

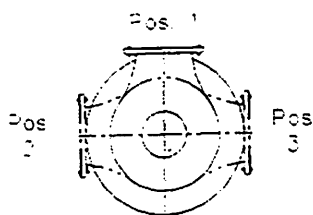


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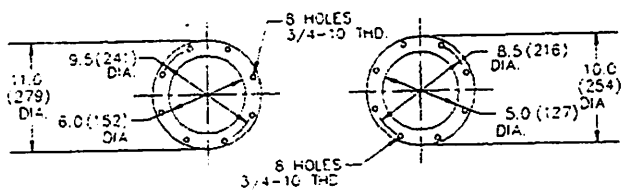
For Approval  Certified For

**"550" Series  
Air & Gas, Inlet Driven  
Direct Drive - Dimensions**

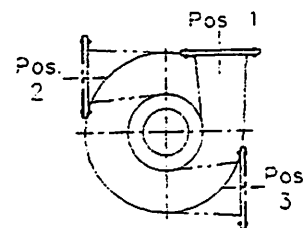
Project \_\_\_\_\_  
Your Order # \_\_\_\_\_  
Our Order # \_\_\_\_\_ By \_\_\_\_\_



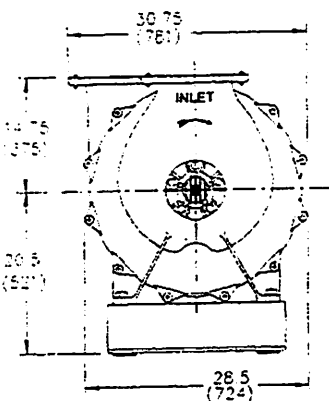
Inlet Positions  
(VIEWED FROM INLET)



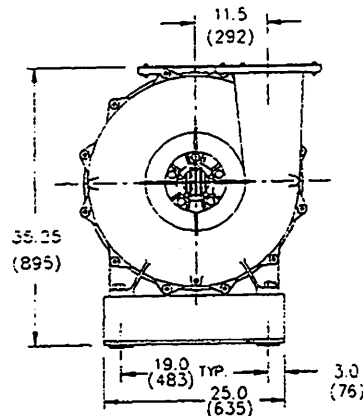
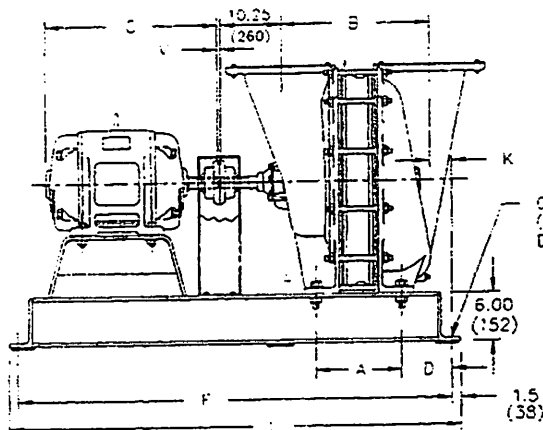
INLET OUTLET



Outlet Positions  
(VIEWED FROM OUTLET)



(END VIEW OF  
MACHINE ONLY)



Frame No.	Dimensions						
	A	B	C	D	F	L	K
551	4.62 (117)	8.50 (216)	215T	7.50 (191)	50 (1270)	53 (1346)	7.19 (183)
552	7.88 (200)	11.75 (298)	254T	7.50 (191)	56 (1422)	59 (1499)	7.19 (183)
553	11.13 (283)	15.00 (381)	256T	10.75 (273)	64 (1626)	67 (1702)	10.44 (265)
554	14.38 (365)	18.25 (464)	286TS	7.50 (191)	64 (1626)	67 (1702)	7.19 (183)
555	17.62 (448)	21.50 (546)	286TS	10.75 (273)	73 (1854)	76 (1930)	10.44 (265)
556	20.88 (530)	24.75 (629)	326TS	7.50 (191)	73 (1854)	76 (1930)	7.19 (183)
557	24.13 (613)	28.00 (711)	355TS	10.75 (273)	81 (2057)	84 (2134)	10.44 (265)
558	27.38 (695)	31.25 (794)	326TS	7.50 (191)	81 (2057)	84 (2134)	7.19 (183)
559	30.62 (778)	34.50 (876)	405TS	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)
5510	33.88 (861)	37.75 (959)	405TS	7.50 (191)	91 (2311)	94 (2388)	7.19 (183)

NOTES

- Column "C" lists maximum NEMA motor frame typically required for the machine indicated.
- Dimensions in inches and (mm).
- Flange dimensions conform to 125 pound ANSI cast iron flanged fittings.

- Dimension "V" is distance between shaft ends which varies depending on the coupling used. Refer to coupling data sheet for more information.
- Specifications subject to change without notice.

1. Frame dimensions conform to IEC 60081-1 (NEMA) motor frame typically required for the machine indicated.  
 2. Dimensions in inches and (mm).  
 3. Frame dimensions conform to IEC 60081-1 (NEMA) motor frame typically required for the machine indicated.  
 4. Dimension "V" is distance between shaft ends which varies depending on the coupling used. Refer to coupling data sheet for more information.  
 5. Specifications subject to change without notice.

Frame No.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
511	4.62 (117)	8.00 (203)	21.51 (546)	7.50 (191)	50 (1270)	5.5 (1346)	7.19 (183)	7.19 (183)	59 (1499)	56 (1422)	59 (1499)	7.19 (183)	7.19 (183)	10.44 (265)	17.62 (448)	21.00 (533)	28.61 (727)	7.50 (191)	64 (1626)	67 (1702)	7.19 (183)	14.38 (365)	17.75 (451)	28.61 (727)	7.50 (191)	64 (1626)	67 (1702)	10.44 (265)	20.88 (530)	24.25 (616)	32.61 (833)	7.50 (191)	73 (1854)	76 (1930)	10.44 (265)	24.13 (613)	27.50 (699)	36.51 (927)	10.75 (273)	81 (2057)	84 (2134)	10.44 (265)	27.38 (695)	30.75 (781)	32.61 (833)	7.50 (191)	81 (2057)	84 (2134)	10.44 (265)	30.62 (778)	34.00 (864)	40.51 (1028)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	33.88 (861)	37.25 (946)	40.51 (1028)	7.50 (191)	91 (2311)	94 (2388)	10.44 (265)	37.10 (942)	40.51 (1028)	47.01 (1194)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	40.88 (1041)	44.25 (1124)	50.76 (1288)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	43.65 (1118)	47.01 (1194)	53.52 (1368)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	46.42 (1180)	49.78 (1263)	56.69 (1444)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	49.19 (1250)	52.55 (1338)	59.82 (1520)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	51.96 (1324)	55.32 (1409)	62.59 (1594)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	54.73 (1394)	58.49 (1487)	65.76 (1678)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	57.50 (1463)	61.26 (1557)	68.53 (1752)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	60.27 (1537)	64.13 (1626)	71.40 (1810)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	63.04 (1601)	67.00 (1707)	74.27 (1891)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	65.81 (1675)	69.87 (1788)	77.14 (1971)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	68.58 (1749)	72.74 (1860)	80.01 (2040)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	71.35 (1811)	75.21 (1913)	82.08 (2104)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	74.12 (1885)	78.08 (1997)	85.15 (2176)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	76.89 (1961)	80.95 (2069)	88.22 (2248)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	79.66 (2035)	83.82 (2149)	91.29 (2320)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	82.43 (2109)	86.69 (2218)	94.36 (2391)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	85.20 (2183)	89.56 (2287)	97.63 (2482)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	87.97 (2257)	92.43 (2356)	100.70 (2573)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	90.74 (2331)	95.30 (2439)	103.77 (2664)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	93.51 (2405)	98.17 (2518)	106.84 (2739)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	96.28 (2479)	101.04 (2587)	109.91 (2810)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	99.05 (2553)	103.91 (2670)	112.98 (2881)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	101.82 (2627)	106.78 (2749)	116.05 (2952)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	104.59 (2701)	109.65 (2820)	119.12 (3023)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	107.36 (2775)	112.52 (2891)	122.19 (3094)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	110.13 (2849)	115.39 (2960)	125.26 (3165)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	112.90 (2923)	118.26 (3031)	128.33 (3236)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	115.67 (2997)	121.13 (3100)	131.40 (3307)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	118.44 (3071)	124.00 (3171)	134.47 (3378)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	121.21 (3145)	126.87 (3242)	137.54 (3449)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	123.98 (3219)	129.74 (3313)	140.61 (3520)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	126.75 (3293)	132.61 (3384)	143.68 (3591)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	129.52 (3367)	135.48 (3455)	146.75 (3662)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	132.29 (3441)	138.35 (3526)	149.82 (3733)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	135.06 (3515)	141.22 (3597)	152.89 (3804)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	137.83 (3589)	144.09 (3668)	155.96 (3875)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	140.60 (3663)	146.96 (3739)	159.03 (3946)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	143.37 (3737)	149.83 (3810)	162.10 (4017)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	146.14 (3811)	152.70 (3881)	165.17 (4088)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	148.91 (3885)	155.57 (3952)	168.24 (4159)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	151.68 (3959)	158.44 (4023)	171.31 (4230)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	154.45 (4033)	161.31 (4094)	174.38 (4301)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	157.22 (4107)	164.18 (4165)	177.45 (4372)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	160.00 (4181)	167.05 (4236)	180.52 (4443)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	162.77 (4255)	169.92 (4307)	183.59 (4514)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	165.54 (4329)	172.79 (4378)	186.66 (4585)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	168.31 (4403)	175.66 (4449)	189.73 (4656)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	171.08 (4477)	178.53 (4520)	192.80 (4727)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	173.85 (4551)	181.40 (4591)	195.87 (4798)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	176.62 (4625)	184.27 (4662)	198.94 (4869)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	179.39 (4699)	187.14 (4733)	202.01 (4940)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	182.16 (4773)	190.01 (4804)	205.08 (5011)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	184.93 (4847)	192.88 (4875)	208.15 (5082)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	187.70 (4921)	195.75 (4946)	211.22 (5153)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	190.47 (4995)	198.62 (5017)	214.29 (5224)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	193.24 (5069)	201.49 (5088)	217.36 (5295)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	196.01 (5143)	204.36 (5159)	220.43 (5366)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	198.78 (5217)	207.23 (5230)	223.50 (5437)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	201.55 (5301)	210.10 (5301)	226.57 (5508)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	204.32 (5375)	212.97 (5372)	229.64 (5579)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	207.09 (5449)	215.84 (5443)	232.71 (5650)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	209.86 (5523)	218.71 (5514)	235.78 (5721)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	212.63 (5597)	221.58 (5585)	238.85 (5792)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	215.40 (5671)	224.45 (5656)	241.92 (5863)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	218.17 (5745)	227.32 (5727)	244.99 (5934)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	220.94 (5819)	230.19 (5798)	248.06 (5995)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	223.71 (5893)	233.06 (5869)	251.13 (6066)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	226.48 (5967)	235.93 (5940)	254.20 (6137)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	229.25 (6041)	238.80 (6011)	257.27 (6208)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	232.02 (6115)	241.67 (6082)	260.34 (6279)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	234.79 (6189)	244.54 (6153)	263.41 (6350)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	237.56 (6263)	247.41 (6224)	266.48 (6421)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	240.33 (6337)	250.28 (6295)	269.55 (6492)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	243.10 (6411)	253.15 (6366)	272.62 (6563)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	245.87 (6485)	256.02 (6437)	275.69 (6634)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	248.64 (6559)	258.89 (6508)	278.76 (6705)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	251.41 (6633)	261.76 (6579)	281.83 (6776)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	254.18 (6707)	264.63 (6650)	284.90 (6847)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	256.95 (6781)	267.50 (6721)	287.97 (6918)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	259.72 (6855)	270.37 (6792)	291.04 (6989)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	262.49 (6929)	273.24 (6863)	294.11 (7060)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	265.26 (7003)	276.11 (6934)	297.18 (7131)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	268.03 (7077)	278.98 (6995)	300.25 (7202)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	270.80 (7151)	281.85 (7066)	303.32 (7273)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	273.57 (7225)	284.72 (7137)	306.39 (7344)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	276.34 (7299)	287.59 (7208)	309.46 (7415)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	279.11 (7373)	290.46 (7279)	312.53 (7486)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	281.88 (7447)	293.33 (7350)	315.60 (7557)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	284.65 (7521)	296.20 (7421)	318.67 (7628)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	287.42 (7595)	299.07 (7492)	321.74 (7699)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	290.19 (7669)	301.94 (7563)	324.81 (7770)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	292.96 (7743)	304.81 (7634)	327.88 (7841)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	295.73 (7817)	307.68 (7705)	330.95 (7912)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	298.50 (7891)	310.55 (7776)	334.02 (7983)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	301.27 (7965)	313.42 (7847)	337.09 (8054)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	304.04 (8039)	316.29 (7918)	340.16 (8125)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	306.81 (8113)	319.16 (7989)	343.23 (8196)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	309.58 (8187)	322.03 (8060)	346.30 (8267)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	312.35 (8261)	324.90 (8131)	349.37 (8338)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	315.12 (8335)	327.77 (8202)	352.44 (8409)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	317.89 (8409)	330.64 (8273)	355.51 (8480)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	320.66 (8483)	333.51 (8344)	358.58 (8551)	10.75 (273)	91 (2311)	94 (2388)	10.44 (265)	32