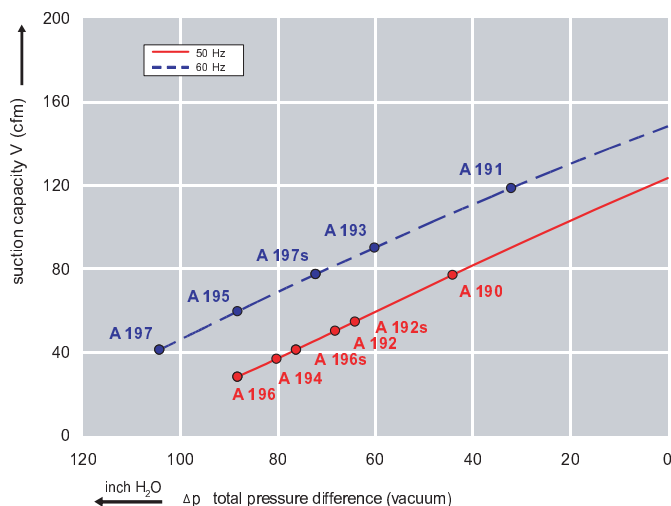


## Features:

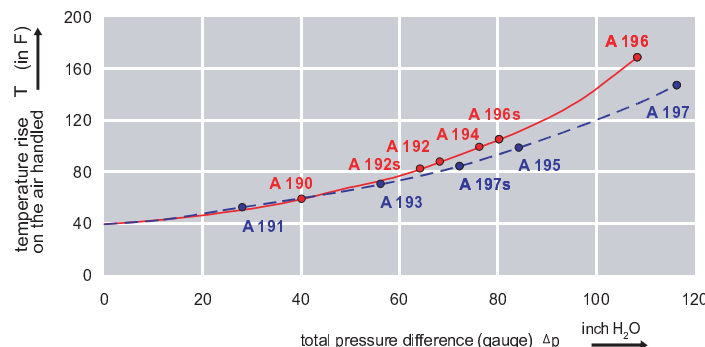
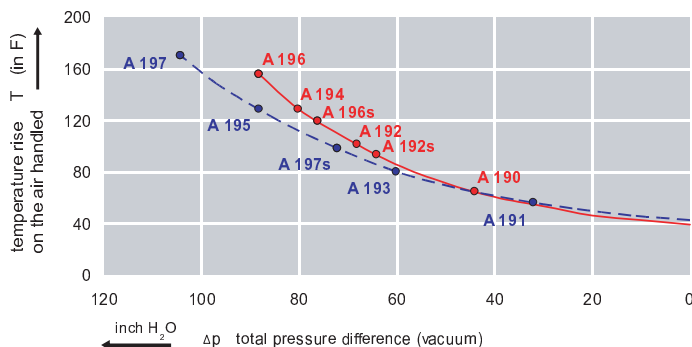
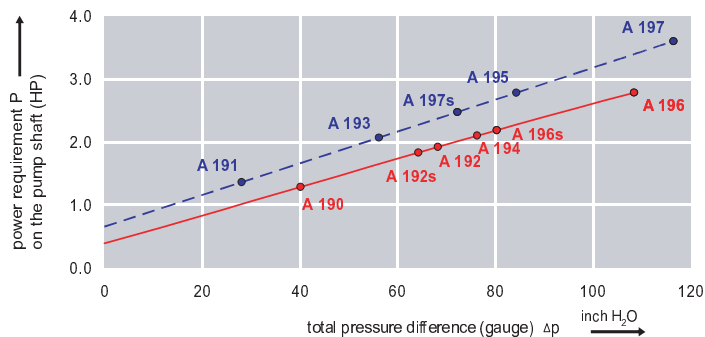
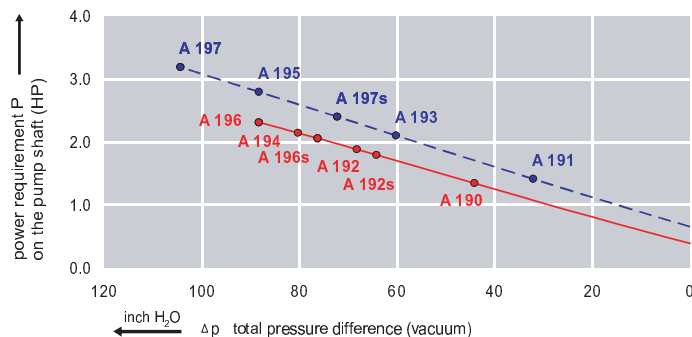
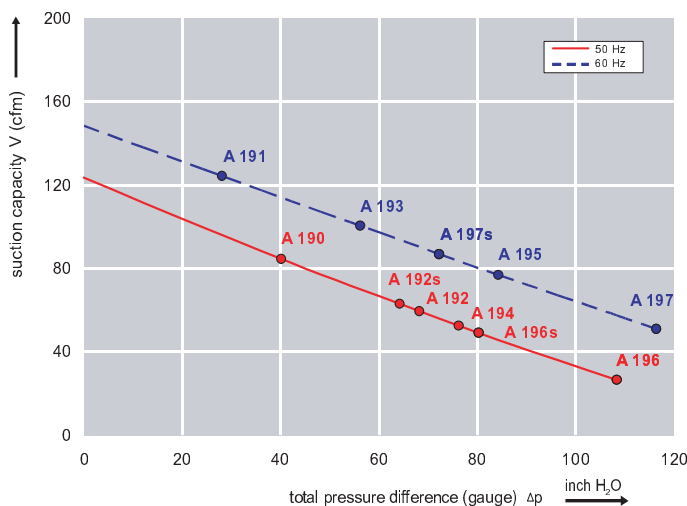


- Cooler running, outboard bearing provides maintenance-free operation
- Environmentally friendly oil-free technology
- Extremely quiet operation
- All motors are standard TEFC with Class F insulation, UL recognized, CE Compliant  
*Explosion-Proof motors available*
- Custom construction blowers are available
- Rugged die cast aluminum construction

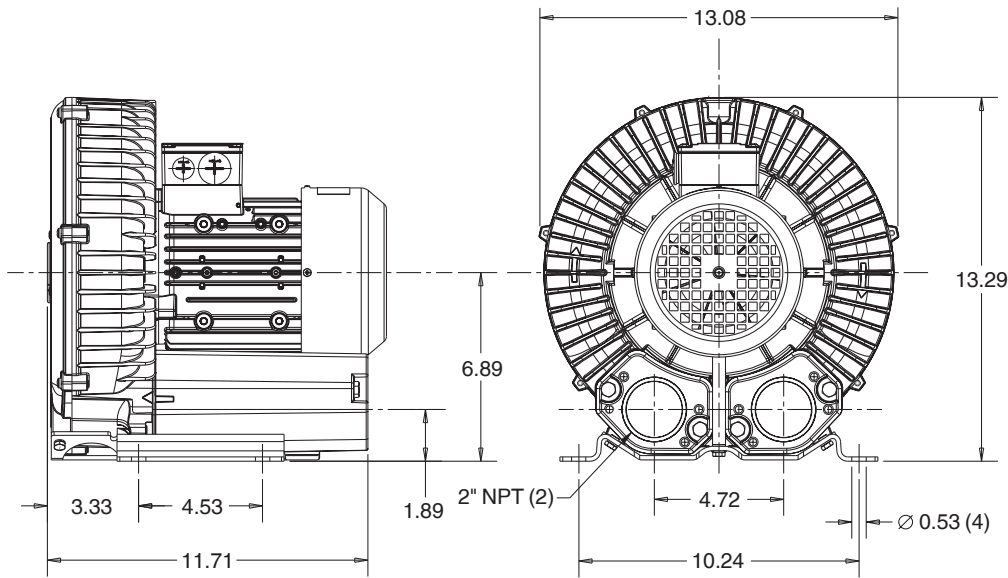
Performance curve for Vacuum pump



Performance curve for Compressor



### Dimensions: (inches)



### Recommended Accessories:

#### Relief valve:

VC61Z (Vacuum)  
PC61Z (Pressure)

#### Filter:

ATF-200-15124/1  
(Vacuum)  
AFS-30-200-10  
(Pressure)

Specifications subject to change without notice. Please contact factory for specification updates.

### Selection & Ordering Data - Type 3BA1500

| Curve No.                                                         | Order No.     | Fre-<br>quency | Rated<br>power | Input voltage |               | Input current |      | Permissible total differential pressure |                        | Sound pressure level<br><br>dB(A) | Weight<br><br>lbs |
|-------------------------------------------------------------------|---------------|----------------|----------------|---------------|---------------|---------------|------|-----------------------------------------|------------------------|-----------------------------------|-------------------|
|                                                                   |               | Hz             | HP             | V             |               | A             |      | Vacuum<br>inch H2O                      | Compressor<br>inch H2O |                                   |                   |
| 3~ 50/60 Hz IP55 insulation material class F                      |               |                |                |               |               |               |      |                                         |                        |                                   |                   |
| A 190                                                             | 3BA1500-7AT06 | 50             | 1.14           | 200D ... 240D | 345Y ... 415Y | 4.2D          | 2.4Y | -44                                     | 40                     | 64                                | 40                |
| A 191                                                             | 3BA1500-7AT06 | 60             | 1.27           | 220D ... 250D | 415Y ... 460Y | 4.35D         | 2.5Y | -32                                     | 28                     | 70                                | 40                |
| A 192                                                             | 3BA1500-7AT16 | 50             | 1.74           | 200D ... 240D | 345Y ... 415Y | 5.7D          | 3.3Y | -68                                     | 68                     | 64                                | 44                |
| A 193                                                             | 3BA1500-7AT16 | 60             | 2.0            | 220D ... 250D | 415Y ... 460Y | 5.5D          | 3.2Y | -60                                     | 56                     | 70                                | 44                |
| A 194                                                             | 3BA1500-7AT26 | 50             | 2.14           | 200D ... 240D | 345Y ... 415Y | 7.5D          | 4.3Y | -80                                     | 76                     | 64                                | 46                |
| A 195                                                             | 3BA1500-7AT26 | 60             | 2.75           | 220D ... 250D | 415Y ... 460Y | 7.5D          | 4.4Y | -88                                     | 84                     | 70                                | 46                |
| A 196                                                             | 3BA1500-7AT36 | 50             | 2.95           | 200D ... 240D | 345Y ... 415Y | 9.7D          | 5.6Y | -88                                     | 108                    | 64                                | 55                |
| A 197                                                             | 3BA1500-7AT36 | 60             | 3.42           | 220D ... 250D | 415Y ... 460Y | 9.0D          | 5.3Y | -104                                    | 116                    | 70                                | 55                |
| 1~ 50/60 Hz IP55 with attached capacitor for continuous operation |               |                |                |               |               |               |      |                                         |                        |                                   |                   |
| A 196s                                                            | 3BA1500-7AS35 | 50             | 2.0            | 115           | 230           | 22.0          | 11.0 | -76                                     | 80                     | 64                                | 48                |
| A 197s                                                            | 3BA1500-7AS35 | 60             | 2.35           | 115           | 230           | 24.0          | 12.0 | -72                                     | 72                     | 70                                | 48                |

Suitable for 208 Volt Operation

All curves are rated at 14.7 psia and 68°F ambient conditions and are reported in SCFM referenced to 68°F and 14.696 psia sea level conditions. Curve values are nominal, actual performance may vary by up to 10% of the values indicated. For inlet temperatures above approximately 80 °F or for handling gases other than air, please contact your Airtech sales representative for assistance.