

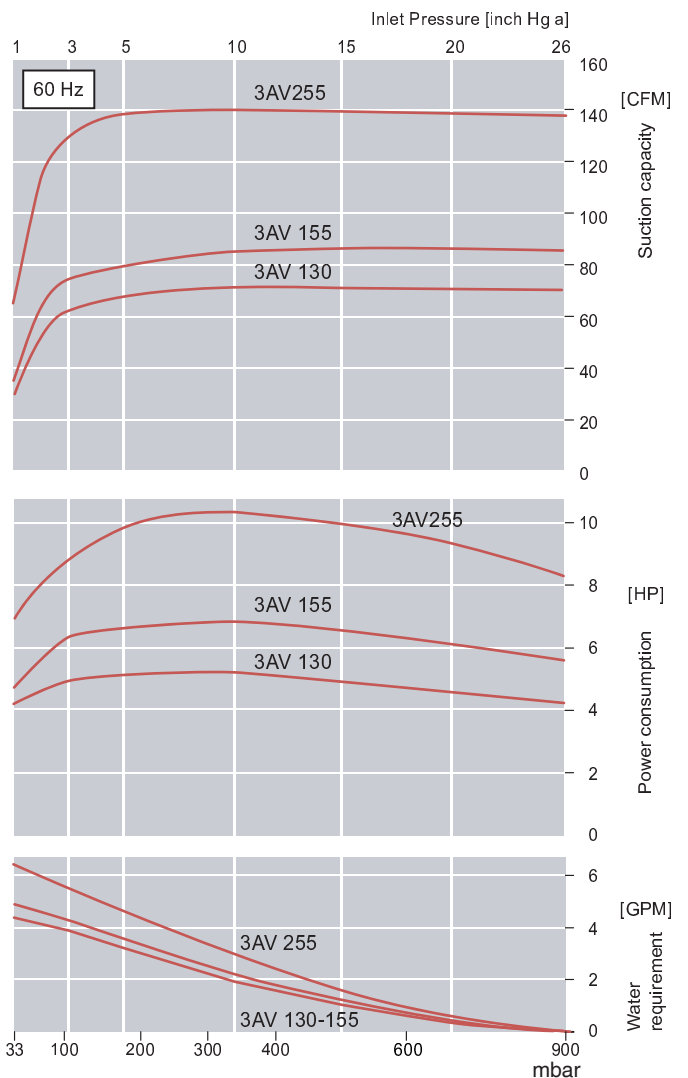
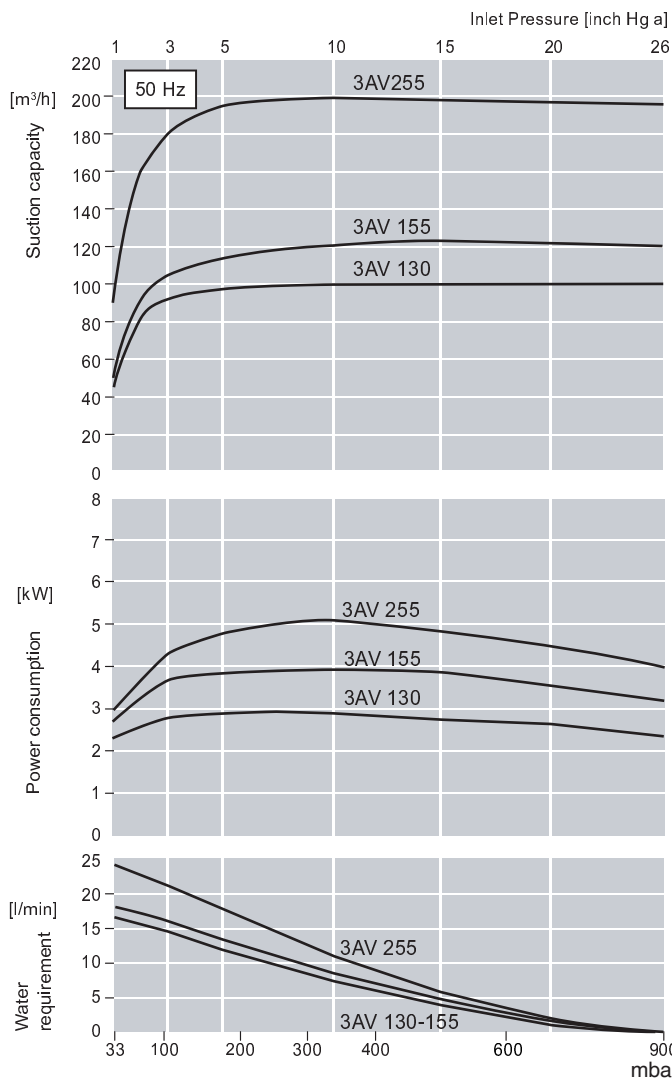


- More compact than conventional liquid ring pumps
- No belts, no couplings - alleviating problems with wear, alignment and belts
- Standard pumps have cast iron housing, Stainless Steel impeller & PTFE flap valve.

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.

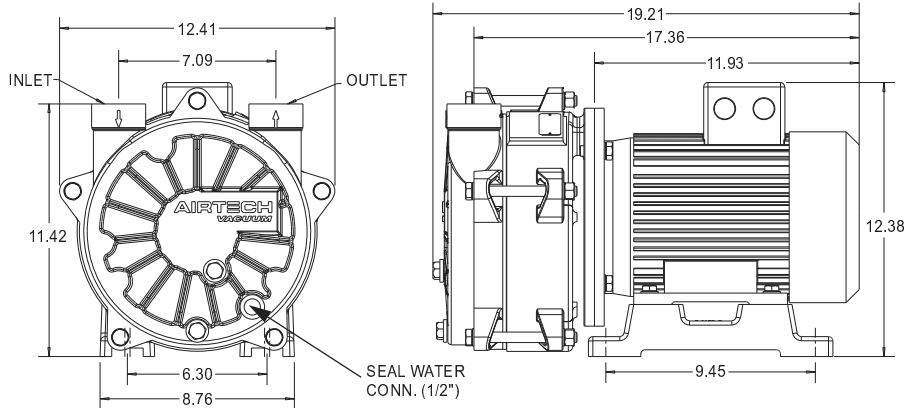
The single stage, variable discharge port design provides efficient operation from 1 through 262 cfm for vacuum levels up to 29"Hg. The impeller's unique design of slower spinning curved blades reduces tip speed enhancing the life expectancy of the pump.

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

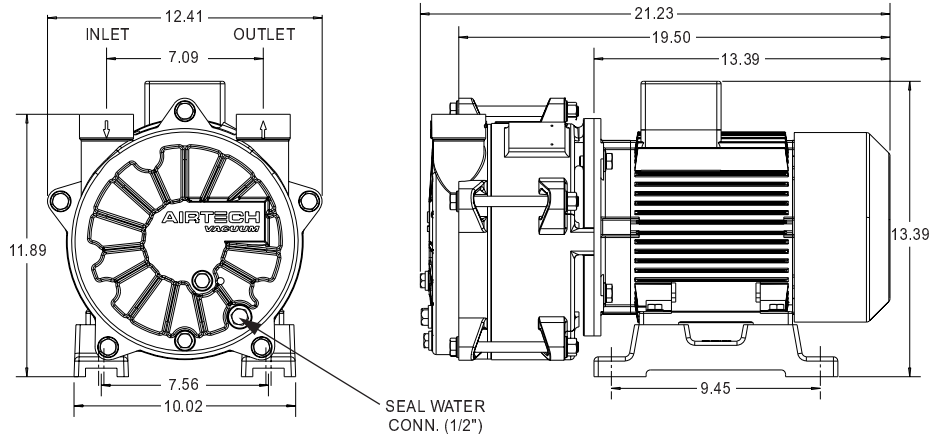


Dimensions: (inches)

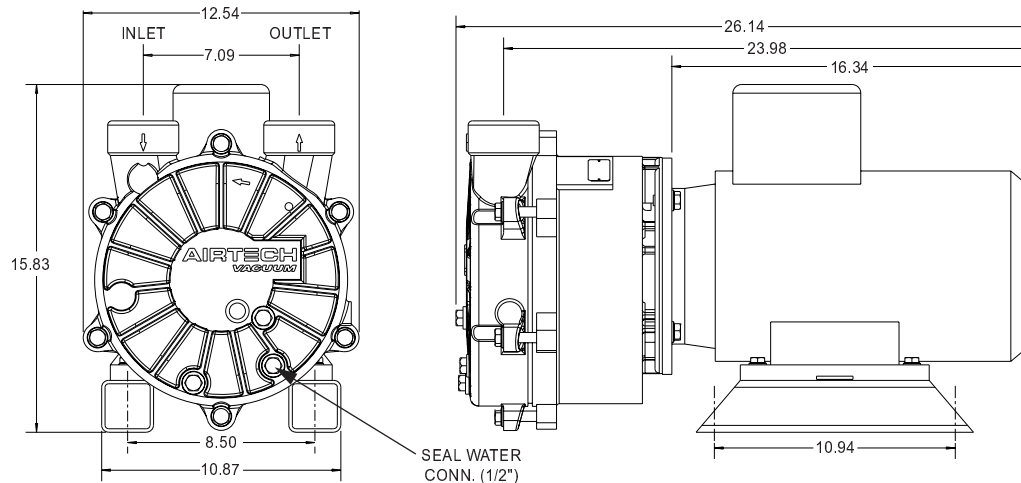
3AV 130



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).