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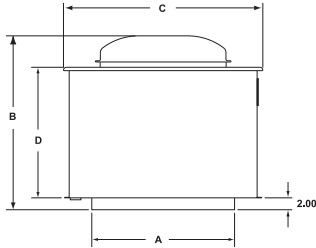
# Belt Drive Centrifugal Roof/Wall Exhauster

## Models PNURF and PNURG Restaurant Exhausters

MIAMI-DADE COUNTY  
APPROVED

Centrifugal Exhausters

Models PNURF and PNURG (restaurant exhauster) are belt drive upblast centrifugal exhausters. Capacities up to 33,374 CFM and up to 3 inches static pressure. Models PNUHP and PNUXP are high pressure exhausters for applications up to 5 inches static pressure. The PNURF is a clean air ventilator designed for high velocity vertical discharge. Model PNURG 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‡	
New	Former							RF	RG
PNU080	PNUXP080	24.00	26.35	33.66	22.09	19.5 x 19.5	AR18	C22.5	CR22.5
PNU100	PNUHP100	24.00	26.35	33.66	22.09	19.5 x 19.5	AR18	C22.5	CR22.5
PNU120	PNU120	24.00	27.37	33.50	22.13	19.5 x 19.5	AR18	C22.5	CR22.5
PNU135	PNU135	24.00	27.37	33.50	22.13	19.5 x 19.5	AR18	C22.5	CR22.5
PNU150	PNU150	28.00	25.92	38.00	22.46	23.5 x 23.5	AR22	C26.5	CR26.5
PNU155	PNUXP165	28.00	29.59	38.00	24.14	23.5 x 23.5	AR22	C26.5	CR26.5
PNU160	PNUHP165	28.00	25.59	38.00	24.14	23.5 x 23.5	AR22	C26.5	CR26.5
PNU165	PNU165	28.00	25.92	38.00	22.46	23.5 x 23.5	AR22	C26.5	CR26.5
PNU185	PNU185	28.00	31.56	39.75	28.73	23.5 x 23.5	AR22	C26.5	CR26.5
PNU200	PNU200	28.00	31.56	39.75	28.73	23.5 x 23.5	AR22	C26.5	CR26.5
PNU235	PNUXP245	34.00	35.01	44.67	31.42	29.5 x 29.5	AR28	C32.5	CR32.5
PNU240	PNUHP245	34.00	35.01	44.67	31.42	29.5 x 29.5	AR28	C32.5	CR32.5
PNU245	PNU245	34.00	38.76	44.75	31.50	29.5 x 29.5	AR28	C32.5	CR32.5
PNU290	PNUXP300	40.00	40.41	55.29	34.15	35.5 x 35.5	ARH34	C38.5	CR38.5
PNU295	PNUHP300	40.00	40.41	55.29	34.15	35.5 x 35.5	ARH34	C38.5	CR38.5
PNU300	PNU300	40.00	42.50	55.38	34.25	35.5 x 35.5	ARH34	C38.5	CR38.5
PNU355	PNUXP365	46.00	44.10	65.75	41.00	41.5 x 41.5	ARH40	C44.5	CR44.5
PNU360	PNUHP365	46.00	44.10	65.75	41.00	41.5 x 41.5	ARH40	C44.5	CR44.5
PNU365	PNU365	46.00	46.00	66.00	41.25	41.5 x 41.5	ARH40	C44.5	CR44.5
PNU425	PNU425	60.00	53.50	79.75	49.75	55.5 x 55.5	ARH54	C58.5	CR58.5
PNU490	PNU490	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.

‡ Please contact your local representative for correct rated sizing for hurricane

### 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
- Aluminum curb cap (except smoke exhaust fans)

#### Centrifugal Wheel

- Aluminum construction backward curved blade (steel wheel for smoke exhaust fans)
- Non-overloading design for safe operation
- Wheel optimally matched with die-formed orifice
- Precision balanced for smooth vibration free operation



#### Bearings

- Permanently lubricated in an Acme D.S. pillow block housing
- Bearings are resiliently mounted in neoprene rings
- Rated at L<sub>50</sub> life of 200,000 hours
- 5 year limited warranty on Acme D.S. pillow block bearings

#### Drive Assembly

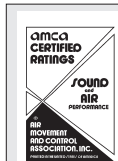
- Cast iron drives sized for 150% of drive horsepower
- Static free, oil and heat resistant belts

#### 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
- SE Option U.L. Listed "Power Ventilator for Smoke Control Systems"
- Wall Bracket (PNU080-245)
- Grease Trough
- Curb Hinge
- Pillow block bearings with 2 year warranty



Acme Engineering & Manufacturing Corporation 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.



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

Consult your Acme representative for availability.

# PNU080 (PNUXP080)



Centrifugal Exhausters

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
1324	330		271		211		117													
	0.05	5.0	0.06	4.7	0.06	4.7	0.06	4.9												
1633	407		360		310		262		190											
	0.09	7.0	0.10	6.7	0.11	6.4	0.11	6.1	0.12	6.7										
1673	417		371		322		277		211											
	0.10	7.3	0.11	7.1	0.12	6.7	0.12	6.5	0.12	7.0										
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

CFM and Sones vs. Static Pressure																						
RPM	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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.



# PNU100 (PNUHP100)



Centrifugal Exhausters

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
942	500		359																	
	0.02	3.9	0.03	4.3																
1211	642		543		404															
	0.05	5.9	0.06	5.6	0.07	7.2														
1225	650		552		417															
	0.05	6.0	0.06	5.7	0.07	7.3														
1531	812		738		651		538		383											
	0.09	9.0	0.11	8.7	0.12	9.0	0.13	10.8	0.13	11.4										
1561	828		755		671		564		422											
	0.10	9.3	0.11	9.1	0.13	9.2	0.14	11.0	0.14	11.8										
1633	866		797		717		623		496											
	0.11	10.3	0.13	10.1	0.14	9.9	0.16	11.9	0.16	13.0										
1922	1020		960		898		828		746		645		528							
	0.18	16.9	0.20	16.5	0.22	16.1	0.24	16.7	0.25	19.2	0.26	21	0.26	21						
1983	1052		995		935		867		791		700		590							
	0.20	17.7	0.22	17.5	0.24	17.1	0.26	17.3	0.27	19.6	0.28	21	0.29	22						
2128	1129		1075		1022		959		894		819		727		623					
	0.25	18.9	0.27	19.1	0.29	18.3	0.31	18.3	0.33	19.4	0.34	22	0.35	23	0.36	24				
2288	1214		1164		1114		1059		1000		935		865		776		679		563	
	0.31	20	0.33	21	0.35	19.7	0.37	19.2	0.40	19.6	0.41	22	0.43	23	0.44	24	0.44	25	0.44	25
2436	1292		1246		1199		1149		1094		1039		974		907		821		730	
	0.37	22	0.39	22	0.42	21	0.44	20	0.47	21	0.49	21	0.50	23	0.52	25	0.53	26	0.53	27
2798	1484		1444		1403		1362		1318		1270		1222		1171		1114		1057	
	0.56	25	0.59	27	0.62	24	0.64	24	0.67	23	0.70	24	0.72	24	0.75	26	0.77	27	0.78	28

CFM and Sones vs. Static Pressure																						
RPM	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	27																				
2798	984		909		828		742															
	0.80	29	0.81	30	0.81	31	0.81	31														

Performance certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.

# PNU120 (PNU120)



Centrifugal Exhausters

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
710	739																			
	0.02	4.4																		
908	945		638																	
	0.03	6.4	0.05	6.0																
1033	1075		815																	
	0.05	8.0	0.07	7.6																
1167	1215		987																	
	0.07	10.4	0.10	10.2																
1321	1375		1167		956															
	0.11	10.6	0.13	9.6	0.15	8.9														
1415	1473		1275		1089															
	0.13	12.0	0.16	11.0	0.18	10.3														
1544	1607		1420		1263		1062													
	0.17	12.5	0.20	12.4	0.23	12.3	0.24	11.7												
1615	1681		1499		1354		1166		939											
	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											
	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									
	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									
	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		

# PNU135 (PNU135)



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
795	1143		708																	
	0.04	8.2	0.06	6.8																
994	1429		1087																	
	0.08	9.4	0.09	8.2																
1122	1613		1308		997															
	0.10	11.0	0.13	10.2	0.14	8.9														
1213	1743		1464		1184															
	0.13	12.6	0.15	12.1	0.18	10.2														
1346	1934		1685		1432		1161													
	0.17	14.1	0.20	13.6	0.23	12.5	0.24	11.3												
1400	2012		1774		1527		1275													
	0.19	14.9	0.22	14.5	0.25	13.7	0.27	12.4												
1551	2229		2016		1788		1577		1333											
	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							
	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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# PNU150 (PNU150)



Centrifugal Exhausters

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"		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	BHP
833	1763		1420		918																				
	0.09	8.8	0.11	7.2	0.12	7.2																			
847	1792		1456		982																				
	0.09	9.2	0.12	7.5	0.13	7.5																			
1034	2188		1922		1607		1187																		
	0.17	10.7	0.20	10.4	0.23	10.9	0.23	10.9																	
1129	2389		2151		1874		1547		344																
	0.22	13.2	0.26	13.0	0.29	14.4	0.31	13.7	0.16	13.7															
1250	2645		2431		2192		1921		1607																
	0.30	15.1	0.34	14.3	0.37	14.1	0.41	12.7	0.42	12.6															
1286	2721		2514		2283		2024		1728		793														
	0.33	15.8	0.37	15.0	0.40	14.8	0.44	13.5	0.46	12.9	0.32	12.9													
1346	2848		2650		2433		2194		1925		1583														
	0.38	15.7	0.42	14.0	0.46	13.8	0.49	13.1	0.52	12.9	0.52	12.9													
1432	3030		2844		2645		2431		2186		1912		1540												
	0.45	17.7	0.50	15.8	0.54	16.0	0.57	14.7	0.61	15.3	0.63	14.7	0.62	14.7											
1615	3417		3252		3086		2896		2701		2484		2248		1974		803								
	0.65	21	0.70	19.6	0.75	18.5	0.79	19.4	0.83	18.3	0.88	19.1	0.90	17.9	0.91	17.9	0.57	17.9							
1632	3453		3290		3126		2939		2748		2533		2304		2050		1097								
	0.67	21	0.72	20	0.78	18.9	0.82	19.7	0.86	18.7	0.90	19.4	0.93	18.4	0.94	18.4	0.69	18.4							
1795	3798		3649		3501		3340		3169		2991		2795		2594		2364		2075		715				
	0.89	23	0.95	23	1.01	22	1.06	22	1.10	22	1.15	21	1.19	19.8	1.23	19.1	1.25	18.3	1.23	18.3	0.70	18.3			
2064	4367		4238		4109		3979		3835		3687		3538		3373		3203		3033		2834		2357		
	1.36	30	1.43	31	1.49	28	1.56	27	1.61	27	1.66	27	1.71	26	1.76	26	1.82	25	1.87	24	1.89	23	1.87	23	

Performance certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.

# PNU155 (PNUXP165)



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															
	0.04	5.3	0.06	4.8	0.06	5.1														
1039	576		508		434		349													
	0.05	6.0	0.07	5.1	0.08	4.9	0.09	5.5												
1188	659		600		540		466		394											
	0.08	7.3	0.10	6.5	0.12	6.2	0.13	6.3	0.13	6.8										
1330	737		685		631		575		505		442									
	0.12	8.6	0.14	7.9	0.15	7.5	0.17	7.5	0.18	7.6	0.18	8.0								
1355	751		700		647		594		525		462									
	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	21	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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.



# PNU160 (PNUHP165)



Centrifugal Exhausters

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
729	1071		855																	
	0.04	5.0	0.06	5.0																
857	1259		1083		818															
	0.06	6.5	0.09	6.3	0.11	5.4														
886	1301		1134		897															
	0.07	6.9	0.10	6.6	0.12	6.5														
1012	1487		1346		1170		897													
	0.10	8.3	0.14	6.8	0.16	6.5	0.18	6.7												
1042	1531		1394		1230		981													
	0.12	8.9	0.15	7.3	0.18	6.8	0.19	7.1												
1175	1726		1605		1468		1297		1054											
	0.16	10.5	0.20	9.3	0.24	8.6	0.26	8.6	0.28	8.6										
1218	1789		1673		1543		1388		1173		718									
	0.18	11.6	0.22	10.0	0.26	9.1	0.29	9.3	0.30	9.4	0.28	9.1								
1267	1862		1749		1627		1490		1304		997									
	0.21	11.1	0.24	10.5	0.28	9.6	0.32	9.6	0.34	10.0	0.34	9.9								
1289	1894		1783		1665		1530		1352		1091									
	0.22	11.4	0.26	10.8	0.30	10.0	0.33	9.9	0.36	10.3	0.36	10.2								
1480	2175		2078		1982		1869		1751		1596		1405		1097					
	0.33	14.3	0.37	13.0	0.42	12.8	0.46	12.7	0.50	12.8	0.53	13.1	0.55	12.9	0.54	13.0				
1508	2216		2121		2027		1917		1802		1656		1481		1218					
	0.35	15.1	0.39	13.5	0.44	13.2	0.48	13.1	0.53	13.1	0.56	13.7	0.58	13.7	0.58	13.7				
1694	2489		2405		2321		2235		2132		2029		1903		1764		1581		1313	
	0.49	17.5	0.54	17.6	0.60	16.9	0.65	16.4	0.70	16.0	0.74	15.8	0.78	16.5	0.81	16.8	0.82	16.7	0.81	16.9
1865	2740		2664		2588		2511		2426		2333		2240		2130		2003		1863	
	0.66	21	0.72	21	0.77	19.6	0.83	19.5	0.88	18.6	0.94	18.9	0.99	18.6	1.03	19.3	1.07	19.8	1.10	19.9
2135	3137		3071		3004		2937		2870		2797		2716		2634		2553		2457	
	0.99	26	1.05	26	1.12	26	1.18	25	1.25	24	1.31	24	1.37	24	1.43	24	1.49	24	1.54	24

CFM and Sones vs. Static Pressure																						
RPM	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
1865	1687		1418																			
	1.10	19.7	1.08	19.9																		
2135	2347		2236		2101		1947		1732		1414											
	1.58	25	1.62	25	1.64	25	1.65	25	1.63	25	1.56	25										

Performance certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.

# PNU165 (PNU165)



Centrifugal Exhausters

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	BHP	Sone			
593	1576		885																								Fan Model	HP	RPM Range	Est. Unit Wt. lbs.	Est. Ship Wt. lbs.
	0.05	5.3	0.07	4.3																											
673	1789		1232																								PNU165E1	1/4	593 - 846	99	176
	0.07	6.5	0.10	5.3																											
745	1980		1481																								PNU165E2	1/4	673 - 980	99	176
	0.09	7.4	0.12	6.1																											
833	2214		1768		1222																						PNU165F	1/3	745 - 1075	102	179
	0.13	10.8	0.16	9.8	0.18	9.8																									
846	2249		1809		1290																						PNU165G	1/2	833 - 1227	109	186
	0.14	11.4	0.17	10.4	0.19	10.5																									
980	2605		2223		1843		1205																				PNU165H	3/4	1042 - 1408	116	193
	0.21	13.3	0.24	13.1	0.28	13.4	0.27	12.8																							
1042	2770		2409		2056		1611																				PNU165J	1	1154 - 1546	128	205
	0.25	14.1	0.29	13.3	0.33	13.8	0.34	12.9																							
1075	2857		2507		2166		1782																				PNU165K	1 1/2	1346 - 1771	139	216
	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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.





# PNU185 (PNU185)



Centrifugal Exhausters

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"		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	BHP	Sone			
522	1932		1125																								Fan Model	HP	RPM Range	Est. Unit Wt. lbs.	Est. Ship Wt. lbs.
	0.06	6.2	0.08	5.2																											
653	2417		1810																								PNU185E	1/4	522 - 784	132	232
	0.12	9.0	0.15	8.1																											
711	2632		2074		1411																						PNU185F	1/3	653 - 862	134	234
	0.15	9.1	0.19	8.8	0.20	7.7																									
784	2902		2409		1861																						PNU185G	1/2	711 - 984	138	238
	0.21	11.1	0.24	11.1	0.27	9.9																									
847	3135		2695		2190		1566																				PNU185H	3/4	847 - 1129	140	240
	0.26	10.7	0.30	10.6	0.33	9.4	0.33	9.4																							
862	3191		2762		2267		1668																				PNU185J	1	949 - 1246	152	252
	0.27	11.0	0.32	10.9	0.35	9.8	0.35	9.8																							
949	3513		3146		2677		2220																				PNU185K	1 1/2	1034 - 1432	163	263
	0.36	13.3	0.42	13.4	0.45	13.3	0.47	12.5																							
984	3643		3292		2836		2406		1849																		PNU185L	2	1231 - 1556	174	274
	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																		PNU185M	3	1443 - 1811	187	287
	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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.

# PNU200 (PNU200)



Centrifugal Exhausters

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"		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																						PNU200E	1/4	507 - 752	132	232
	0.08	6.7	0.12	6.5																					PNU200F	1/3	547 - 828	134	234
614	2716		2036		811																				PNU200G	1/2	614 - 948	138	238
	0.11	7.6	0.16	7.3	0.13	7.6																			PNU200H	3/4	714 - 1085	140	240
714	3159		2583		1911																				PNU200J	1	795 - 1194	152	252
	0.18	9.4	0.23	9.0	0.27	8.3																			PNU200K	1 1/2	1000 - 1359	163	263
752	3327		2778		2172																				PNU200L	2	1117 - 1496	174	274
	0.21	10.2	0.26	9.8	0.31	9.3																			PNU200M	3	1278 - 1712	187	287
795	3517		2995		2454																								
	0.24	11.0	0.30	10.6	0.36	9.9																							
828	3663		3159		2648		1910																						
	0.27	11.7	0.33	11.2	0.39	12.5	0.40	8.8																					
948	4194		3746		3326		2841																						
	0.41	13.9	0.47	14.0	0.55	14.1	0.61	11.4																					
1000	4424		3997		3603		3161		2627																				
	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		4804		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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.



# PNU235 (PNUXP245)

MIAMI-DADE COUNTY  
APPROVED

Centrifugal Exhausters

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
583	1340		1112		791															
	0.09	5.7	0.11	5.3	0.13	5.1														
665	1529		1335		1076		705													
	0.13	7.3	0.16	6.9	0.19	6.5	0.19	6.6												
792	1821		1662		1483		1242		954											
	0.21	10.0	0.25	9.5	0.29	9.3	0.31	8.9	0.32	9.1										
827	1901		1749		1580		1360		1131		679									
	0.24	10.9	0.28	10.3	0.32	10.1	0.35	9.7	0.37	9.7	0.34	9.8								
831	1910		1759		1591		1374		1145		716									
	0.25	11.1	0.29	10.4	0.32	10.2	0.36	9.9	0.37	9.8	0.35	9.9								
946	2175		2042		1903		1749		1541		1340		1033							
	0.36	14.0	0.41	13.0	0.45	13.0	0.49	12.7	0.53	12.3	0.55	12.2	0.54	12.5						
950	2184		2052		1913		1760		1554		1354		1058							
	0.36	14.1	0.41	13.1	0.46	13.0	0.50	12.8	0.53	12.4	0.55	12.2	0.55	12.6						
1088	2501		2386		2271		2141		2006		1825		1648		1466		1164			
	0.54	17.3	0.60	17.0	0.66	16.3	0.70	16.2	0.75	16.0	0.79	15.6	0.81	15.3	0.83	15.6	0.82	15.8		
1167	2683		2575		2468		2352		2228		2085		1915		1751		1587		1319	
	0.67	19.3	0.73	19.1	0.79	18.4	0.84	18.4	0.89	18.2	0.94	17.9	0.98	17.6	1.01	17.4	1.03	17.8	1.02	17.9
1188	2731		2625		2520		2408		2285		2152		1986		1823		1665		1431	
	0.71	19.9	0.77	19.7	0.83	18.9	0.88	19.0	0.93	18.8	0.98	18.5	1.02	18.2	1.06	18.0	1.08	18.1	1.08	18.4
1289	2963		2866		2769		2671		2560		2447		2318		2165		2014		1867	
	0.90	22	0.97	22	1.03	22	1.10	22	1.15	22	1.21	21	1.26	21	1.30	21	1.34	21	1.36	21
1367	3142		3051		2959		2867		2768		2661		2555		2422		2277		2135	
	1.07	24	1.14	25	1.21	24	1.28	24	1.35	24	1.40	24	1.46	24	1.51	23	1.56	23	1.60	23
1459	3354		3268		3182		3096		3010		2910		2810		2710		2581		2446	
	1.30	27	1.38	27	1.45	27	1.53	26	1.60	26	1.66	26	1.72	26	1.78	26	1.83	26	1.89	25
1687	3878		3804		3729		3655		3581		3506		3424		3338		3251		3165	
	2.01	35	2.09	35	2.18	34	2.27	34	2.35	33	2.44	34	2.52	34	2.58	34	2.65	34	2.72	33

CFM and Sones vs. Static Pressure																						
RPM	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	18.4																				
1289	1695		1450		1124																	
	1.38	21	1.37	21	1.31	21																
1367	1997		1853		1627		1354															
	1.62	23	1.64	23	1.64	23	1.60	23														
1459	2311		2182		2053		1879		1667		1392											
	1.94	25	1.96	25	1.99	26	2.00	26	1.99	26	1.94	26										
1687	3066		2949		2832		2715		2602		2490		2379		2242		2059		1861		1623	
	2.79	33	2.85	33	2.91	33	2.97	33	3.00	33	3.03	33	3.06	34	3.08	34	3.08	34	3.06	34	2.99	34

Performance certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.

# PNU240 (PNUHP245)



Centrifugal Exhausters

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
457	1950		1451																	
	0.06	4.7	0.10	3.0																
554	2364		1981		1386															
	0.11	6.6	0.16	4.6	0.19	4.9														
639	2726		2406		2009		1237													
	0.17	8.4	0.23	6.4	0.28	5.7	0.27	6.0												
690	2944		2654		2306		1801													
	0.21	9.5	0.27	7.6	0.33	6.6	0.37	7.2												
707	3016		2733		2403		140													
	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	15.3
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	17.0
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	21

CFM and Sones vs. Static Pressure																						
RPM	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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.



# PNU245 (PNU245)



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"		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																					
	0.08	6.9																				
427	3469		2175																			
	0.13	8.3	0.17	7.8																		
486	3948		2861																			
	0.19	9.8	0.24	9.0																		
522	4241		3241																			
	0.24	11.0	0.30	10.0																		
553	4492		3560		2304																	
	0.28	11.7	0.35	10.8	0.36	9.5																
633	5142		4334		3429																	
	0.42	14.3	0.50	12.8	0.54	11.0																
653	5305		4522		3665																	
	0.47	14.6	0.54	13.0	0.60	11.7																
706	5735		5014		4246		3303															
	0.59	16.1	0.67	14.6	0.74	13.2	0.75	12.4														
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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.

# PNU290 (PNUXP300)



Centrifugal Exhausters

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
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

CFM and Sones vs. Static Pressure																						
RPM	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	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		3155	
	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	5.44	31

Performance certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.



# PNU295 (PNUHP300)



Centrifugal Exhausters

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
443	4056		3228		2103															
	0.18	5.7	0.26	4.3	0.30	3.3														
475	4349		3585		2670															
	0.22	6.5	0.30	5.1	0.36	4.0														
554	5072		4430		3705		2794													
	0.34	8.6	0.44	7.1	0.53	6.0	0.57	5.1												
630	5768		5213		4606		3926		3041											
	0.49	10.6	0.61	9.2	0.71	8.0	0.80	7.1	0.83	6.2										
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

CFM and Sones vs. Static Pressure																						
RPM	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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.

# PNU300 (PNU300)



Centrifugal Exhausters

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"		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																		
430	6370		5095																			
	0.32	9.3	0.41	8.6																		
516	7644		6615		5438																	
	0.56	11.5	0.66	10.3	0.76	9.4																
530	7852		6858		5727																	
	0.60	12.1	0.71	11.0	0.81	9.9																
563	8341		7421		6373		5078															
	0.72	13.8	0.83	13.0	0.95	11.8	1.01	11.5														
574	8504		7607		6580		5355															
	0.77	14.3	0.88	13.6	0.99	12.3	1.07	12.0														
644	9541		8762		7848		6910		5701													
	1.08	16.4	1.21	15.3	1.34	14.6	1.46	13.8	1.51	13.0												
660	9778		9021		8132		7233		6114													
	1.16	17.2	1.29	16.1	1.43	15.3	1.55	14.5	1.63	13.7												
719	10652		9965		9168		8354		7464		6347											
	1.50	20	1.64	19.9	1.79	19.3	1.93	18.6	2.06	18.5	2.10	17.7										
838	12415		11833		11197		10482		9790		9055		8196									
	2.38	27	2.54	25	2.71	24	2.88	23	3.05	23	3.20	23	3.31	22								
845	12518		11942		11313		10605		9917		9196		8356		7350							
	2.44	27	2.61	26	2.77	24	2.95	24	3.12	24	3.27	23	3.39	22	3.40	21						
987	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		

Fan Model	HP	RPM Range	Est. Unit Wt. lbs.	Est. Ship Wt. lbs.
PNU300H	3/4	398 - 530	280	460
PNU300J	1	430 - 574	284	464
PNU300K	1 1/2	516 - 660	293	473
PNU300L	2	563 - 719	303	483
PNU300M	3	644 - 845	362	542
PNU300N	5	838 - 987	402	582

Performance certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.







# PNU360 (PNUHP365)

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

CFM and Sones vs. Static Pressure																						
RPM	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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.



# PNU365 (PNU365)

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"		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																					
	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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.

# PNU425 (PNU425)

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"		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																					
	0.22	4.8																				
230	9688		5924																			
	0.28	5.6	0.39	5.0																		
268	11288		8325																			
	0.44	7.7	0.59	6.8																		
273	11499		8606																			
	0.47	7.9	0.62	7.1																		
301	12678		10095																			
	0.63	9.6	0.80	8.7																		
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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.



# PNU490 (PNU490)

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 certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free Inlet hemispherical 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.

For more information on this product contact your sales support.