

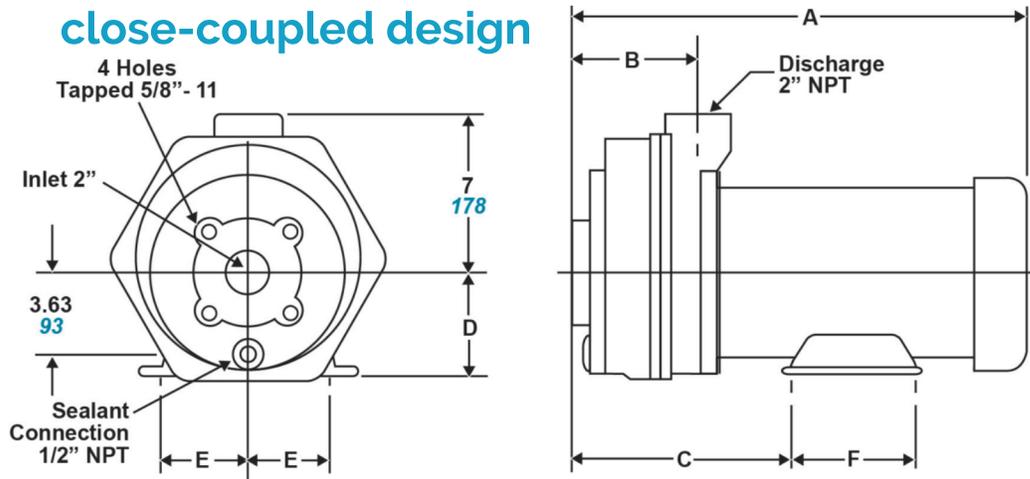


# Atlantic Fluidics A75, A100, A130

## 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



MODEL	FRAME	INLET	inches/mm						MOTOR HP	Weight (lbs./kg)
			A	B	C	D	E	F		
A75	184TCZ	2" Flange	20.2 / 513	5.8 / 147	10 / 254	4.50 / 114	3.75 / 95	5.5 / 140	5	180 / 82
A100	213TCZ	2" Flange	23.1 / 587	7.1 / 180	12.1 / 307	5.25 / 133	4.25 / 108	7.0 / 178	7 1/2	195 / 89
A130	215TCZ	2" Flange	25.3 / 642	8.1 / 206	13.1 / 333	5.25 / 133	4.25 / 108	7.0 / 178	10	250 / 114



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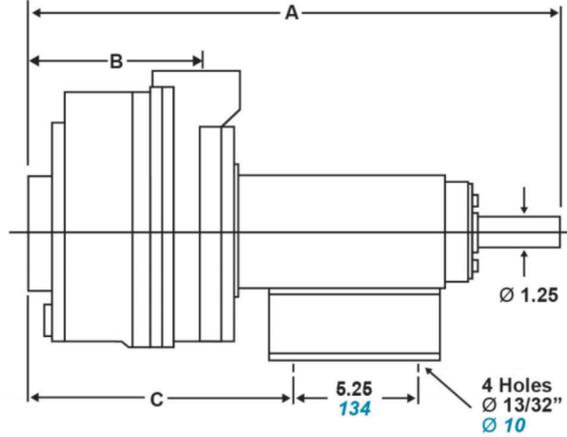
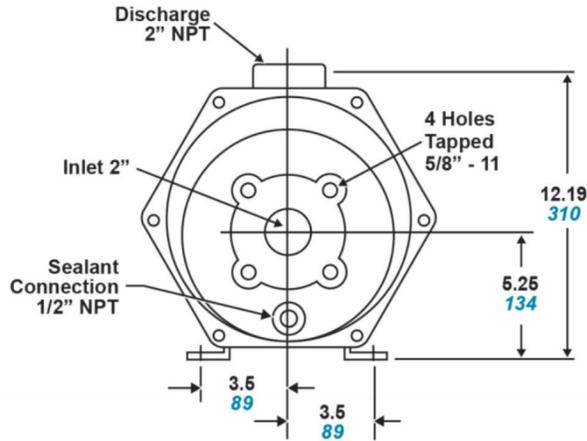
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# Atlantic Fluidics A75, A100, A130

## Dimensions cont.

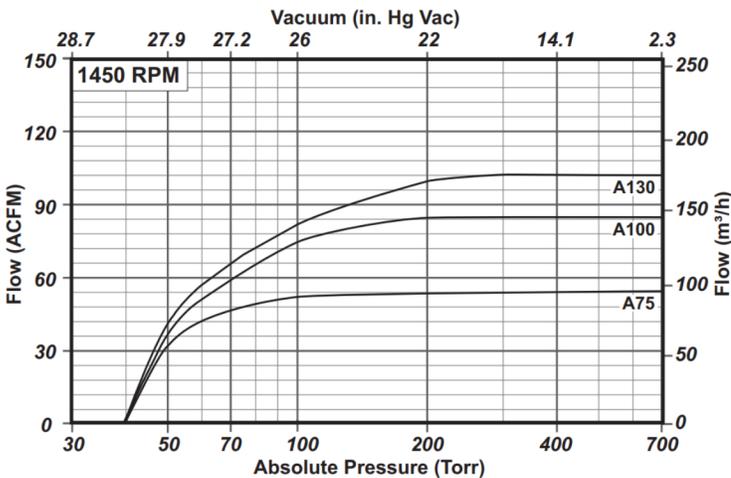
### pedestal mount design



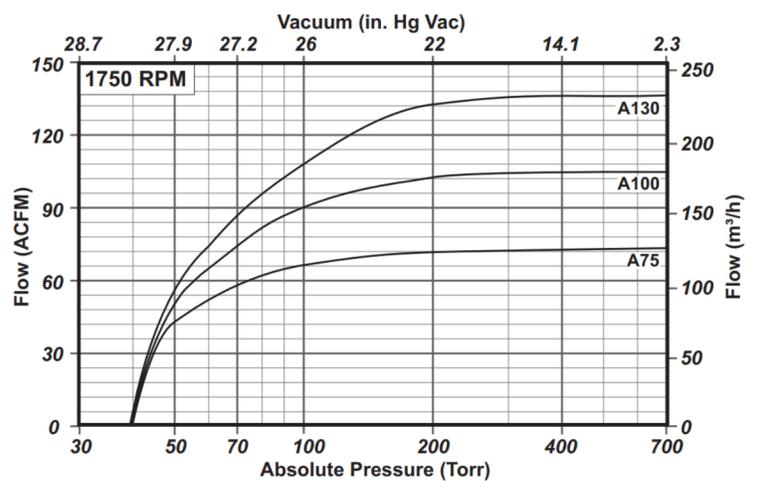
MODEL	INLET	inches/mm			Weight (lbs./kg)
		A	B	C	
A75	2" Flange	20.57 / 369	5.75 / 89	9.44 / 157	125 / 57
A100	2" Flange	21.88 / 377	7.07 / 97	10.75 / 165	130 / 59
A130	2" Flange	22.88 / 396	8.07 / 117	11.75 / 185	145 / 66

## Pumping Curves

### 50Hz



### 60Hz





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## Atlantic Fluidics A75, A100, A130 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

