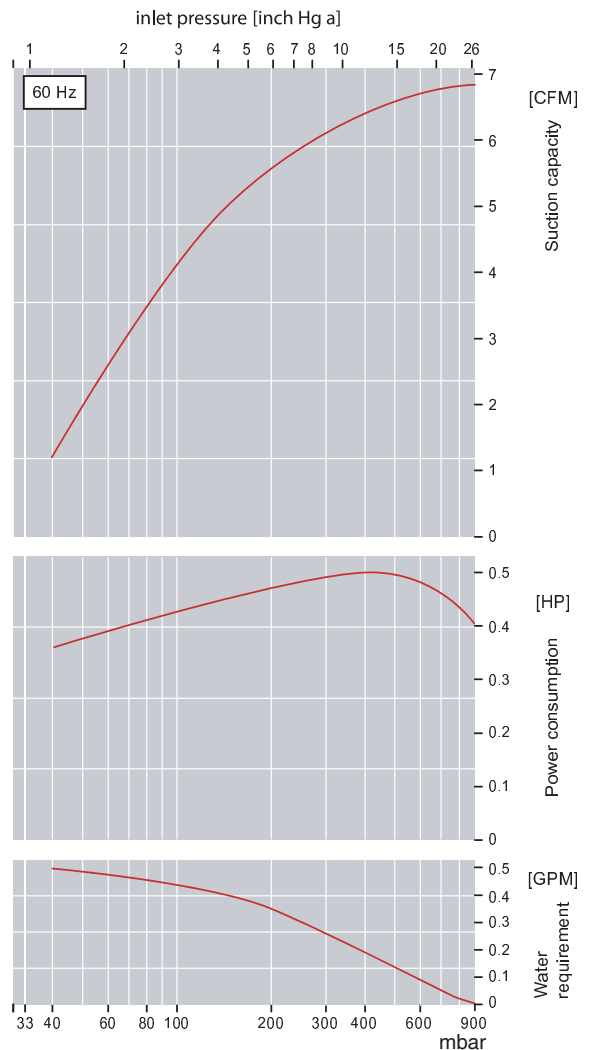
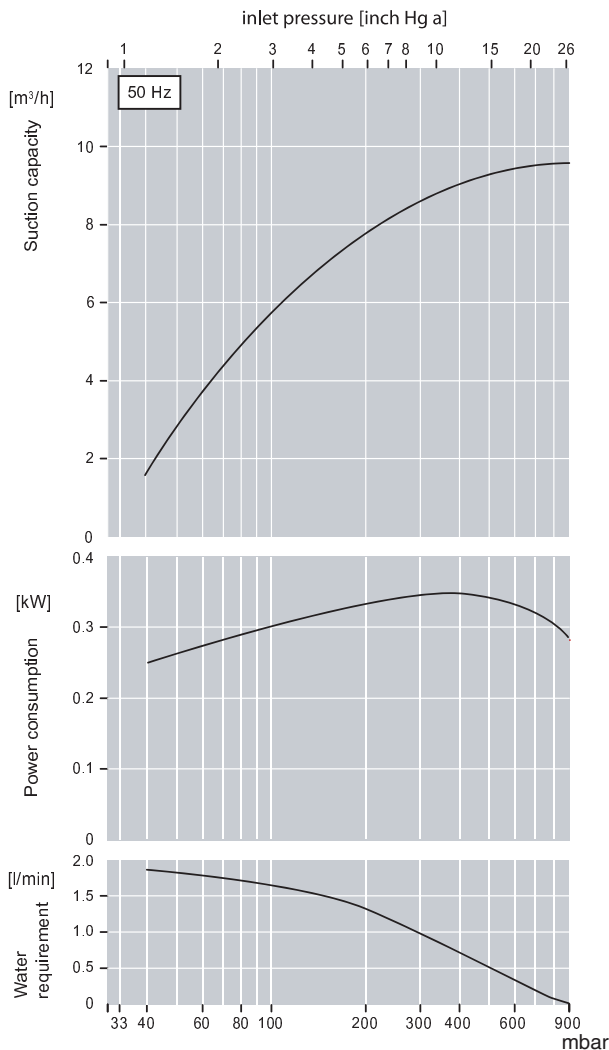


- More compact than conventional liquid ring pumps
- No belts, no couplings - alleviating problems with wear, alignment and belts
- Standard pumps have bronze housing and impeller and PTFE flap valve

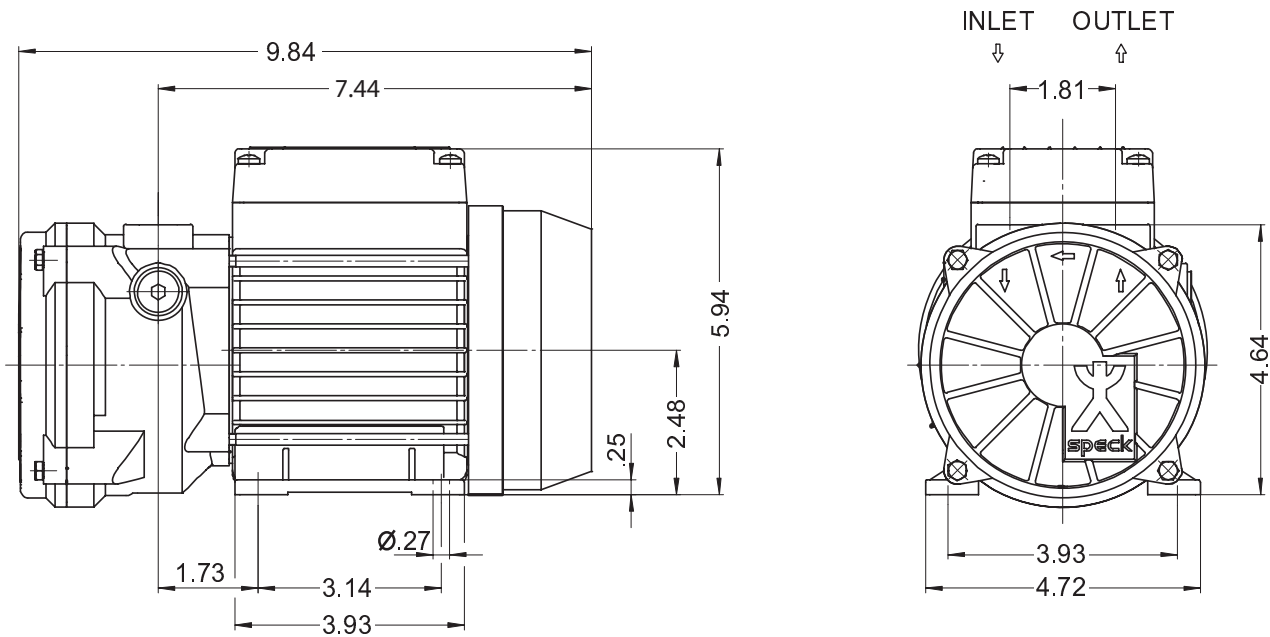
The Airtech 3AV Series closed-coupled Liquid Ring Vacuum Pumps are ideal for various applications that require continuous & quiet operation, a compact design and reduced power consumption.

The single stage, variable discharge port design provides efficient operation from 1 through 262 cfm for vacuum levels up to 29"Hg. The impeller's unique design of slower spinning curved blades reduces tip speed enhancing the life expectancy of the pump.

- Designed for heavy duty applications
- Manufactured to ISO 9001 standards
- Single face mechanical seal arrangement is standard



Dimensions: (inches)



Performance Data

Model	Rated H.P.	CFM	RPM	Voltage Range	Phase	Max. Amps	Seal Water (GPM)	Weight (lbs.)	Inlet/Outlet
3AVI 8.0006	0.7	6.7	3400	230	1	3.1	0.5	20	3/8"
3AVI 8.0013	0.7	6.7	3400	208-230/460	3	2.4/1.4	0.5	20	3/8"

The characteristics are applicable for compression of 20° C (68° F) dry air from inlet pressure to atmospheric pressure (1013 mbar / 30 inch Hg a) for nominal speed and drive with three phase motors. Ring liquid is water at 15° C (59° F). The tolerance of the suction capacity is -10% and of the power consumption is +10%. With different operating conditions characteristic curves change (e.g. differing gas operating liquid conditions, conveying of additional liquids and/or pumping of gas-steam mixtures).

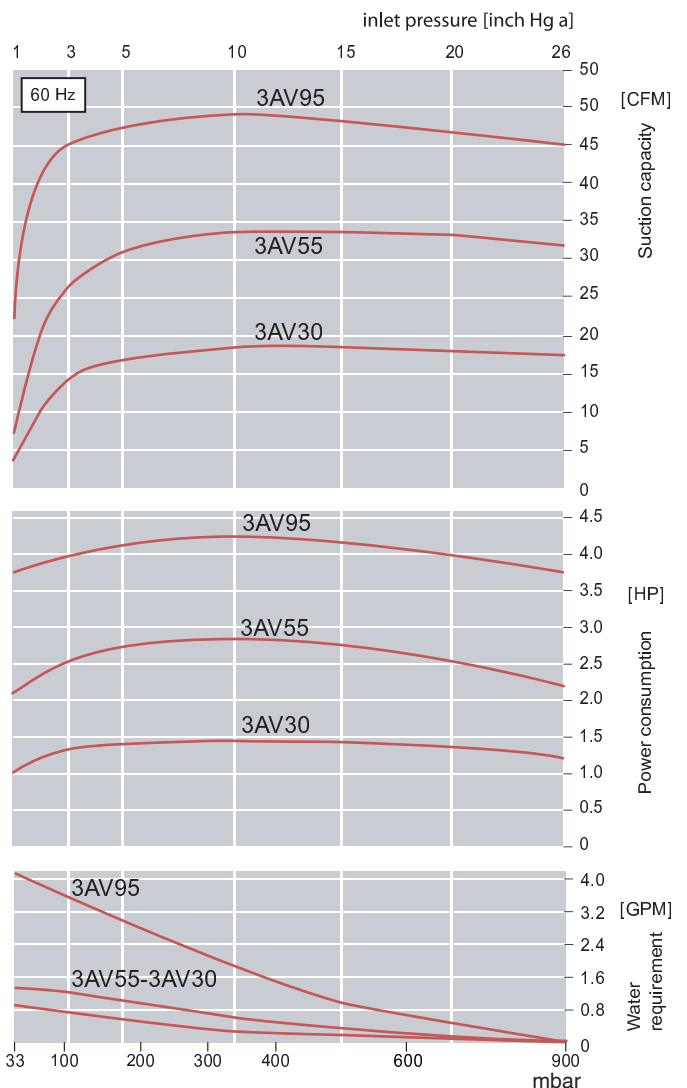
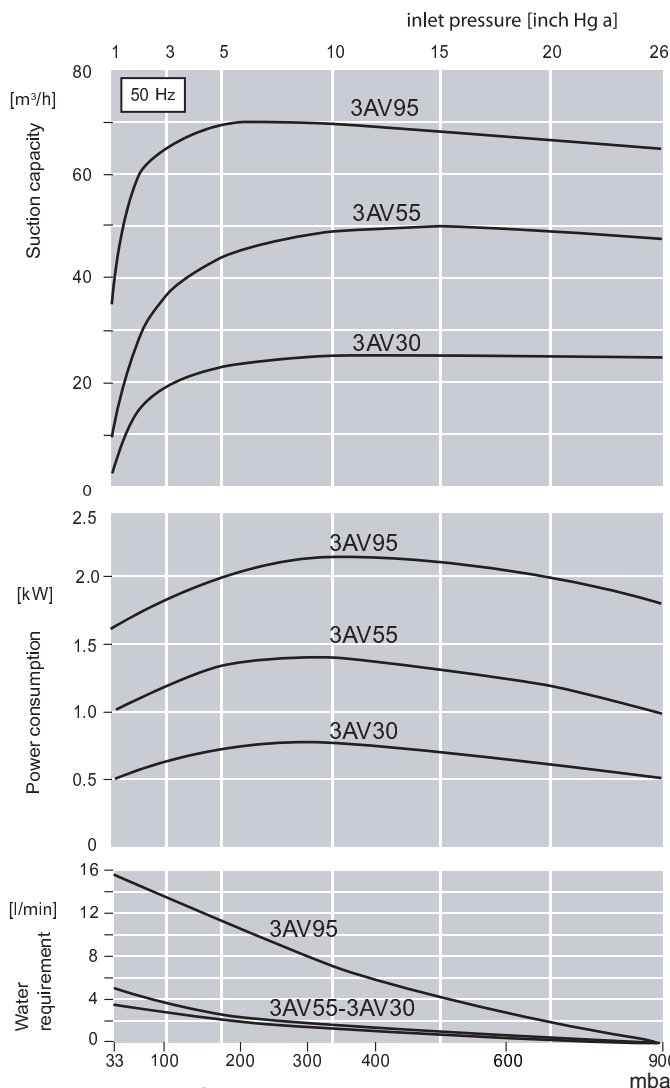


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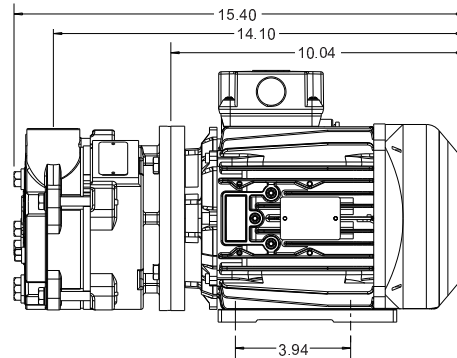
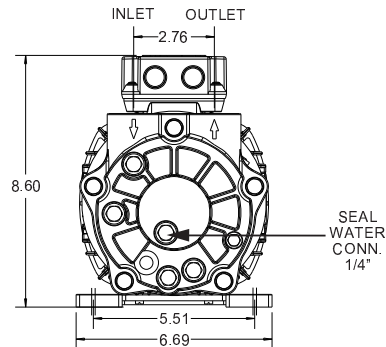
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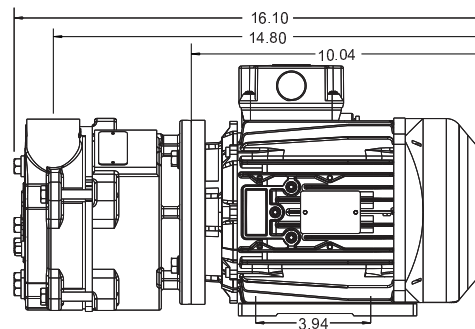
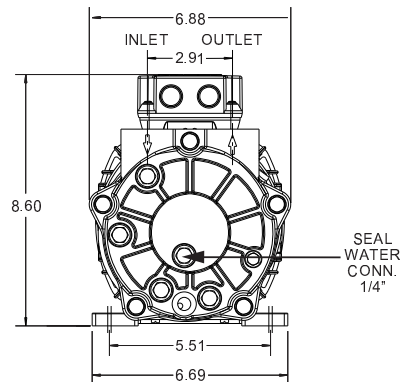


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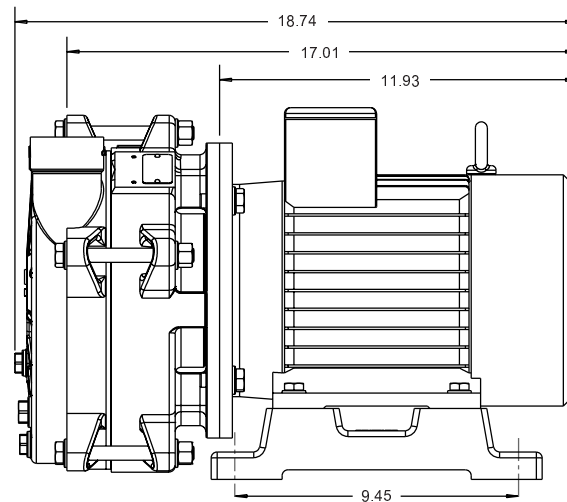
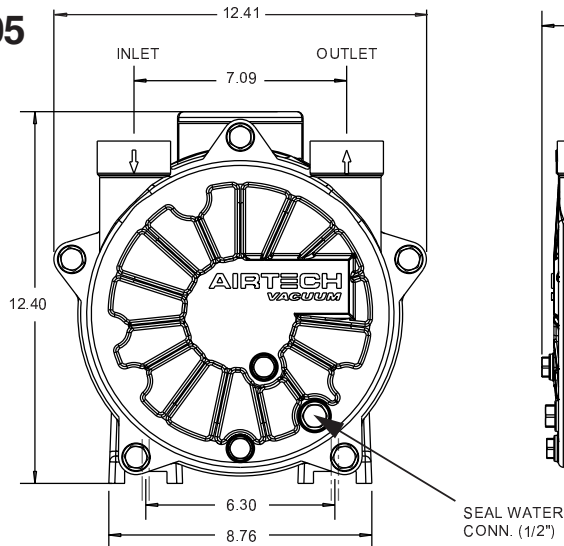
3AV 30



3AV 55



3AV 95



Performance Data - Vacuum (60 Hz)

Model	Rated H.P.	CFM	RPM	Voltage Range	Max Amps	Seal Water (GPM)	Sound Level dB(A)	Weight (lbs.)	Inlet/Outlet
3AV 30	1.5	18	3450	208-230/460	4.9/3.4	1.0	68	44	1"
3AV 55	3.0	33	3450	208-230/460	7.6/4.4	1.5	69	55	1"
3AV 95	4.0	48	1750	208-230/460	12.9/5.9	4.0	65	130	1 1/2"

The characteristics are applicable for compression of 20° C (68° F) dry air from inlet pressure to atmospheric pressure (1013 mbar / 30 inch Hg a) for nominal speed and drive with three phase motors. Ring liquid is water at 15° C (59° F). The tolerance of the suction capacity is -10% and of the power consumption is +10%. With different operating conditions characteristic curves change (e.g. differing gas operating liquid conditions, conveying of additional liquids and/or pumping of gas-steam mixtures).

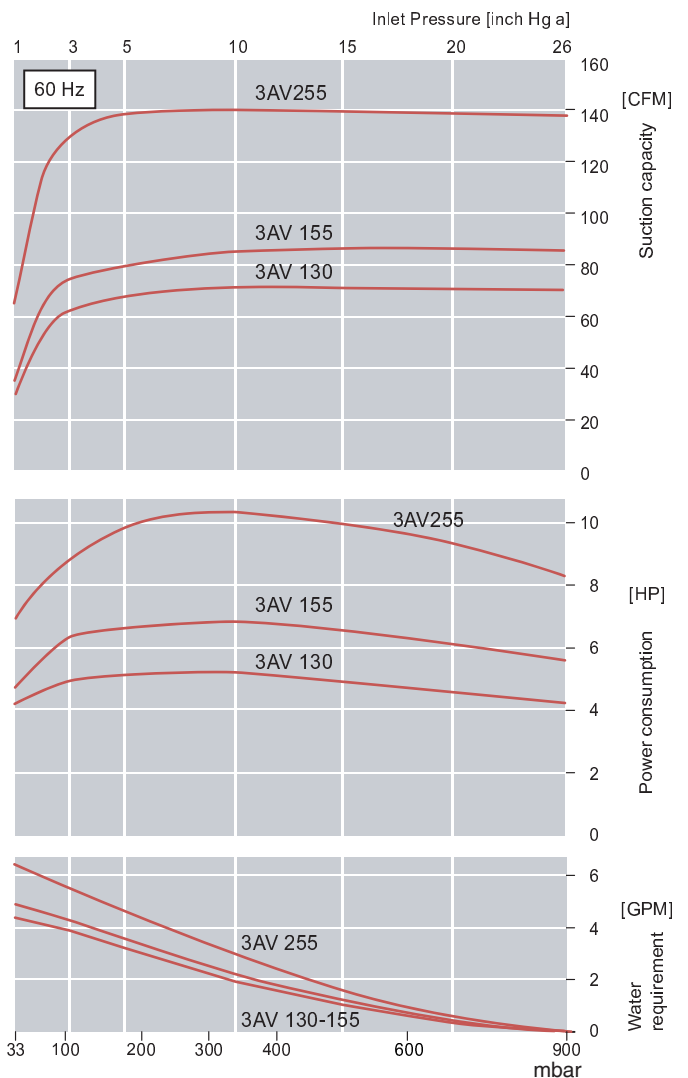
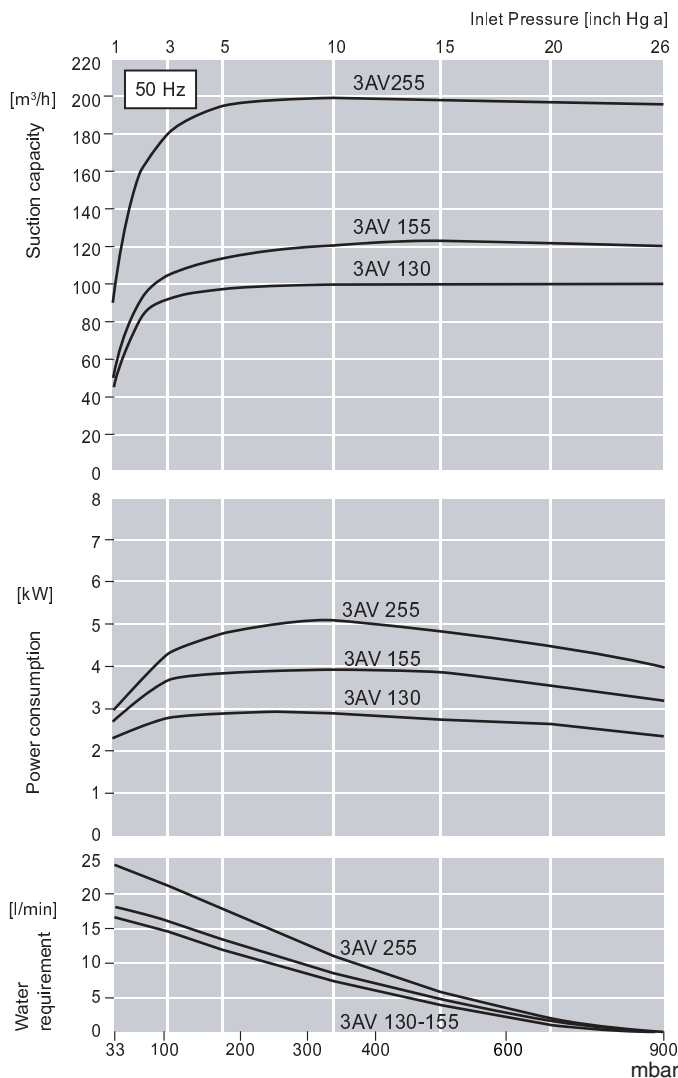


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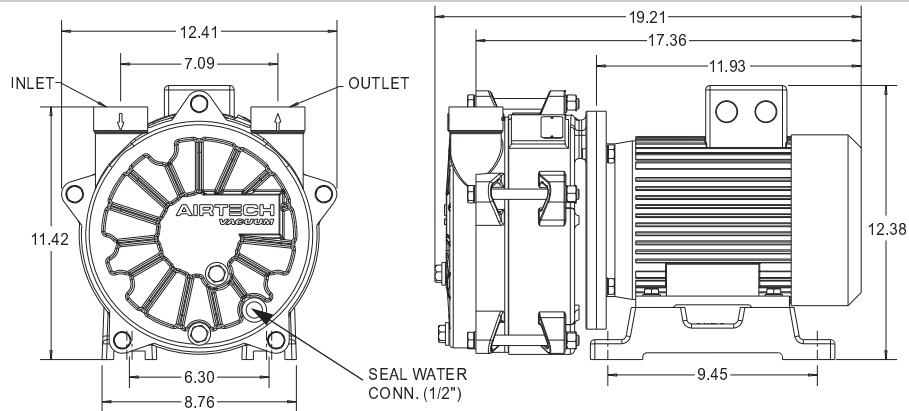
The single stage, variable discharge port design provides efficient operation from 1 through 262 cfm for vacuum levels up to 29"Hg. The impeller's unique design of slower spinning curved blades reduces tip speed enhancing the life expectancy of the pump.

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- Manufactured to ISO 9001 standards
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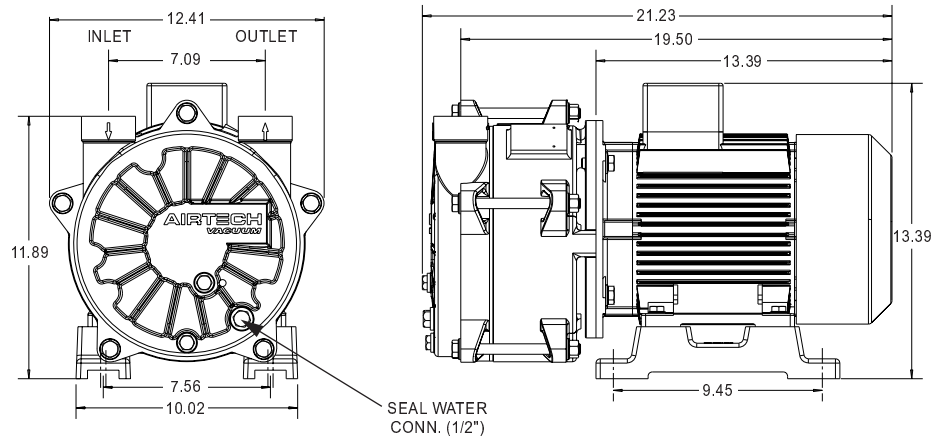


Dimensions: (inches)

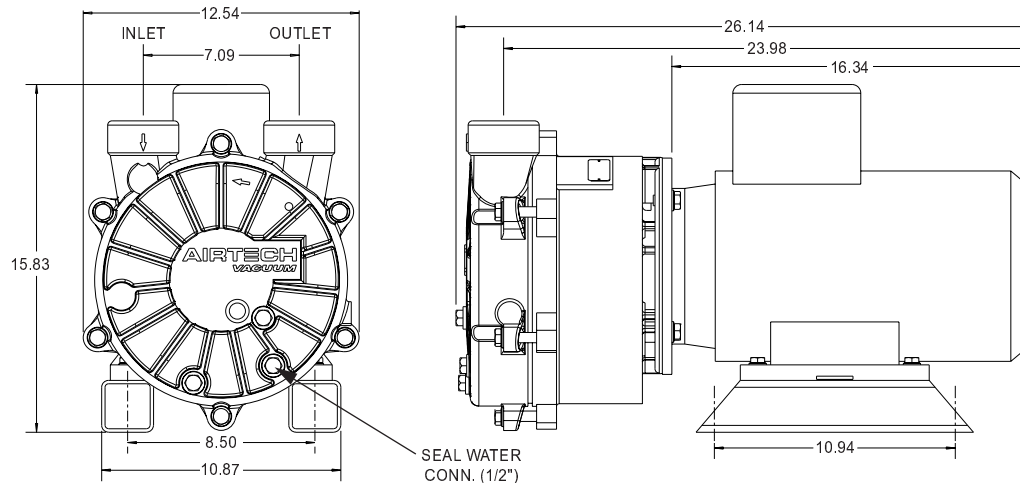
3AV 130



3AV 155



3AV 255



Performance Data - Vacuum (60 Hz)

Model	Rated H.P.	CFM	RPM	Voltage Range	Max Amps	Seal Water (GPM)	Sound Level dB(A)	Weight (lbs.)	Inlet/Outlet
3AV 130	5.0	72	1750	208-230/460	18/8.6	4.5	65	148	1 1/2"
3AV 155	7.5	86	1750	208-230/460	25.5/11.5	5.0	65	183	1 1/2"
3AV 255	10	144	1750	208-230/460	30/15.5	6.2	65	245	2"

The characteristics are applicable for compression of 20° C (68° F) dry air from inlet pressure to atmospheric pressure (1013 mbar / 30 inch Hg a) for nominal speed and drive with three phase motors. Ring liquid is water at 15° C (59° F). The tolerance of the suction capacity is -10% and of the power consumption is +10%. With different operating conditions characteristic curves change (e.g. differing gas operating liquid conditions, conveying of additional liquids and/or pumping of gas-steam mixtures).

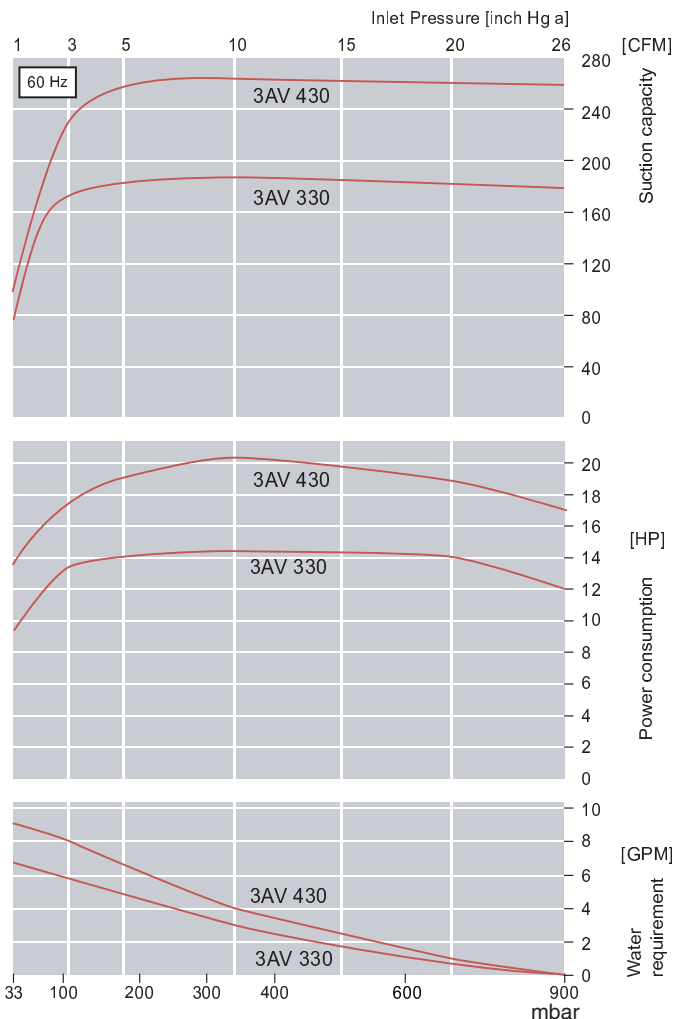
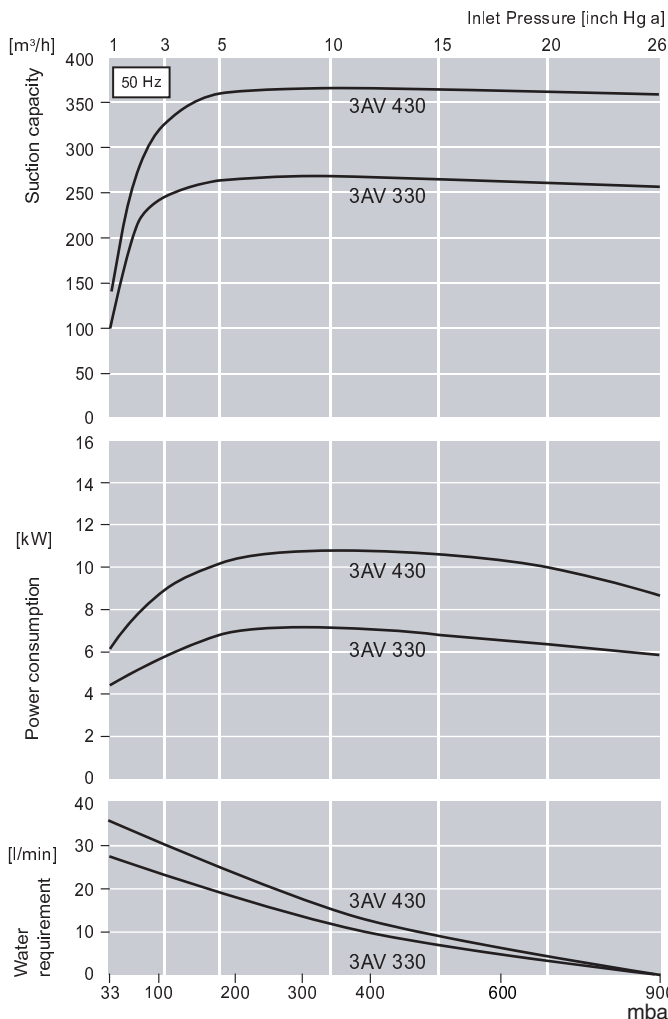


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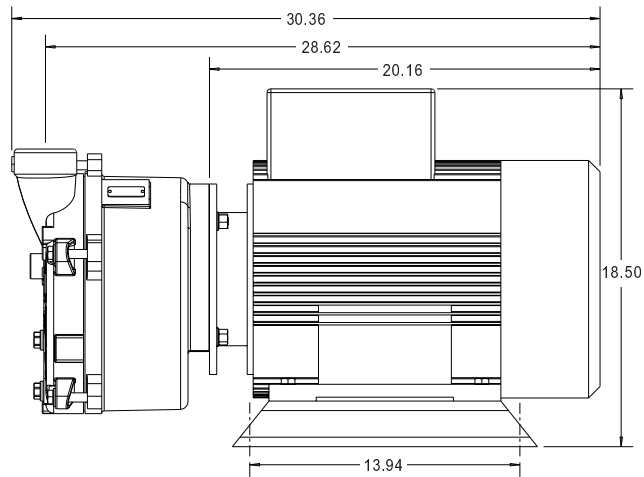
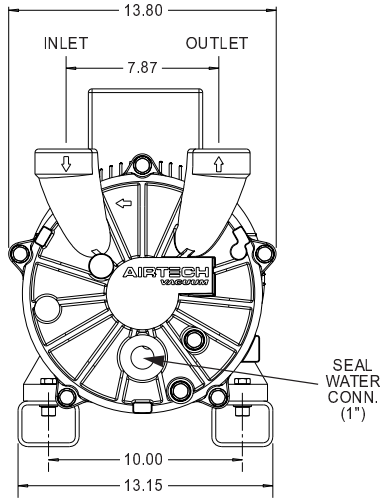
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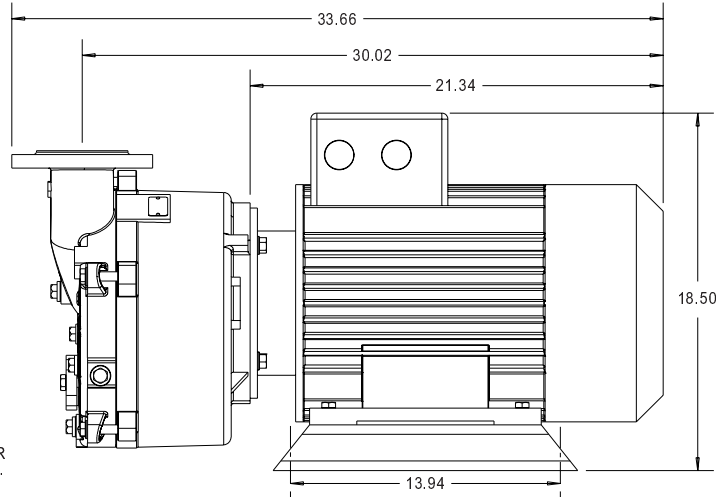
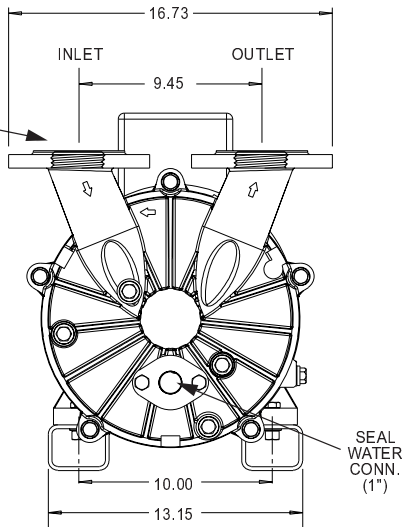
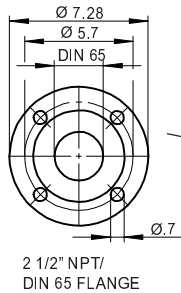


Dimensions: (inches)

3AV 330



3AV 430



Performance Data - Vacuum (60 Hz)

Model	Rated H.P.	CFM	RPM	Voltage Range	Max Amps	Seal Water (GPM)	Sound Level dB(A)	Weight (lbs.)	Inlet/Outlet
3AV 330	15	187	1750	208-230/460	46.5/25	7.2	72	359	2.0"
3AV 430	20	262	1750	208-230/460	68/39	8.5	72	392	2.5"

The characteristics are applicable for compression of 20° C (68° F) dry air from inlet pressure to atmospheric pressure (1013 mbar / 30 inch Hg a) for nominal speed and drive with three phase motors. Ring liquid is water at 15° C (59° F). The tolerance of the suction capacity is -10% and of the power consumption is +10%. With different operating conditions characteristic curves change (e.g. differing gas operating liquid conditions, conveying of additional liquids and/or pumping of gas-steam mixtures).