



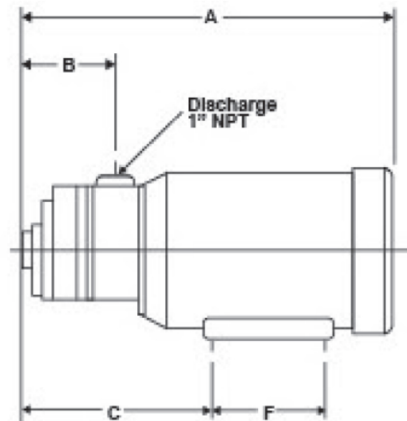
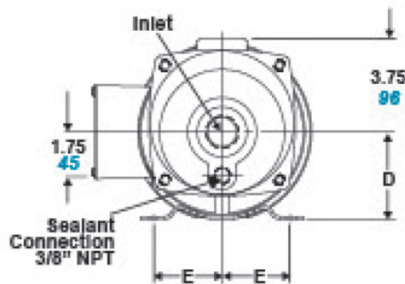
# Atlantic Fluidics A5, A10, A15, A20

## Technical Specifications

SINGLE STAGE PUMP MODEL	VACUUM RANGE					
	0 - 10" Hg (0 - 340 mbar g)		10 - 25" Hg (340 - 840 mbar g)		> 25" Hg (> 840 mbar g)	
	GPM	L/min	GPM	L/min	GPM	L/min
A5	1	3.8	1.5	5.7	2.0 - 3.0	7.6 - 11.4
A10						
A15	1.5	5.7	2.0	7.6	2.0 - 3.5	7.6 - 13.2
A20						
A75	2.0	7.6	2.5	7.6	3.0 - 4.0	11.4 - 15.1
A100						
A130						
A200	3.0	11.4	5.0	18.9	6.0 - 8.0	22.7 - 30.3
A300	4.0	15.1	6	22.7	8.0 - 10.0	30.3 - 37.9
A600	12	45.4	16	60.6	18-20	68.1-75.7

## Dimensions

close-coupled design



MODEL	FRAME	INLET NPT	inches/mm						MOTOR HP	Weight (lbs./kg)
			A	B	C	D	E	F		
A5	56CZ	3/4"	14.0 / 356	2.9 / 74	6.7 / 170	3.5 / 89	2.44 / 62	3.0 / 76	1	50 / 23
A10	145TCZ	1"	16.6 / 422	3.6 / 92	8.0 / 203	3.5 / 89	2.75 / 70	5.0 / 127	1 1/2	62 / 28
A15	145TCZ	1"	17.0 / 432	3.8 / 97	8.3 / 211	3.5 / 89	2.75 / 70	5.0 / 127	2	69 / 31
A20	182CZ	1"	18.5 / 470	4.6 / 117	9.6 / 244	4.5 / 114	3.75 / 95	5.5 / 140	3	85 / 39



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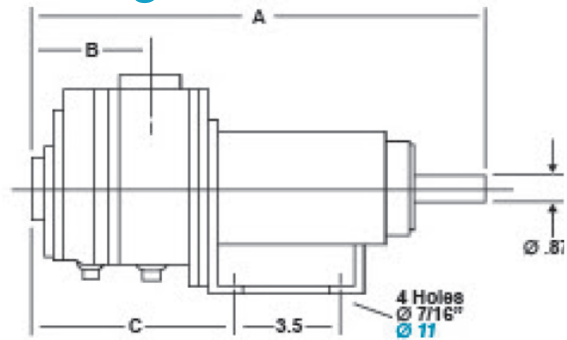
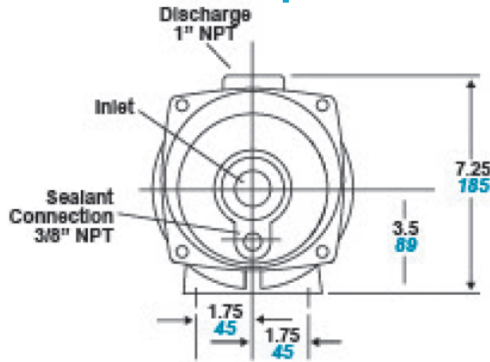
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# Atlantic Fluidics A5, A10, A15, A20

## Dimensions cont.

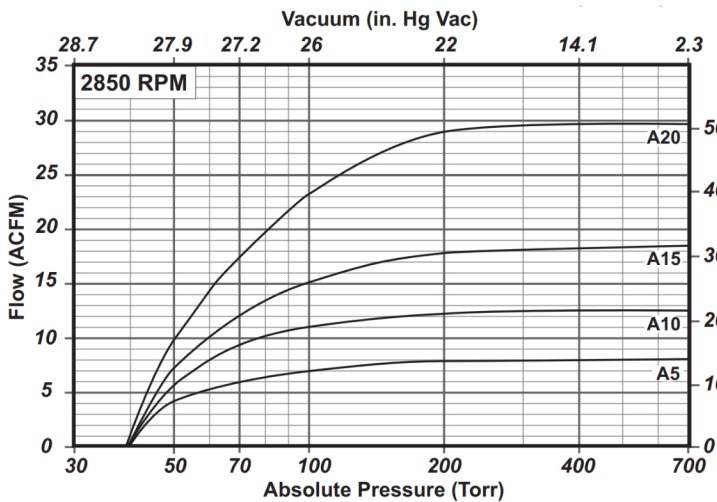
pedestal mount design



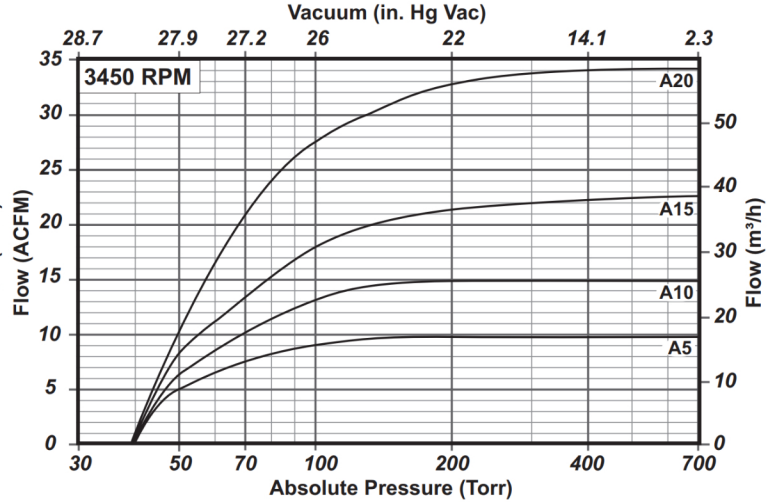
MODEL	INLET NPT	inches/mm			Weight (lbs./kg)
		A	B	C	
A10	1"	14.52 / 369	3.52 / 89	6.20 / 157	42 / 19
A15	1"	14.83 / 377	3.83 / 97	6.51 / 165	44 / 20
A20	1"	15.60 / 396	4.60 / 117	7.28 / 185	48 / 22

## Pumping Curves

50Hz



60Hz





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## Atlantic Fluidics A5, A10, A15, A20 Features & Benefits

- no contact between operating components in the casing
- flat power curve over entire vacuum range prevents motor overload
- reduced stress on motor shaft & bearings
- increased water handling capability prevents heat buildup
- extended life of mechanical seals
- compact, close-coupled design eliminates need for interstage manifold or motor alignment
- shrouded rotor increases pumping efficiency for high vacuum & low water consumption

## Applications

- vacuum packaging • extruders • solvent distillation/vapor recovery
- sterilization • degasifiers • evaporators • freeze drying • vapor coating
- gas compression

