Airflow (L/s)
0.000	922.9	120	5.93	711.6	2.97	356	0	1568.0	435.6
0.201	769.3	120	5.93	711.6	2.97	356	50	1307.0	363.1
0.402	617.4	120	5.93	711.6	2.97	356	100	1049.0	291.4
0.603	470.3	120	5.93	711.6	2.97	356	150	799.0	221.9
0.804	365.5	120	5.93	711.6	2.97	356	200	621.0	172.5
1.005	260.2	120	5.93	711.6	2.97	356	250	442.0	122.8
1.607	49.4	120	5.93	711.6	2.97	356	400	84.0	23.3
1.748	0.0	120	5.93	711.6	2.97	356	435	0.0	0.0



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