

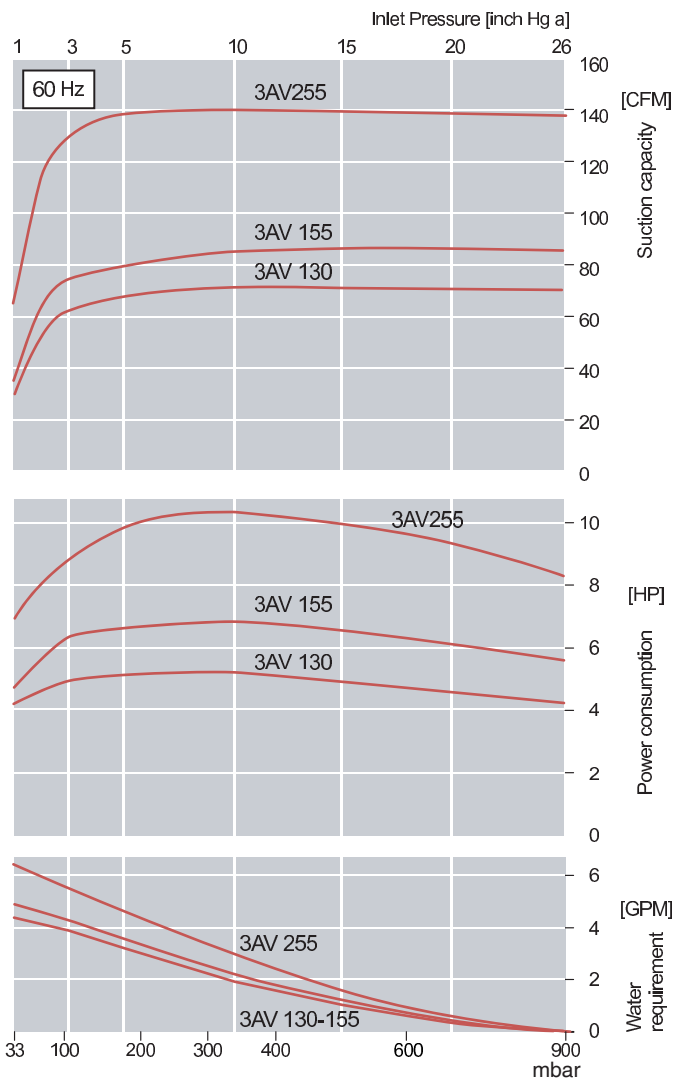
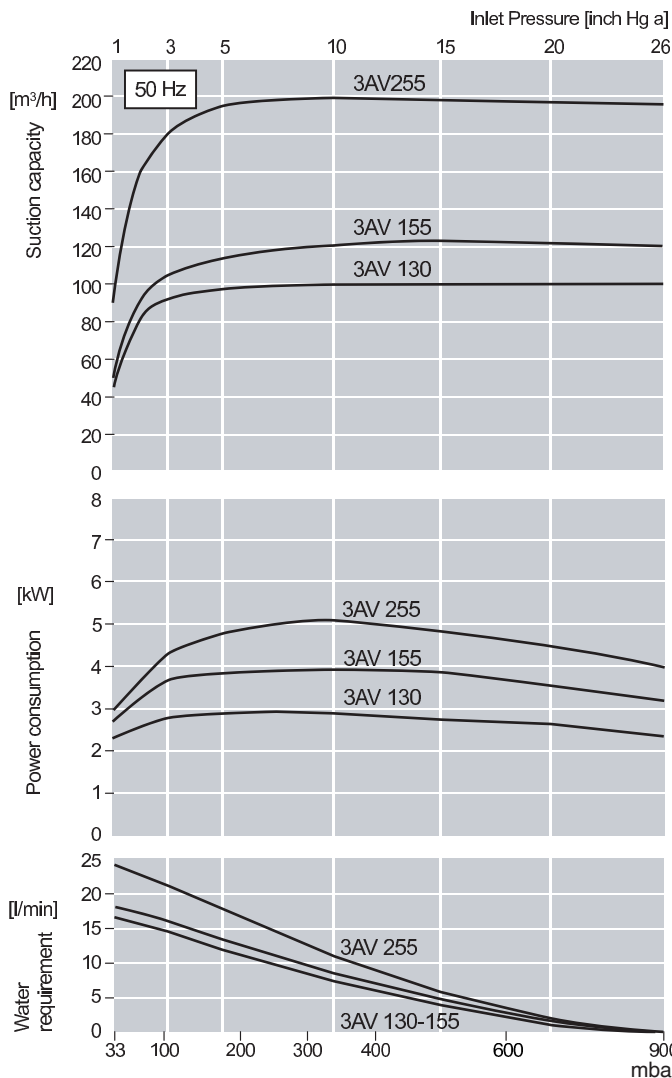


- More compact than conventional liquid ring pumps
- No belts, no couplings - alleviating problems with wear, alignment and belts
- Standard pumps have cast iron housing, Stainless Steel impeller & PTFE flap valve.

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.

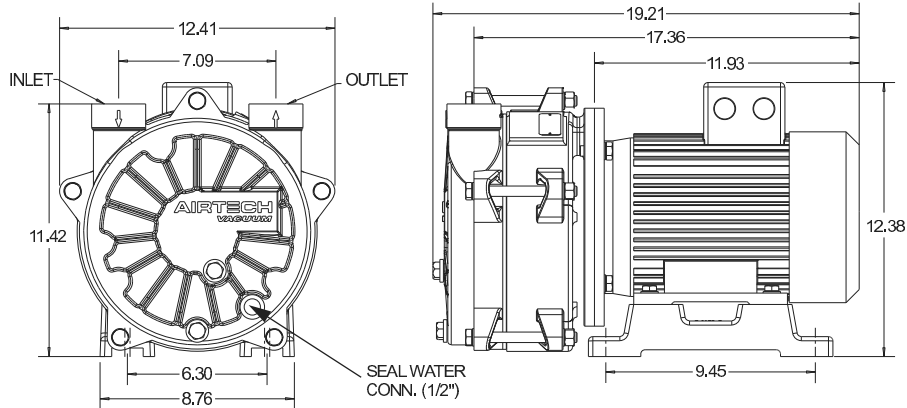
The single stage, variable discharge port design provides efficient operation from 1 through 262 cfm for vacuum levels up to 29"Hg. The impeller's unique design of slower spinning curved blades reduces tip speed enhancing the life expectancy of the pump.

- Other materials of construction are available
- Designed for heavy duty applications
- Manufactured to ISO 9001 standards
- Single face mechanical seal arrangement is standard

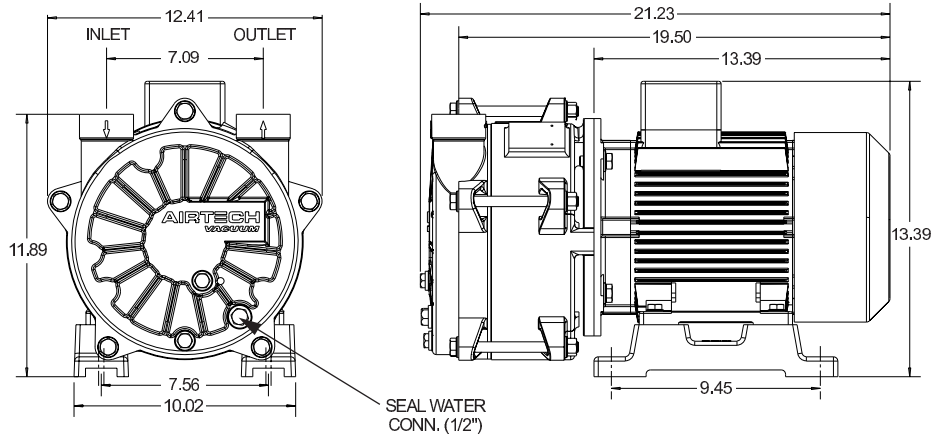


### Dimensions: (inches)

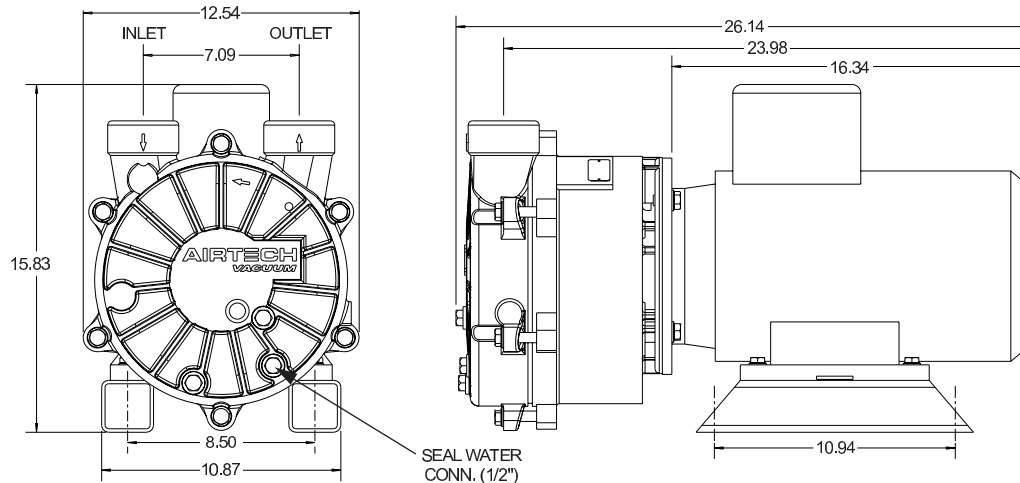
#### 3AV 130



#### 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).