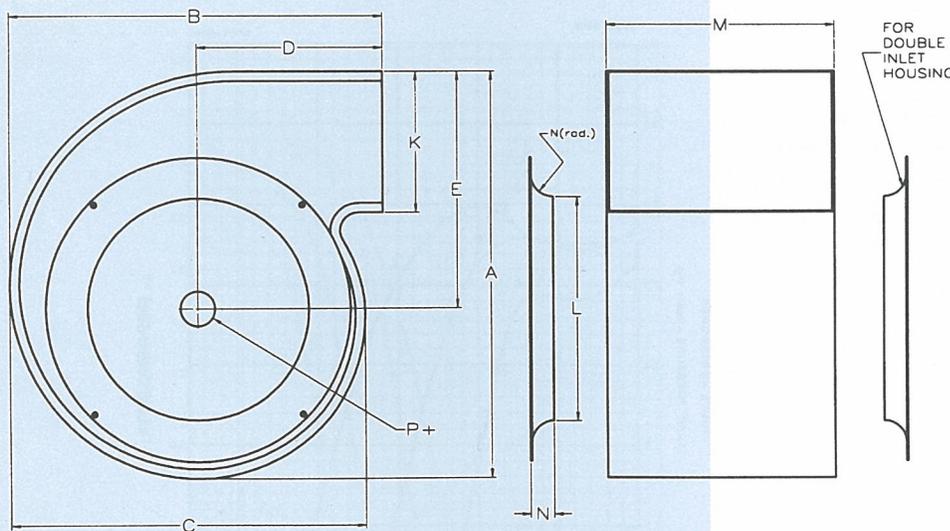


The housing is an essential and critical component of any centrifugal blower package. When it is of proper design and size for the blower wheel, efficient and quiet performance can be achieved. Airdex housings are designed for use with the blower wheels described in this catalogue.

Because space is usually critical in the use of blower units, Airdex housings have an 8° expansion angle rather than the 10° angle which is customary for rating of impellers. In systems where the impeller operates close to its point of peak efficiency, little or no change in performance will be observed. In systems where pressures are relatively low the use of the 8° housing results in slightly less delivery for a given impeller, but more delivery for the space available.



P+ = FOR SINGLE INLET HOUSINGS

SPECIFICATION CHART

Recommended Wheels	Housing Number	Housing Dimensions in Inches									M	
		A	B	C	D	E	K	L	N	P	Single Inlet	Double Inlet
AA-300-101	534	5.34	5.17	4.65	2.50	3.02	1.92	2.58	.26	.75	1.75	2.75
AA-300-115											2.00	3.75
AA-300-128											2.50	4.50
AA-326-101	675	6.75	6.38	5.87	3.00	3.86	2.42	3.19	.32	.75	1.75	3.00
AA-326-128											2.75	4.75
AA-326-215											3.25	5.75
FE-400-100	675	6.75	6.38	5.87	3.00	3.86	2.42	3.19	.32	.75	1.75	3.00
FE-400-108											2.00	3.50
FE-400-119											2.50	4.00
FE-400-200											2.75	5.00
FE-400-216											3.25	6.00
AA-408-201	759	7.59	7.09	6.58	3.31	4.30	2.72	3.66	.37	.75	3.00	5.00
AA-408-215											3.50	6.00
AA-408-228											3.75	6.75
FE-416-108	759	7.59	7.09	6.58	3.31	4.30	2.72	3.66	.37	.75	2.25	3.50
FE-416-119											2.50	4.25
FE-416-200											3.00	5.00
FE-416-216											3.50	6.00
AA-424-202	842	8.42	7.78	7.31	3.56	4.77	3.01	4.08	.41	.75	3.00	5.25
AA-424-215											3.50	4.25
AA-424-228											4.00	6.75
AA-424-316											4.50	8.00
FE-500-108	842	8.42	7.78	7.31	3.56	4.77	3.01	4.08	.41	.75	2.25	3.50
FE-500-119											2.50	4.25
FE-500-200											3.00	5.00
FE-500-216											3.50	6.00
FE-500-305											4.25	7.50
AA-508-202	941	9.41	8.73	8.17	4.00	5.33	3.36	4.53	.45	1.00	3.25	5.25
AA-508-216											3.75	6.25
AA-508-229											4.00	7.00
AA-508-316											4.75	8.25
FE-519-119	941	9.41	8.73	8.17	4.00	5.33	3.36	4.53	.45	1.00	2.75	4.25
FE-519-200											3.25	5.25
FE-519-216											3.75	6.25
FE-519-305											4.75	7.50
AA-524-202	1061	10.61	9.76	9.24	4.44	6.01	3.79	5.05	.51	1.00	3.25	5.25
AA-524-216											3.75	6.25
AA-524-229											4.25	7.00
AA-524-316											4.75	8.25
AA-524-400											5.25	9.25
FE-610-119	1061	10.61	9.76	9.24	4.44	6.01	3.79	5.05	.51	1.00	2.75	4.50
FE-610-200											3.25	5.25
FE-610-216											3.75	6.25
FE-610-305											4.50	7.50
AA-610-202	1061	10.61	9.76	9.24	4.44	6.01	3.79	5.52	.55	1.00	3.50	5.50
AA-610-215											3.75	6.25
AA-610-228											4.25	7.00
AA-610-314											4.75	8.25
AA-610-325											5.25	9.00
AA-610-408	5.75	9.75										
FE-623-119	1191	11.91	10.85	10.36	4.88	6.75	4.24	5.52	.55	1.00	3.00	4.50
FE-623-200											3.50	5.25
FE-623-216											4.00	6.25
FE-623-305											4.50	7.75
LE-703-200	1191	11.91	10.85	10.36	4.88	6.75	4.24	5.52	.55	1.00	3.50	5.25
LE-703-216											4.00	6.25
LE-703-305											4.50	7.75
LE-703-400											5.50	9.25
LE-716-200	1343	13.43	12.19	11.66	5.44	7.60	4.77	6.40	.64	1.00	3.50	5.50
LE-716-216											4.00	6.50
LE-716-305											4.75	7.75
LE-716-400											5.50	9.50
LE-800-200	1343	13.43	12.19	11.66	5.44	7.60	4.77	6.40	.64	1.00	3.50	5.50
LE-800-216											4.00	6.50
LE-800-305											4.75	7.75
LE-800-400											5.50	9.50
LE-800-500											6.50	11.50