



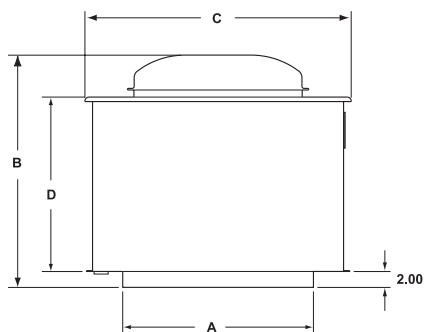
Belt Drive Centrifugal Roof/Wall Exhauster

Models USNURF and USNURG Restaurant Exhausters

USNUHP and USNUXP High Pressure Exhausters



Models USNURF and USNURG (restaurant exhauster) are belt drive upblast centrifugal exhausters. Capacities up to 33,374 CFM and up to 3 inch static pressure. Models USNUHP and USNUXP are high pressure exhausters for applications up to 5 inch static pressure. The USNURF is a clean air ventilator designed for high velocity vertical discharge. Model USNURG is ideally suited for removal of grease laden exhaust found in restaurant and commercial kitchen applications. Other applications include a wide range of commercial, industrial, and institutional facilities such as schools, hospitals, prisons, and assembly areas.



DIMENSIONS

Fan Model	A	B	C	D	Roof Opening*	Damper Model	Roof Curb	
							RF	RG
USNUXP080	24.00	26.35	33.66	22.09	19.5 x 19.5	AR18	C22.5	CR22.5
USNUHP100	24.00	26.35	33.66	22.09	19.5 x 19.5	AR18	C22.5	CR22.5
USNU120	24.00	27.37	33.50	22.13	19.5 x 19.5	AR18	C22.5	CR22.5
USNU135	24.00	27.37	33.50	22.13	19.5 x 19.5	AR18	C22.5	CR22.5
USNU150	28.00	25.92	38.00	22.46	23.5 x 23.5	AR22	C26.5	CR26.5
USNUHP165	28.00	25.92	38.00	22.46	23.5 x 23.5	AR22	C26.5	CR26.5
USNUXP165	28.00	25.92	38.00	22.46	23.5 x 23.5	AR22	C26.5	CR26.5
USNU165	28.00	25.92	38.00	22.46	23.5 x 23.5	AR22	C26.5	CR26.5
USNU185	28.00	31.56	39.75	28.73	23.5 x 23.5	AR22	C26.5	CR26.5
USNU200	28.00	31.56	39.75	28.73	23.5 x 23.5	AR22	C26.5	CR26.5
USNUHP245	34.00	40.66	44.67	31.42	29.5 x 29.5	AR28	C32.5	CR32.5
USNUXP245	34.00	40.66	44.67	31.42	29.5 x 29.5	AR28	C32.5	CR32.5
USNU245	34.00	36.25	44.75	31.50	29.5 x 29.5	AR28	C32.5	CR32.5
USNUHP300	40.00	40.41	55.29	34.15	35.5 x 35.5	ARH34	C38.5	CR38.5
USNUXP300	40.00	40.41	55.29	34.15	35.5 x 35.5	ARH34	C38.5	CR38.5
USNU300	40.00	42.50	55.38	34.25	35.5 x 35.5	ARH34	C38.5	CR38.5
USNUHP365	46.00	44.10	65.75	41.00	41.5 x 41.5	ARH40	C44.5	CR44.5
USNUXP365	46.00	44.10	65.75	41.00	41.5 x 41.5	ARH40	C44.5	CR44.5
USNU365	46.00	46.00	66.00	41.25	41.5 x 41.5	ARH40	C44.5	CR44.5
USNU425	60.00	53.50	79.75	49.75	55.5 x 55.5	ARH54	C58.5	CR58.5
USNU490	60.00	58.00	79.75	52.10	55.5 x 55.5	ARH54	C58.5	CR58.5

Dimensions are shown in inches.

*Recommended maximum.



U.S. Fan International® certifies that the models shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Construction Features

Housing

- Windband constructed of heavy gauge aluminum with rolled bead for strength
- Sealed windband perimeter to prevent leakage
- Wheel and drive assembly supported by rugged galvanized steel frame
- Quick release latches allow easy removal of motor compartment cover without special tools

Centrifugal Wheel

- Aluminum construction backward curved blade
- Non-overloading design for safe operation
- Wheel optimally matched with die-formed orifice
- Precision balanced for smooth vibration free operation



Bearings

- Permanently lubricated in a duplex split pillow block housing
- Bearings are resiliently mounted in neoprene rings
- Rated at L₅₀ life of 200,000 hours
- **5 year** limited warranty on duplex split pillow block bearings

Drive Assembly

- Cast iron drives sized for 150% of drive horsepower
- Static free, oil and heat resistant belts

Motors

- Continuous duty motors located outside the airstream
- Large breather tube directs outside air into the motor compartment resulting in maximum life
- Motor compartment cooled by fins located on top of impeller

Options/Accessories

- Roof Curbs
- Dampers
- Coatings
- Wall Bracket (USNU080-245)
- Grease Trough
- Curb Hinge

Fast Ship Program	Next Day	10 Day
USNU120RF-245 ODP	•	•
USNU120RG-365 ODP	•	•
USNU120RF-245 TE	•	•
USNU120RG-245 TE	•	•

Consult factory for specific motor availability.



Model USNURF is Listed for Electrical (UL/C-UL 705) File No. E39982.
Model USNURG is Listed for (UL 762) File No. MH11542.



CSA Certified

Consult your U.S. Fan representative for availability.

USNUXP080

PERFORMANCE DATA																				
RPM	CFM and Sones vs. Static Pressure																			
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
1324	330		271		211		117						Fan Model		HP	RPM Range	Est. Unit Wt.		Est. Ship Wt.	
	0.05	5.0	0.06	4.7	0.06	4.7	0.06	4.9			lbs.	lbs.								
1633	407		360		310		262		190				USNUXP080E1		1/4	1324 - 1673	84		120	
	0.09	7.0	0.10	6.7	0.11	6.4	0.11	6.1	0.12	6.7			USNUXP080E2		1/4	1633 - 2110	84		120	
1673	417		371		322		277		211				USNUXP080E3		1/4	2130 - 2598	84		120	
													USNUXP080F		1/3	2333 - 2877	87		123	
	0.10	7.3	0.11	7.1	0.12	6.7	0.12	6.5	0.12	7.0			USNUXP080G		1/2	2833 - 3293	94		130	
2110	526		488		452		413		377		339		289		225					
	0.20	11.4	0.21	11.2	0.22	10.7	0.23	10.3	0.24	10.2	0.25	10.5	0.25	10.8	0.25	11.1				
2130	531		493		458		419		384		347		299		236		155			
	0.21	11.5	0.22	11.4	0.23	10.9	0.24	10.5	0.25	10.4	0.25	10.6	0.26	10.9	0.26	11.3	0.24	11.7		
2333	582		546		516		480		445		414		380		338		281		224	
	0.27	13.2	0.28	13.1	0.30	12.5	0.31	12.2	0.32	11.9	0.33	11.9	0.33	12.2	0.34	12.5	0.34	12.9	0.33	13.3
2598	648		614		588		558		526		495		467		439		403		360	
	0.37	15.5	0.39	15.5	0.40	14.9	0.42	14.6	0.43	14.0	0.44	13.6	0.45	14.0	0.46	14.3	0.46	14.7	0.47	15.2
2833	707		674		650		625		596		567		538		512		487		456	
	0.49	17.7	0.50	17.6	0.52	17.0	0.53	16.8	0.54	16.0	0.56	15.3	0.57	15.7	0.58	16.0	0.59	16.3	0.60	17.0
2840	709		675		652		627		598		569		540		514		489		459	
	0.49	17.7	0.50	17.7	0.52	17.1	0.54	16.9	0.55	16.1	0.56	15.4	0.57	15.7	0.58	16.0	0.59	16.4	0.60	17.0
2877	718		685		662		637		609		580		552		526		501		473	
	0.51	18.1	0.52	18.1	0.54	17.4	0.56	17.2	0.57	16.4	0.58	15.7	0.59	16.0	0.61	16.3	0.62	16.7	0.62	17.0
3293	822		791		770		750		727		703		678		653		628		605	
	0.76	23	0.77	23	0.79	22	0.82	22	0.83	20	0.85	19.2	0.86	19.4	0.88	19.7	0.89	20	0.91	20
3378	843		813		792		772		751		727		703		678		654		631	
	0.82	24	0.83	24	0.85	23	0.88	23	0.90	21	0.91	20	0.93	20	0.94	21	0.96	21	0.97	21

RPM	CFM and Sones vs. Static Pressure																					
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"		5.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
2598	309		258		177																	
	0.47	15.4	0.46	15.8	0.44	16.2																
2833	423		379		332		285		224													
	0.60	17.1	0.61	17.4	0.61	17.8	0.60	18.1	0.58	18.5												
2840	425		382		335		288		232													
	0.61	17.1	0.61	17.5	0.61	17.8	0.60	18.2	0.59	18.5												
2877	439		401		354		308		262													
	0.63	17.4	0.63	17.7	0.64	18.1	0.63	18.4	0.62	19.1												
3293	583		562		535		506		475		435		394		354		313		251			
	0.92	21	0.93	21	0.94	21	0.94	22	0.95	22	0.95	22	0.95	23	0.94	23	0.93	23	0.91	24		
3378	610		588		566		538		510		477		437		398		358		319		257	
	0.98	22	1.00	22	1.01	22	1.01	22	1.02	23	1.03	23	1.03	23	1.03	24	1.02	24	1.01	25	0.98	25

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNUHP100

RPM	PERFORMANCE DATA																			
	CFM and Sones vs. Static Pressure																			
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	
942	500		359												Fan Model	HP	RPM Range	Est. Unit Wt.	Est. Ship Wt.	
	0.02	3.6	0.03	2.8																
1211	642		543		404										USNUHP100E1	1/4	942 - 1211	84	120	
	0.05	5.6	0.06	5.2	0.07	4.7														
1225	650		552		417										USNUHP100E3	1/4	1531 - 1922	84	120	
	0.05	5.7	0.06	5.3	0.07	4.8														
1531	812		738		651		538		383						USNUHP100F	1/3	1633 - 2128	87	123	
	0.09	8.1	0.11	7.7	0.12	7.3	0.13	7.0	0.13	7.3										
1561	828		755		671		564		422						USNUHP100H	3/4	2288 - 2798	101	137	
	0.10	8.4	0.11	7.9	0.13	7.6	0.14	7.1	0.14	7.5										
1633	866		797		717		623		496											
	0.11	9.1	0.13	8.6	0.14	8.2	0.16	7.8	0.16	7.7										
1922	1020		960		898		828		746		645		528							
	0.18	12.3	0.20	11.7	0.22	10.9	0.24	10.4	0.25	10.1	0.26	10.0	0.26	10.4						
1983	1052		995		935		867		791		700		590		448					
	0.20	13.0	0.22	12.5	0.24	11.7	0.26	11.2	0.27	10.8	0.28	10.7	0.29	10.7	0.29	11.5				
2128	1129		1075		1022		959		894		819		727		623		490			
	0.25	14.4	0.27	14.3	0.29	14.1	0.31	13.7	0.33	12.2	0.34	11.9	0.35	11.3	0.36	12.4	0.35	12.8		
2288	1214		1164		1114		1059		1000		935		865		776		679		563	
	0.31	15.9	0.33	15.5	0.35	14.9	0.37	14.3	0.40	14.3	0.41	13.6	0.43	12.1	0.44	13.7	0.44	14.1	0.44	14.1
2436	1292		1246		1199		1149		1094		1039		974		907		821		730	
	0.37	17.4	0.39	17.0	0.42	16.5	0.44	16.0	0.47	16.4	0.49	15.4	0.50	14.9	0.52	15.0	0.53	15.3	0.53	15.6
2798	1484		1444		1403		1362		1318		1270		1222		1171		1114		1057	
	0.56	21	0.59	21	0.62	21	0.64	20	0.67	22	0.70	21	0.72	19.1	0.75	18.5	0.77	18.7	0.78	19.0

RPM	CFM and Sones vs. Static Pressure																					
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"		5.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
2436	626																					
	0.53	16.1																				
2798	984		909		828		742															
	0.80	19.3	0.81	19.6	0.81	19.9	0.81	20														

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USNU120

PERFORMANCE DATA																				
RPM	CFM and Sones vs. Static Pressure																			
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
710	739														Fan Model	HP	RPM Range	Est. Unit Wt. lbs.	Est. Ship Wt. lbs.	
	0.02	4.4																		
908	945		638												USNU120E1	1/4	710 - 849	84	120	
	0.03	6.4	0.05	6.0																
1033	1075		815												USNU120E2	1/4	850 - 1033	84	120	
	0.05	8.0	0.07	7.6																
1167	1215		987												USNU120E3	1/4	908 - 1099	84	120	
	0.07	10.4	0.10	10.2																
1321	1375		1167		956										USNU120E4	1/4	1100 - 1321	84	120	
	0.11	10.6	0.13	9.6	0.15	8.9														
1415	1473		1275		1089										USNU120E5	1/4	1167 - 1369	84	120	
	0.13	12.0	0.16	11.0	0.18	10.3														
1544	1607		1420		1263		1062								USNU120E6	1/4	1370 - 1615	84	120	
	0.17	12.5	0.20	12.4	0.23	12.3	0.24	11.7												
1615	1681		1499		1354		1166		939						USNU120F1	1/3	1415 - 1600	87	123	
	0.19	13.6	0.22	13.4	0.26	13.4	0.28	12.9	0.28	12.6										
1787	1860		1689		1557		1408		1233						USNU120F2	1/3	1601 - 1787	87	123	
	0.26	15.4	0.29	14.8	0.33	14.4	0.36	14.8	0.38	16.4										
1878	1955		1792		1662		1529		1366		1197				USNU120G1	1/2	1544 - 1804	94	130	
	0.30	16.7	0.34	16.1	0.38	15.7	0.41	16.0	0.43	17.3	0.45	19.1								
2059	2144		1995		1868		1755		1620		1468				USNU120G2	1/2	1805 - 2059	94	130	
	0.40	17.6	0.44	17.2	0.48	16.9	0.52	16.8	0.56	17.2	0.57	17.0								
2305	2400		2267		2143		2042		1940		1815		1680		1543		1372			
	0.56	21	0.60	23	0.65	21	0.70	21	0.74	20	0.78	19.1	0.80	19.1	0.82	22	0.82	22		

USNU135

PERFORMANCE DATA																				
RPM	CFM and Sones vs. Static Pressure																			
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
795	1143		708												Fan Model	HP	RPM Range	Est. Unit	Est. Ship	
	0.04	8.2	0.06	6.8														lbs.	lbs.	
994	1429		1087												USNU135E1	1/4	795 - 999	84	120	
	0.08	9.4	0.09	8.2																
1122	1613		1308		997										USNU135E2	1/4	1000 - 1099	84	120	
	0.10	11.0	0.13	10.2	0.14	8.9														
1213	1743		1464		1184										USNU135E3	1/4	1000 - 1199	84	120	
	0.13	12.6	0.15	12.1	0.18	10.2														
1346	1934		1685		1432		1161								USNU135E4	1/4	1200 - 1400	84	120	
	0.17	14.1	0.20	13.6	0.23	12.5	0.24	11.3												
1400	2012		1774		1527		1275								USNU135F1	1/3	1122 - 1300	87	123	
	0.19	14.9	0.22	14.5	0.25	13.7	0.27	12.4												
1551	2229		2016		1788		1577		1333						USNU135F2	1/3	1275 - 1551	87	123	
	0.26	16.3	0.29	16.2	0.32	15.4	0.35	13.7	0.37	13.2										
1785	2565		2381		2187		1993		1810		1599		1320		USNU135G1	1/2	1346 - 1499	94	130	
	0.39	19.6	0.43	17.6	0.46	18.6	0.49	17.6	0.53	16.8	0.55	16.1	0.55	14.7						
2055	2953		2793		2630		2457		2291		2132		1957		1772		1507			
	0.58	25	0.63	21	0.67	23	0.71	22	0.75	21	0.79	19.5	0.82	18.9	0.83	18.3	0.83	18.3		

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USNU150

PERFORMANCE DATA																								
RPM	CFM and Sones vs. Static Pressure																							
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"		2.500"		3.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
833	1741		1376														Fan Model	HP	RPM Range	Est. Unit Wt.	Est. Ship Wt.			
	0.07	8.8	0.10	7.2																				
847	1770		1413														USNU150E	1/4	833 - 1129	99	176			
	0.07	9.2	0.10	7.5																				
1034	2161		1879		1544												USNU150F	1/3	833 - 1250	102	179			
	0.12	10.7	0.17	10.4	0.19	10.9																		
1129	2359		2107		1812		1464										USNU150G	1/2	1034 - 1432	109	186			
	0.16	13.2	0.21	13.0	0.24	14.4	0.26	13.7																
1250	2612		2384		2131		1843		1477								USNU150H	3/4	1286 - 1632	116	193			
	0.22	15.1	0.27	14.3	0.31	14.1	0.35	12.7	0.36	12.6														
1286	2688		2466		2222		1947		1631								USNU150J	1	1346 - 1795	128	205			
	0.24	15.8	0.29	15.0	0.34	14.8	0.37	13.5	0.39	12.9														
1346	2813		2601		2372		2117		1832								USNU150K	1 1/2	1615 - 2064	139	216			
	0.27	15.7	0.33	14.0	0.38	13.8	0.42	13.1	0.44	12.9														
1432	2993		2794		2583		2355		2095		1803													
	0.33	17.7	0.39	15.8	0.45	16.0	0.49	14.7	0.52	15.3	0.54	14.7												
1615	3375		3199		3022		2822		2613		2383		2132											
	0.47	21	0.54	19.6	0.61	18.5	0.66	19.4	0.71	18.3	0.74	19.1	0.77	17.9										
1632	3411		3236		3062		2864		2660		2432		2189											
	0.49	21	0.56	20	0.63	18.9	0.68	19.7	0.73	18.7	0.76	19.4	0.79	18.4										
1795	3751		3593		3434		3264		3083		2892		2685		2471		2219							
	0.65	23	0.73	23	0.81	22	0.87	22	0.93	22	0.98	21	1.02	19.8	1.05	19.1	1.07	18.3						
2064	4314		4176		4038		3900		3748		3590		3433		3256		3075		2895		2682			
	0.99	30	1.08	31	1.17	28	1.26	27	1.33	27	1.39	27	1.45	26	1.50	26	1.55	25	1.59	24	1.62	23		

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhauster motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNUHP165

RPM	PERFORMANCE DATA																		
	CFM and Sones vs. Static Pressure																		
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"
BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
792	1102		910		557										Fan Model	HP	RPM Range	Est. Unit Wt. lbs.	Est. Ship Wt. lbs.
	0.05	6.9	0.07	4.6	0.08	4.2													
899	1251		1085		900										USNUHP165E1	1/4	792 - 1099	99	176
	0.07	8.2	0.09	5.1	0.11	5.4								USNUHP165E2	1/4	899 - 1233	99	176	
950	1322		1167		993										USNUHP165F	1/3	950 - 1382	102	179
	0.08	8.8	0.11	6.0	0.13	6.1								USNUHP165G	1/2	1108 - 1573	109	186	
1099	1529		1397		1251		1099								USNUHP165H	3/4	1279 - 1779	116	193
	0.12	10.7	0.15	8.4	0.18	7.3	0.20	7.8						USNUHP165J	1	1330 - 1958	128	205	
1108	1541		1411		1266		1115		655						USNUHP165K	1 1/2	1583 - 2241	139	216
	0.12	10.8	0.15	8.0	0.18	7.4	0.20	8.0	0.19	7.9									
1233	1715		1598		1473		1339		1198		372								
	0.16	12.4	0.20	10.4	0.23	9.0	0.26	9.2	0.28	9.6	0.19	10.3							
1279	1779		1666		1547		1419		1287		1011								
	0.18	13.0	0.22	9.4	0.25	11.0	0.29	11.7	0.31	11.9	0.31	11.7							
1330	1850		1742		1629		1506		1380		1191								
	0.20	13.7	0.24	12.0	0.28	10.2	0.31	10.1	0.34	10.9	0.35	10.9							
1382	1923		1818		1711		1593		1473		1350		1015						
	0.22	14.4	0.26	12.8	0.31	11.3	0.34	10.9	0.37	11.5	0.40	11.7	0.39	11.3					
1573	2188		2096		2005		1905		1801		1696		1588		1408				
	0.32	17.0	0.37	15.9	0.42	14.7	0.46	13.7	0.50	13.7	0.54	14.3	0.57	14.7	0.58	14.7			
1583	2202		2111		2020		1921		1818		1713		1606		1438				
	0.32	17.1	0.37	15.2	0.43	14.2	0.47	13.9	0.51	13.9	0.55	14.4	0.57	14.9	0.59	14.9			
1779	2475		2394		2312		2231		2140		2048		1955		1860		1765		1582
	0.45	20	0.51	19.2	0.57	18.3	0.62	17.6	0.67	17.1	0.72	17.1	0.76	17.5	0.79	18.1	0.82	18.2	0.83
1958	2724		2650		2576		2503		2426		2342		2258		2175		2089		2002
	0.60	23	0.66	23	0.73	23	0.79	23	0.85	23	0.90	24	0.95	25	1.00	26	1.04	28	1.07
2241	3117		3053		2989		2924		2860		2794		2721		2648		2575		2502
	0.89	27	0.96	26	1.03	26	1.11	26	1.18	25	1.25	24	1.30	24	1.36	24	1.42	24	1.48

RPM	CFM and Sones vs. Static Pressure																					
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"		5.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
1779	1285																					
	0.81	18.3																				
1958	1916		1722		1452																	
	1.10	24	1.10	23	1.08	23																
2241	2427		2351		2276		2200		2041		1868											
	1.52	25	1.56	26	1.60	26	1.64	26	1.65	25	1.65	26										

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.



USNUXP165

PERFORMANCE DATA																				
RPM	CFM and Sones vs. Static Pressure																			
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
950	527		453		365										Fan Model	HP	RPM Range	Est. Unit Wt. lbs.	Est. Ship Wt. lbs.	
	0.04	5.3	0.06	4.8	0.06	5.1														
1039	576		508		434		349								USNUXP165E1	1/4	950 - 1355	99	176	
	0.05	6.0	0.07	5.1	0.08	4.9	0.09	5.5							USNUXP165E2	1/4	1039 - 1524	99	176	
1188	659		600		540		466		394						USNUXP165F	1/3	1188 - 1707	102	179	
	0.08	7.3	0.10	6.5	0.12	6.2	0.13	6.3	0.13	6.8					USNUXP165G	1/2	1330 - 1943	109	186	
1330	737		685		631		575		505		442				USNUXP165H	3/4	1583 - 2197	116	193	
	0.12	8.6	0.14	7.9	0.15	7.5	0.17	7.5	0.18	7.6	0.18	8.0			USNUXP165J	1	1663 - 2419	128	205	
1355	751		700		647		594		525		462				USNUXP165K	1 1/2	2217 - 2769	139	216	
	0.12	8.9	0.14	7.7	0.16	7.7	0.18	7.7	0.19	7.9	0.19	8.3								
1524	845		799		753		706		656		594		538							
	0.17	10.9	0.20	10.1	0.22	9.6	0.24	9.3	0.25	9.3	0.27	9.5	0.27	9.8						
1583	878		833		789		744		699		640		584		530					
	0.19	11.6	0.22	10.8	0.24	10.3	0.26	10.1	0.28	10.3	0.29	10.4	0.30	10.5	0.30	10.8				
1663	922		880		838		795		752		702		645		594		525			
	0.22	12.5	0.25	11.8	0.28	11.2	0.30	10.9	0.32	10.8	0.33	10.8	0.35	11.0	0.35	11.3	0.35	11.7		
1707	946		905		864		823		781		735		680		628		579			
	0.24	13.1	0.27	12.4	0.30	11.8	0.32	11.3	0.34	11.2	0.36	11.2	0.37	11.3	0.38	11.6	0.38	12.1		
1943	1077		1041		1005		969		932		896		859		812		763		718	
	0.36	16.1	0.39	15.5	0.42	14.8	0.45	14.4	0.47	14.0	0.50	13.1	0.52	13.9	0.54	13.9	0.55	14.0	0.56	14.2
2197	1218		1186		1154		1122		1090		1058		1026		993		959		916	
	0.52	18.9	0.55	18.0	0.59	17.1	0.62	16.4	0.65	16.6	0.68	16.7	0.71	16.8	0.73	16.8	0.76	16.8	0.78	16.8
2217	1229		1198		1166		1134		1103		1071		1038		1006		974		931	
	0.53	19.1	0.57	18.6	0.60	18.1	0.64	17.7	0.67	17.4	0.70	17.2	0.72	17.1	0.75	17.1	0.78	17.1	0.79	17.1
2419	1341		1312		1283		1254		1225		1196		1167		1137		1108		1078	
	0.69	22	0.73	21	0.77	21	0.80	21	0.84	21	0.88	21	0.91	21	0.94	21	0.96	21	0.99	21
2769	1535		1510		1485		1459		1434		1409		1383		1358		1332		1306	
	1.04	26	1.08	26	1.12	25	1.17	25	1.21	25	1.25	24	1.30	24	1.33	24	1.36	29	1.40	24

RPM	CFM and Sones vs. Static Pressure																					
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"		5.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
1943	675																					
	0.56	14.6																				
2197	873		832		793		755		688													
	0.79	16.8	0.80	16.8	0.81	17.1	0.81	17.3	0.80	17.7												
2217	889		847		809		770		732													
	0.81	17.1	0.83	17.1	0.83	17.3	0.83	17.5	0.83	17.7												
2419	1044		1005		966		927		892		857		822		754							
	1.02	21	1.04	21	1.06	21	1.07	21	1.07	21	1.08	21	1.08	20	1.07	20						
2769	1280		1255		1229		1198		1164		1130		1096		1063		1032		1001		971	
	1.43	24	1.46	24	1.50	24	1.52	24	1.55	24	1.57	24	1.59	24	1.61	24	1.61	24	1.61	24	1.61	24

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNU165

PERFORMANCE DATA																										
RPM	CFM and Sones vs. Static Pressure																									
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"		2.500"		3.000"		3.500"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
593	1576		885																							
	0.05	5.3	0.07	4.3																						
673	1789		1232																							
	0.07	6.5	0.10	5.3																						
745	1980		1481																							
	0.09	7.4	0.12	6.1																						
833	2214		1768		1222																					
	0.13	10.8	0.16	9.8	0.18	9.8																				
846	2249		1809		1290																					
	0.14	11.4	0.17	10.4	0.19	10.5																				
980	2605		2223		1843		1205																			
	0.21	13.3	0.24	13.1	0.28	13.4	0.27	12.8																		
1042	2770		2409		2056		1611																			
	0.25	14.1	0.29	13.3	0.33	13.8	0.34	12.9																		
1075	2857		2507		2166		1782																			
	0.27	15.1	0.31	13.7	0.36	14.2	0.38	12.8																		
1154	3067		2739		2423		2092		1599																	
	0.33	15.9	0.38	14.9	0.42	15.0	0.46	14.4	0.45	14.3																
1227	3262		2951		2655		2351		1984																	
	0.40	17.0	0.45	16.5	0.49	16.2	0.54	15.6	0.56	16.0																
1346	3578		3293		3022		2749		2464		2084															
	0.52	18.4	0.58	19.0	0.63	18.4	0.68	18.5	0.73	19.4	0.73	19.2														
1408	3743		3470		3210		2951		2684		2401		1930													
	0.60	19.6	0.66	20	0.71	20	0.76	19.9	0.82	21	0.85	21	0.81	21												
1546	4109		3860		3621		3387		3148		2902		2644		2220											
	0.79	21	0.85	23	0.91	22	0.96	23	1.03	25	1.09	25	1.12	24	1.08	24										
1771	4708		4487		4277		4071		3866		3658		3448		3225		2989		2613							
	1.18	25	1.26	27	1.32	27	1.38	28	1.44	30	1.52	30	1.60	29	1.64	29	1.68	29	1.62	29						

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhauster motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNU185

PERFORMANCE DATA																										
RPM	CFM and Sones vs. Static Pressure																									
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"		2.500"		3.000"		3.500"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
522	1932		1125																							
	0.06	6.2	0.08	5.2																						
653	2417		1810																							
	0.12	9.0	0.15	8.1																						
711	2632		2074		1411																					
	0.15	9.1	0.19	8.8	0.20	7.7																				
784	2902		2409		1861																					
	0.21	11.1	0.24	11.1	0.27	9.9																				
847	3135		2695		2190		1566																			
	0.26	10.7	0.30	10.6	0.33	9.4	0.33	9.4																		
862	3191		2762		2267		1668																			
	0.27	11.0	0.32	10.9	0.35	9.8	0.35	9.8																		
949	3513		3146		2677		2220																			
	0.36	13.3	0.42	13.4	0.45	13.3	0.47	12.5																		
984	3643		3292		2836		2406		1849																	
	0.40	14.3	0.46	14.5	0.49	14.5	0.52	13.6	0.52	13.6																
1034	3828		3494		3060		2665		2185																	
	0.47	15.6	0.53	15.7	0.56	15.7	0.60	15.0	0.61	15.0																
1129	4179		3874		3499		3126		2740		2263															
	0.60	19.5	0.67	17.2	0.72	17.4	0.76	15.8	0.78	14.2	0.78	14.7														
1231	4557		4277		3960		3590		3266		2897		2440													
	0.78	18.5	0.85	18.3	0.91	17.3	0.95	16.5	1.00	15.8	1.02	15.0	1.01	14.1												
1246	4613		4335		4026		3657		3340		2977		2540													
	0.81	18.9	0.88	18.7	0.94	17.8	0.98	16.9	1.03	16.2	1.05	15.5	1.05	14.5												
1432	5301		5060		4819		4510		4193		3917		3613		3296		2888									
	1.22	23	1.31	22	1.39	22	1.44	21	1.49	21	1.54	21	1.58	22	1.61	20	1.59	19.8								
1443	5342		5103		4863		4560		4242		3968		3670		3355		2962									
	1.25	23	1.34	23	1.42	23	1.48	22	1.52	21	1.58	22	1.61	22	1.64	21	1.63	20								
1556	5760		5538		5316		5064		4762		4485		4231		3951		3659		3310		2925					
	1.57	29	1.66	26	1.75	25	1.82	24	1.87	23	1.93	22	1.98	23	2.02	21	2.05	21	2.05	18.5	2.02	18.5				
1811	6704		6513		6323		6132		5911		5651		5392		5171		4953		4719		4468		3916			
	2.47	37	2.57	37	2.68	35	2.78	35	2.87	34	2.92	31	2.98	30	3.05	31	3.11	30	3.17	28	3.20	26	3.23	26		

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNU200

PERFORMANCE DATA																								
RPM	CFM and Sones vs. Static Pressure																							
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"		2.750"		3.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
507	2243		1366														Fan Model	HP	RPM Range	Est. Unit Wt. lbs.	Est. Ship Wt. lbs.			
	0.06	5.9	0.10	5.6																				
547	2420		1638														USNU200E	1/4	507 - 752	132	232			
	0.08	6.7	0.12	6.5																				
614	2716		2036		811												USNU200F	1/3	547 - 828	134	234			
	0.11	7.6	0.16	7.3	0.13	7.6																		
714	3159		2583		1911												USNU200G	1/2	614 - 948	138	238			
	0.18	9.4	0.23	9.0	0.27	8.3																		
752	3327		2778		2172												USNU200H	3/4	714 - 1085	140	240			
	0.21	10.2	0.26	9.8	0.31	9.3																		
795	3517		2995		2454												USNU200J	1	795 - 1194	152	252			
	0.24	11.0	0.30	10.6	0.36	9.9																		
828	3663		3159		2648		1910										USNU200K	1 1/2	1000 - 1359	163	263			
	0.27	11.7	0.33	11.2	0.39	12.5	0.40	8.8																
948	4194		3746		3326		2841										USNU200L	2	1117 - 1496	174	274			
	0.41	13.9	0.47	14.0	0.55	14.1	0.61	11.4																
1000	4424		3997		3603		3161		2627								USNU200M	3	1278 - 1712	187	287			
	0.48	15.7	0.54	15.1	0.62	16.3	0.69	13.0	0.72	12.2														
1085	4800		4406		4038		3649		3216		2621													
	0.61	17.8	0.67	17.2	0.76	17.4	0.85	15.0	0.91	14.2	0.90	12.9												
1117	4941		4559		4199		3829		3428		2927													
	0.66	18.7	0.73	18.2	0.82	20	0.91	16.3	0.98	15.0	1.00	13.7												
1194	5282		4924		4582		4253		3878		3468		2924											
	0.81	21	0.88	21	0.97	23	1.08	18.1	1.15	16.6	1.21	15.2	1.20	15.3										
1278	5654		5319		4994		4687		4355		4005		3596		3046									
	0.99	23	1.07	24	1.16	26	1.27	21	1.36	18.3	1.45	17.7	1.49	17.5	1.47	17.3								
1359	6012		5698		5386		5097		804		4474		4139		3737		3186							
	1.19	25	1.27	26	1.36	26	1.48	23	1.59	21	1.68	20	1.77	20	1.80	19.3	1.76	21						
1496	6618		6332		6047		5778		5515		5242		4943		4643		4290		3902					
	1.58	29	1.67	28	1.77	26	1.89	26	2.02	25	2.14	25	2.24	25	2.33	25	2.38	24	2.40	24				
1712	7574		7324		7075		6825		6596		6366		6137		5881		5619		5357		4742		4360	
	2.36	35	2.47	34	2.58	32	2.68	32	2.83	31	2.98	30	3.13	30	3.25	30	3.36	29	3.47	28	3.58	29	3.57	29

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.



USNUHP245

RPM	PERFORMANCE DATA																		
	CFM and Sones vs. Static Pressure																		
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"
BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
457	1950		1451												Fan Model	HP	RPM Range	Est. Unit Wt.	Est. Ship Wt.
	0.06	4.7	0.10	3.0														lbs.	lbs.
554	2364		1981		1386										USNUHP245F	1/3	457 - 690	156	283
	0.11	6.6	0.16	4.6	0.19	4.9									USNUHP245G	1/2	554 - 790	158	285
639	2726		2406		2009		1237								USNUHP245H	3/4	639 - 908	164	291
	0.17	8.4	0.23	6.4	0.28	5.7	0.27	6.0							USNUHP245J	1	707 - 992	176	303
690	2944		2654		2306		1801								USNUHP245K	1 1/2	792 - 1141	187	314
	0.21	9.5	0.27	7.6	0.33	6.6	0.37	7.2							USNUHP245L	2	942 - 1218	198	325
707	3016		2733		2403		140								USNUHP245M	3	1089 - 1408	211	338
	0.22	9.9	0.29	8.0	0.35	6.9	0.39	8.4											
790	3370		3117		2835		2505		2023										
	0.31	11.5	0.39	9.8	0.46	8.7	0.52	8.1	0.55	8.9									
792	3379		3126		2845		2517		2040										
	0.31	11.5	0.39	10.6	0.46	9.6	0.52	8.4	0.55	9.4									
908	3874		3654		3424		3166		2867		2466								
	0.47	14.2	0.56	12.5	0.64	11.1	0.72	10.4	0.79	10.0	0.82	12.5							
942	4019		3807		3590		3341		3067		2741		2225						
	0.52	15.0	0.61	13.3	0.70	11.9	0.79	11.1	0.86	10.6	0.92	10.9	0.91	11.8					
992	4232		4031		3829		3596		3354		3068		2680		2145				
	0.61	16.3	0.70	14.6	0.80	13.1	0.89	12.2	0.97	11.6	1.04	11.5	1.07	12.3	1.06	13.1			
1089	4646		4462		4279		4080		3865		3635		3375		3038		2582		
	0.80	18.8	0.91	16.9	1.02	15.7	1.12	15.0	1.21	14.3	1.30	13.6	1.37	13.4	1.42	13.7	1.41	14.0	
1141	4868		4693		4517		4335		4130		3924		3682		3433		3058		2597
	0.92	20	1.03	18.9	1.15	17.5	1.25	16.4	1.35	15.9	1.45	15.1	1.53	14.6	1.61	14.6	1.63	15.0	1.61
1218	5197		5032		4868		4704		4516		4323		4125		3892		3660		3307
	1.12	22	1.24	22	1.36	21	1.48	19.1	1.59	18.7	1.69	18.0	1.80	17.1	1.88	16.6	1.96	16.6	1.98
1408	6007		5865		5723		5581		5439		5278		5111		4945		4772		4571
	1.73	28	1.86	27	2.00	26	2.14	25	2.28	24	2.41	24	2.53	23	2.65	23	2.77	22	2.86

RPM	CFM and Sones vs. Static Pressure																					
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"		5.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
1218	2891																					
	1.97	17.5																				
1408	4369		4152		3832		3489		3086													
	2.96	21	3.04	22	3.06	22	3.06	22	3.01	23												

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNXP245

PERFORMANCE DATA																				
RPM	CFM and Sones vs. Static Pressure																			
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
583	1340		1112		791															
	0.09	5.0	0.11	3.2	0.13	3.3														
665	1529		1335		1076		705													
	0.13	6.2	0.16	4.8	0.19	4.8	0.19	4.4												
792	1821		1662		1483		1242		954											
	0.21	8.1	0.25	6.9	0.29	6.8	0.31	6.4	0.32	7.3										
827	1901		1749		1580		1360		1131		679									
	0.24	8.6	0.28	7.4	0.32	7.3	0.35	7.0	0.37	7.7	0.34	8.4								
831	1910		1759		1591		1374		1145		716									
	0.25	8.7	0.29	7.5	0.32	7.4	0.36	7.0	0.37	7.7	0.35	8.4								
946	2175		2042		1903		1749		1541		1340		1033							
	0.36	10.5	0.41	9.3	0.45	9.1	0.49	8.8	0.53	8.9	0.55	9.3	0.54	9.8						
950	2184		2052		1913		1760		1554		1354		1058							
	0.36	10.6	0.41	9.4	0.46	9.2	0.50	8.9	0.53	9.0	0.55	9.4	0.55	9.9						
1088	2501		2386		2271		2141		2006		1825		1648		1466		1164			
	0.54	13.4	0.60	12.4	0.66	11.9	0.70	11.6	0.75	11.1	0.79	11.4	0.81	11.6	0.83	12.0	0.82	12.3		
1167	2683		2575		2468		2352		2228		2085		1915		1751		1587		1319	
	0.67	15.3	0.73	14.2	0.79	13.6	0.84	13.3	0.89	12.6	0.94	12.8	0.98	13.0	1.01	13.2	1.03	13.4	1.02	13.7
1188	2731		2625		2520		2408		2285		2152		1986		1823		1665		1431	
	0.71	15.8	0.77	15.0	0.83	14.1	0.88	13.8	0.93	13.1	0.98	13.2	1.02	13.4	1.06	13.6	1.08	13.7	1.08	14.0
1289	2963		2866		2769		2671		2560		2447		2318		2165		2014		1867	
	0.90	18.1	0.97	17.2	1.03	16.6	1.10	16.3	1.15	15.6	1.21	15.6	1.26	15.6	1.30	15.7	1.34	15.8	1.36	15.8
1367	3142		3051		2959		2867		2768		2661		2555		2422		2277		2135	
	1.07	20	1.14	19.3	1.21	18.6	1.28	18.3	1.35	17.7	1.40	17.6	1.46	17.6	1.51	17.5	1.56	17.5	1.60	17.4
1459	3354		3268		3182		3096		3010		2910		2810		2710		2581		2446	
	1.30	22	1.38	21	1.45	21	1.53	20	1.60	19.6	1.66	19.5	1.72	19.4	1.78	19.3	1.83	19.3	1.89	19.3
1687	3878		3804		3729		3655		3581		3506		3424		3338		3251		3165	
	2.01	27	2.09	26	2.18	25	2.27	25	2.35	23	2.44	23	2.52	23	2.58	23	2.65	23	2.72	23

RPM	CFM and Sones vs. Static Pressure																					
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"		5.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
1188	1115																					
	1.05	14.3																				
1289	1695		1450		1124																	
	1.38	15.9	1.37	16.1	1.31	16.5																
1367	1997		1853		1627		1354															
	1.62	17.5	1.64	17.5	1.64	17.6	1.60	17.7														
1459	2311		2182		2053		1879		1667		1392		978									
	1.94	19.3	1.96	19.3	1.99	19.3	2.00	19.4	1.99	19.4	1.94	19.5	1.76	20								
1687	3066		2949		2832		2715		2602		2490		2379		2242		2059		1861		1623	
	2.79	23	2.85	23	2.91	23	2.97	24	3.00	24	3.03	24	3.06	24	3.08	24	3.08	24	3.06	24	2.99	24

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.



USNU245

PERFORMANCE DATA																						
RPM	CFM and Sones vs. Static Pressure																					
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"		2.500"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
361	2933														Fan Model		HP	RPM Range	Est. Unit Wt.	Est. Ship Wt.		
	0.08	6.9																	lbs.	lbs.		
427	3469		2175																			
	0.13	8.3	0.17	7.8													USNU245F	1/3	361 - 553	156	283	
486	3948		2861																			
	0.19	9.8	0.24	9.0													USNU245G	1/2	427 - 633	158	285	
522	4241		3241																			
	0.24	11.0	0.30	10.0													USNU245H	3/4	486 - 725	164	291	
553	4492		3560		2304																	
	0.28	11.7	0.35	10.8	0.36	9.5											USNU245J	1	522 - 797	176	303	
633	5142		4334		3429																	
	0.42	14.3	0.50	12.8	0.54	11.0											USNU245K	1 1/2	653 - 913	187	314	
653	5305		4522		3665																	
	0.47	14.6	0.54	13.0	0.60	11.7											USNU245L	2	706 - 1005	198	325	
706	5735		5014		4246		3303															
	0.59	16.1	0.67	14.6	0.74	13.2	0.75	12.4									USNU245M	3	924 - 1150	211	338	
725	5890		5188		4446		3588															
	0.64	16.6	0.73	15.3	0.79	13.8	0.82	12.7														
797	6474		5840		5185		4457		3510													
	0.84	18.9	0.95	17.5	1.02	16.4	1.08	14.7	1.07	13.1												
913	7417		6863		6297		5706		5060		4290											
	1.27	23	1.38	21	1.48	19.8	1.56	18.6	1.62	17.5	1.63	16.6										
924	7506		6959		6400		5820		5190		4470											
	1.31	23	1.43	21	1.53	21	1.61	19.4	1.68	18.3	1.70	17.4										
1005	8164		7661		7151		6632		6074		5471		4779		3459							
	1.69	25	1.82	24	1.93	23	2.03	22	2.11	21	2.17	19.9	2.18	18.0	1.98	18.8						
1150	9342		8902		8462		8010		7556		7068		6570		6003		5346		4284			
	2.53	28	2.67	27	2.82	27	2.94	26	3.05	25	3.14	24	3.23	22	3.25	23	3.24	22	3.06	22		

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNUHP300

RPM	PERFORMANCE DATA																			
	CFM and Sones vs. Static Pressure																			
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	
443	4056		3228		2103										Fan Model	HP	RPM Range	Est. Unit Wt.	Est. Ship Wt.	
	0.18	5.7	0.26	4.3	0.30	3.3												lbs.	lbs.	
475	4349		3585		2670										USNUHP300H	3/4	443 - 630	280	460	
	0.22	6.5	0.30	5.1	0.36	4.0								USNUHP300J				1	475 - 691	284
554	5072		4430		3705		2794								USNUHP300K	1 1/2	554 - 795	293	473	
	0.34	8.6	0.44	7.1	0.53	6.0	0.57	5.1						USNUHP300L				2	646 - 865	303
630	5768		5213		4606		3926		3041						USNUHP300M	3	790 - 1016	362	542	
	0.49	10.6	0.61	9.2	0.71	8.0	0.80	7.1	0.83	6.2								USNUHP300N	5	980 - 1188
646	5914		5373		4786		4137		3345											
	0.52	11.1	0.65	9.7	0.75	8.5	0.85	7.5	0.90	6.7										
691	6326		5820		5280		4689		4041		3128									
	0.64	12.5	0.78	11.1	0.89	9.8	0.99	8.8	1.08	7.9	1.09	9.4								
790	7232		6790		6334		5849		5319		4755		4075							
	0.94	17.0	1.10	15.5	1.25	14.0	1.36	12.6	1.49	14.8	1.58	14.6	1.63	14.6						
795	7278		6839		6386		5904		5380		4823		4169		3144					
	0.96	17.3	1.12	15.8	1.27	14.2	1.38	12.8	1.51	15.0	1.61	14.9	1.66	14.9	1.59	14.9				
865	7919		7515		7111		6669		6212		5725		5204		4621		3735			
	1.23	20	1.40	18.6	1.58	17.1	1.71	15.8	1.84	17.9	1.97	17.9	2.07	17.9	2.13	18.0	2.09	18.2		
980	8972		8615		8259		7888		7497		7096		6665		6231		5753		5224	
	1.77	24	1.97	22	2.17	21	2.34	21	2.49	22	2.64	23	2.79	24	2.94	20	3.02	20	3.09	21
1016	9301		8957		8614		8262		7885		7508		7097		6682		6240		5779	
	1.97	25	2.18	24	2.38	22	2.58	22	2.73	23	2.88	24	3.03	24	3.19	21	3.31	21	3.40	22
1188	10876		10582		10288		9994		9694		9371		9049		8725		8370		8015	
	3.13	31	3.37	30	3.61	28	3.85	28	4.08	27	4.26	32	4.43	30	4.61	27	4.79	27	4.98	28

RPM	CFM and Sones vs. Static Pressure																					
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"		5.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
980	4491																					
	3.07	22																				
1016	5187		4421																			
	3.44	22	3.38	23																		
1188	7661		7272		6878		6469		5868		5201											
	5.16	25	5.28	26	5.39	27	5.48	28	5.47	29	5.39	30										

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.



USNUXP300

PERFORMANCE DATA																				
RPM	CFM and Sones vs. Static Pressure																			
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
554	2257		1925		1529		988													
	0.20	7.4	0.25	6.5	0.28	6.1	0.29	6.5												
605	2464		2163		1818		1416		680											
	0.26	8.4	0.31	7.2	0.35	6.9	0.38	7.4	0.34	7.5										
707	2880		2624		2356		2036		1700		1199									
	0.40	10.6	0.46	9.4	0.51	9.1	0.56	8.9	0.59	9.5	0.59	9.9								
795	3238		3011		2776		2520		2229		1936		1503		759					
	0.56	12.5	0.62	11.3	0.69	10.9	0.75	9.8	0.80	10.7	0.83	11.3	0.83	11.9	0.71	12.2				
808	3291		3067		2837		2590		2304		2016		1621		1041					
	0.59	12.8	0.65	11.3	0.72	11.3	0.78	11.2	0.83	10.3	0.87	11.3	0.88	12.0	0.81	12.1				
872	3552		3345		3134		2915		2661		2395		2129		1744		1234			
	0.74	14.3	0.80	13.0	0.87	12.5	0.94	11.9	1.00	12.2	1.05	12.2	1.09	12.9	1.10	13.9	1.04	14.0		
980	3992		3807		3623		3430		3235		3003		2767		2529		2249		1898	
	1.04	16.8	1.11	16.0	1.18	15.7	1.26	15.5	1.34	14.8	1.41	14.3	1.47	14.4	1.51	15.0	1.54	15.6	1.54	16.2
1003	4086		3905		3725		3538		3347		3128		2898		2666		2429		2096	
	1.11	17.4	1.18	16.2	1.26	15.6	1.34	15.4	1.42	15.2	1.49	14.9	1.56	14.9	1.60	15.4	1.64	16.0	1.66	16.6
1092	4448		4283		4117		3949		3774		3599		3390		3178		2966		2753	
	1.42	19.6	1.50	18.4	1.58	17.8	1.67	17.5	1.76	17.4	1.85	17.2	1.92	17.0	1.99	17.1	2.05	17.4	2.09	17.9
1273	5185		5043		4901		4759		4615		4465		4315		4161		3980		3798	
	2.23	24	2.33	23	2.42	23	2.52	22	2.61	22	2.72	22	2.83	21	2.93	18.4	3.01	20	3.09	22
1282	5222		5081		4940		4799		4656		4507		4358		4208		4028		3848	
	2.28	25	2.37	23	2.47	22	2.57	23	2.66	22	2.77	22	2.88	22	2.98	23	3.06	22	3.15	22
1499	6106		5985		5865		5744		5623		5503		5376		5249		5121		4994	
	3.62	31	3.73	30	3.84	29	3.95	29	4.07	29	4.18	28	4.30	28	4.42	28	4.55	28	4.67	26

RPM	CFM and Sones vs. Static Pressure																			
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
980	1455																			
	1.48	16.7																		
1003	1725		1120																	
	1.63	17.0	1.47	17.4																
1092	2486		2176		1827		1261													
	2.12	18.5	2.13	18.9	2.09	19.3	1.91	19.7												
1273	3617		3434		3251		3053		2791		2521		2222		1827					
	3.17	21	3.23	22	3.28	23	3.33	23	3.34	24	3.35	24	3.30	24	3.17	25				
1282	3668		3487		3305		3122		2862		2602		2305		1958		1406			
	3.23	21	3.29	21	3.34	22	3.39	23	3.41	24	3.43	24	3.38	24	3.29	25	3.02	25		
1499	4854		4700		4546		4392		4238		4083		3928		3772		3601		3378	
	4.78	23	4.88	26	4.98	28	5.08	28	5.17	28	5.23	28	5.29	29	5.36	30	5.41	30	5.43	31

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNU300

PERFORMANCE DATA																						
RPM	CFM and Sones vs. Static Pressure																					
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"		2.500"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
398	5896		4504																			
	0.26	8.0	0.33	7.3											Fan Model	HP	RPM Range	Est. Unit Wt.	Est. Ship Wt.			
430	6370		5095																			
516	0.32	9.3	0.41	8.6											USNU300H	3/4	398 - 530	280	460			
	7644		6615		5438										USNU300J	1	430 - 574	284	464			
530	0.56	11.5	0.66	10.3	0.76	9.4									USNU300K	1 1/2	516 - 660	293	473			
	7852		6858		5727										USNU300L	2	563 - 719	303	483			
563	0.60	12.1	0.71	11.0	0.81	9.9									USNU300M	3	644 - 845	362	542			
	8341		7421		6373		5078								USNU300N	5	838 - 987	402	582			
574	0.72	13.8	0.83	13.0	0.95	11.8	1.01	11.5														
	8504		7607		6580		5355															
644	0.77	14.3	0.88	13.6	0.99	12.3	1.07	12.0														
	9541		8762		7848		6910		5701													
660	1.08	16.4	1.21	15.3	1.34	14.6	1.46	13.8	1.51	13.0												
	9778		9021		8132		7233		6114													
719	1.16	17.2	1.29	16.1	1.43	15.3	1.55	14.5	1.63	13.7												
	10652		9965		9168		8354		7464		6347											
838	1.50	20	1.64	19.9	1.79	19.3	1.93	18.6	2.06	18.5	2.10	17.7										
	12415		11833		11197		10482		9790		9055		8196									
845	2.38	27	2.54	25	2.71	24	2.88	23	3.05	23	3.20	23	3.31	22								
	12518		11942		11313		10605		9917		9196		8356		7350							
987	2.44	27	2.61	26	2.77	24	2.95	24	3.12	24	3.27	23	3.39	22	3.40	21						
	14622		14131		13619		13055		12444		11852		11262		10622		9904		9097			
	3.89	31	4.08	31	4.27	29	4.47	29	4.68	29	4.88	28	5.07	26	5.24	26	5.38	25	5.44	24		

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNUHP365

PERFORMANCE DATA																				
CFM and Sones vs. Static Pressure																				
RPM	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
317	5033		3704																	
	0.17	5.0	0.26	4.5																
350	5557		4400		2285															
	0.22	5.9	0.34	5.4	0.36	5.0														
391	6208		5196		3847															
	0.30	7.4	0.44	6.6	0.52	6.0														
447	7098		6225		5210		3685													
	0.45	9.6	0.60	8.8	0.73	8.5	0.77	7.8												
467	7415		6584		5637		4359													
	0.51	10.5	0.67	9.6	0.81	9.2	0.88	8.6												
498	7907		7135		6284		5208		3388											
	0.62	11.5	0.79	10.5	0.95	10.1	1.05	9.6	1.02	9.0										
568	9019		8342		7628		6820		5833		4362									
	0.91	13.9	1.11	12.8	1.30	12.7	1.45	12.8	1.56	11.1	1.55	11.2								
576	9146		8478		7776		6990		6038		4720									
	0.95	14.2	1.15	13.2	1.34	12.8	1.50	12.6	1.62	11.9	1.64	11.5								
641	10178		9578		8962		8315		7559		6675		5513							
	1.30	16.6	1.52	15.5	1.74	15.2	1.95	15.0	2.11	14.9	2.23	14.0	2.26	13.6						
738	11718		11197		10676		10123		9560		8905		8218		7368		6292		4402	
	1.97	21	2.23	19.3	2.49	19.0	2.73	18.8	2.97	18.5	3.16	18.5	3.32	17.5	3.42	16.8	3.43	17.0	3.14	17.0
774	12290		11793		11296		10777		10241		9659		9019		8295		7484		6375	
	2.27	22	2.55	20	2.82	21	3.08	20	3.33	20	3.55	20	3.73	19.5	3.87	18.7	3.98	17.7	3.95	18.0
844	13401		12946		12490		12031		11539		11047		10501		9914		9285		8542	
	2.94	26	3.24	25	3.53	25	3.83	24	4.10	24	4.37	24	4.60	23	4.80	23	4.98	22	5.09	22
870	13814		13372		12930		12488		12014		11537		11038		10469		9900		9211	
	3.22	28	3.52	27	3.83	26	4.14	26	4.42	25	4.70	25	4.96	25	5.17	24	5.37	23	5.51	23
984	15624		15234		14843		14452		14059		13637		13216		12794		12321		11818	
	4.64	34	4.99	33	5.34	32	5.68	32	6.03	31	6.34	31	6.66	31	6.98	30	7.24	30	7.47	30

RPM	CFM and Sones vs. Static Pressure																					
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"		5.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
844	7671		6547																			
	5.14	21	5.06	21																		
870	8490		7535		6250																	
	5.63	22	5.61	22	5.44	22																
984	11314		10745		10108		9464		8585		7565											
	7.71	29	7.89	28	8.02	27	8.15	26	8.11	26	7.99	27										

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhauster motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNXP365

RPM	PERFORMANCE DATA																			
	CFM and Sones vs. Static Pressure																			
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"	
BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	
391	2713		2182		1388															
	0.17	5.5	0.23	5.1	0.26	5.7														
443	3074		2614		2033		1107													
	0.24	7.0	0.31	6.2	0.36	6.5	0.36	7.0												
496	3441		3040		2566		1936		992											
	0.33	8.7	0.41	7.9	0.48	7.9	0.52	8.2	0.49	8.6										
569	3948		3604		3221		2774		2184		1377									
	0.50	11.3	0.59	11.2	0.67	10.1	0.74	10.0	0.78	10.3	0.75	6.6								
600	4163		3836		3479		3072		2579		1911									
	0.58	12.0	0.67	12.0	0.77	10.8	0.85	10.5	0.90	10.8	0.91	11.3								
634	4399		4090		3757		3391		2957		2412		1702							
	0.68	12.9	0.78	12.6	0.88	11.7	0.97	11.2	1.04	11.6	1.07	11.8	1.05	12.5						
723	5016		4745		4469		4163		3831		3460		3024		2472		1801			
	1.00	15.3	1.12	15.2	1.23	14.6	1.34	14.0	1.44	12.1	1.52	13.9	1.57	14.2	1.59	14.7	1.54	15.3		
731	5072		4804		4532		4229		3905		3546		3115		2590		1946			
	1.03	15.5	1.15	15.4	1.26	15.0	1.38	14.5	1.48	14.0	1.56	14.5	1.62	15.1	1.65	15.2	1.60	15.4		
816	5661		5421		5181		4921		4650		4354		4033		3662		3243		2742	
	1.43	18.3	1.56	18.2	1.69	18.2	1.81	16.8	1.94	16.6	2.05	16.5	2.15	16.6	2.21	17.1	2.26	17.4	2.28	17.7
931	6459		6249		6039		5828		5592		5354		5111		4829		4548		4216	
	2.11	23	2.26	23	2.41	23	2.55	22	2.69	21	2.84	21	2.97	21	3.08	21	3.19	21	3.27	21
939	6515		6306		6098		5889		5656		5421		5184		4905		4625		4304	
	2.16	23	2.31	23	2.46	23	2.61	23	2.75	21	2.90	21	3.04	21	3.15	21	3.26	21	3.34	21
980	6799		6599		6400		6200		5984		5758		5532		5286		5018		4750	
	2.46	25	2.61	25	2.77	25	2.92	25	3.07	24	3.22	23	3.37	23	3.50	22	3.62	22	3.74	22
1107	7680		7503		7327		7150		6973		6780		6580		6380		6180		5955	
	3.53	32	3.70	32	3.88	32	4.05	32	4.23	31	4.40	30	4.57	28	4.73	28	4.90	27	5.05	24
1196	8298		8134		7970		7807		7643		7479		7295		7110		6925		6740	
	4.44	35	4.63	35	4.82	35	5.01	35	5.20	35	5.39	35	5.57	34	5.75	33	5.93	34	6.11	33
1252	8686		8530		8374		8217		8061		7904		7738		7561		7385		7208	
	5.09	37	5.29	37	5.48	37	5.68	37	5.88	37	6.08	37	6.28	35	6.46	34	6.65	33	6.84	33

RPM	CFM and Sones vs. Static Pressure																					
	2.500"		2.750"		3.000"		3.250"		3.500"		3.750"		4.000"		4.250"		4.500"		4.750"		5.000"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
816	2153																					
	2.22	18.1																				
931	3876		3449		2985		2466		1913													
	3.33	21	3.37	22	3.36	22	3.29	22	3.17	23												
939	3968		3559		3114		2610		2062													
	3.41	21	3.45	22	3.45	22	3.40	22	3.28	23												
980	4428		4107		3707		3284		2806		2283											
	3.81	22	3.88	22	3.91	23	3.93	23	3.87	24	3.76	24										
1107	5718		5481		5219		4934		4649		4300		3941		3535		3108		2643		2179	
	5.18	25	5.31	27	5.41	28	5.49	28	5.57	28	5.62	28	5.65	29	5.62	29	5.56	29	5.42	29	5.28	30
1196	6544		6325		6106		5886		5640		5377		5113		4814		4482		4150		3758	
	6.28	32	6.42	31	6.57	31	6.71	32	6.82	33	6.90	33	6.99	33	7.05	33	7.09	33	7.13	33	7.07	33
1252	7031		6842		6633		6423		6214		5990		5738		5487		5235		4922		4605	
	7.03	33	7.21	33	7.36	33	7.50	33	7.65	33	7.78	33	7.88	34	7.97	34	8.06	34	8.10	34	8.14	34

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.



USNU365

PERFORMANCE DATA																						
RPM	CFM and Sones vs. Static Pressure																					
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"		2.500"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
259	6910														Fan Model		HP	RPM Range	Est. Unit Wt.	Est. Ship Wt.		
	0.19	5.1																				
299	7978		5659																			
	0.29	6.9	0.39	6.1																		
313	8351		6174																			
	0.33	7.6	0.44	6.8																		
370	9872		8078		5752																	
	0.55	10.5	0.68	9.7	0.76	9.2																
398	10619		8969		7018																	
	0.68	10.6	0.82	9.6	0.95	9.1																
414	11046		9475		7662																	
	0.77	11.6	0.91	10.5	1.05	9.8																
469	12514		11176		9646		7803															
	1.11	15.0	1.28	14.1	1.45	12.9	1.56	12.5														
477	12727		11418		9914		8154															
	1.17	15.4	1.34	14.6	1.51	13.3	1.63	12.9														
530	14141		12991		11640		10254		8473													
	1.61	17.2	1.79	16.0	1.99	15.1	2.17	14.5	2.24	13.5												
563	15022		13949		12688		11426		9932													
	1.92	19.0	2.12	17.9	2.33	17.0	2.53	16.3	2.68	15.5												
610	16276		15294		14168		12993		11767		10274											
	2.45	22	2.66	22	2.88	21	3.11	21	3.31	20	3.42	19.4										
656	17503		16596		15585		14475		13395		12170		10704									
	3.04	25	3.27	24	3.51	23	3.75	22	3.98	22	4.18	21	4.26	20								
719	19184		18360		17474		16472		15479		14482		13347		12035							
	4.01	30	4.26	28	4.52	27	4.78	27	5.04	26	5.29	26	5.50	25	5.60	24						
813	21692		20967		20210		19378		18476		17601		16730		15788		14731		13545			
	5.79	35	6.08	35	6.37	33	6.66	32	6.93	32	7.26	31	7.54	29	7.80	29	8.01	28	8.10	27		

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNU425

RPM	PERFORMANCE DATA																					
	CFM and Sones vs. Static Pressure																					
	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"		2.000"		2.250"		2.500"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
212	8930														Fan Model		HP	RPM Range	Est. Unit Wt.	Est. Ship Wt.		
	0.22	4.8																		lbs.	lbs.	
230	9688		5924														USNU425H	3/4	212 - 301	451	735	
	0.28	5.6	0.39	5.0													USNU425J	1	230 - 328	452	736	
268	11288		8325														USNU425K	1 1/2	268 - 373	461	745	
	0.44	7.7	0.59	6.8													USNU425L	2	273 - 410	472	756	
273	11499		8606														USNU425M	3	345 - 470	530	814	
	0.47	7.9	0.62	7.1													USNU425N	5	450 - 557	571	855	
301	12678		10095														USNU425P	7 1/2	518 - 638	572	856	
	0.63	9.6	0.80	8.7													USNU425R	10	571 - 703	598	882	
328	13816		11468		5876																	
	0.81	10.0	1.00	8.8	1.14	8.3																
345	14532		12319		9723																	
	0.95	11.1	1.14	9.9	1.32	9.2																
373	15711		13708		11429																	
	1.20	13.0	1.41	11.9	1.61	10.9																
410	17269		15497		13460		11078															
	1.59	15.9	1.82	15.3	2.06	14.4	2.22	14.0														
450	18954		17373		15519		13599															
	2.10	17.3	2.35	16.2	2.62	15.4	2.85	14.8														
470	19797		18294		16526		14747		12558													
	2.40	18.6	2.66	17.5	2.93	16.7	3.19	16.1	3.35	15.2												
518	21818		20472		18918		17312		15607		13515											
	3.21	22	3.50	22	3.79	21	4.09	21	4.36	20	4.49	19.1										
557	23461		22216		20822		19303		17817		16105		14033									
	3.99	25	4.30	24	4.61	23	4.94	22	5.25	22	5.50	21	5.57	20								
571	24051		22839		21495		20008		18568		16964		15058									
	4.30	26	4.61	25	4.94	24	5.27	23	5.59	23	5.87	22	6.01	21								
638	26873		25794		24644		23347		22028		20738		19326		17705							
	5.99	32	6.35	31	6.70	30	7.07	29	7.44	28	7.80	28	8.12	27	8.34	26						
703	29611		28635		27617		26501		25288		24106		22936		21680		20273		18699			
	8.02	35	8.41	35	8.80	33	9.20	32	9.61	32	10.02	31	10.41	30	10.77	29	11.06	28	11.21	27		

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.

USNU490

PERFORMANCE DATA																
CFM and Sones vs. Static Pressure																
RPM	.000"		.250"		.500"		.750"		1.000"		1.250"		1.500"		1.750"	
	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
174	11232															
	0.25	4.5														
177	11426															
	0.26	4.7														
222	14331		10132													
	0.51	7.1	0.70	6.4												
237	15299		11458													
	0.63	8.1	0.83	7.2												
265	17107		13729													
	0.88	10.0	1.11	9.2												
269	17365		14042													
	0.92	10.3	1.15	9.5												
291	18785		15745		12091											
	1.16	10.6	1.41	9.4	1.62	8.7										
322	20786		18107		15057											
	1.57	12.9	1.85	11.8	2.12	10.6										
332	21432		18857		15933											
	1.72	13.8	2.01	12.6	2.29	11.4										
365	23562		21282		18643		15682									
	2.29	16.8	2.60	15.8	2.92	14.7	3.18	14.5								
383	24724		22574		20060		17409									
	2.64	17.4	2.97	16.3	3.31	15.5	3.61	14.9								
428	27629		25739		23528		21301		18751							
	3.69	21	4.05	20	4.43	19.8	4.80	19.0	5.10	18.4						
438	28274		26433		24291		22111		19706		16666					
	3.95	22	4.32	21	4.71	21	5.09	19.9	5.42	19.2	5.51	18.2				
453	29242		27468		25428		23306		21082		18369					
	4.37	23	4.76	23	5.16	22	5.55	21	5.91	21	6.11	19.6				
517	33374		31834		30155		28265		26430		24503		22258			
	6.50	29	6.94	28	7.38	27	7.85	26	8.30	26	8.71	25	9.02	24		

Performance shown is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. The sound ratings shown are loudness values in fan sones at 5 feet (1.524 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is therefore not detrimental to the motor and is economically desirable.