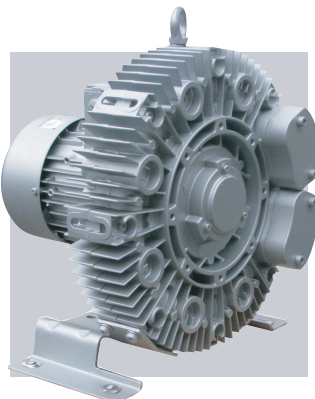
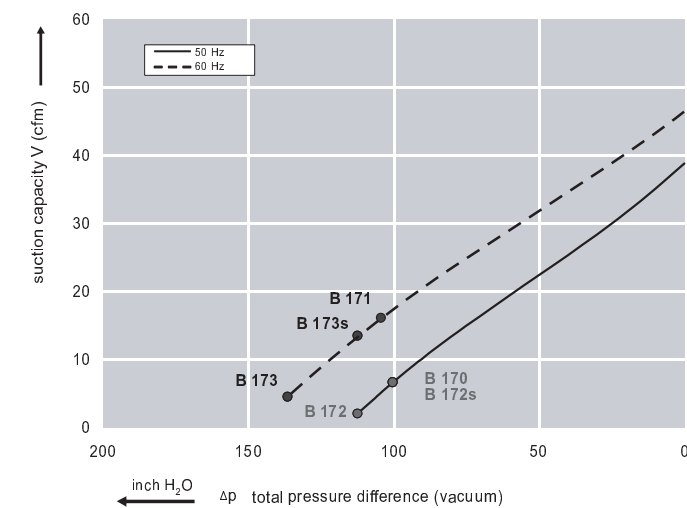




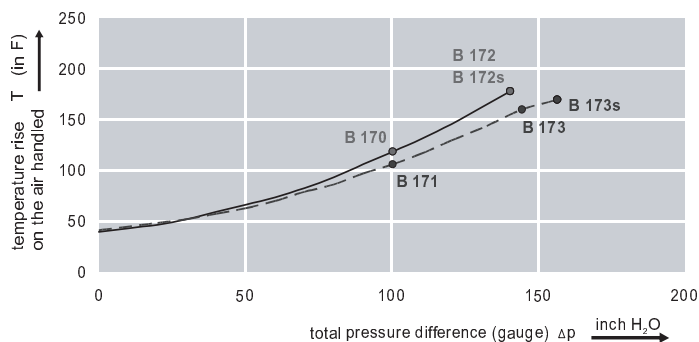
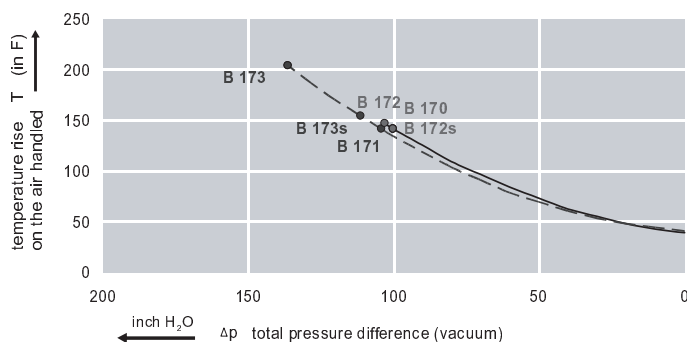
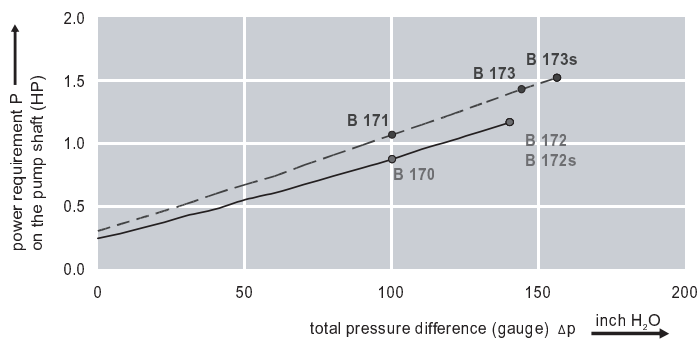
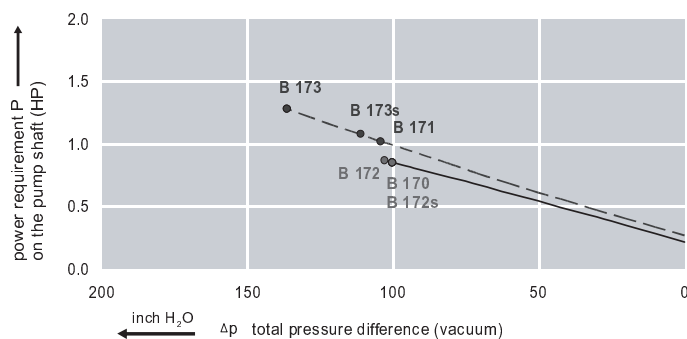
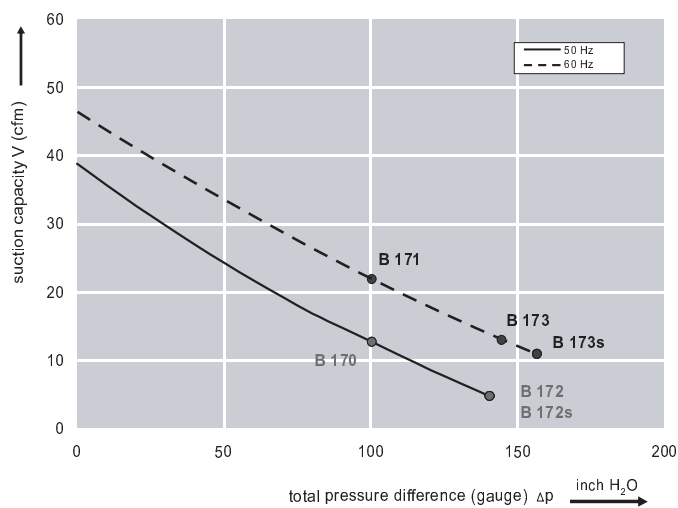
### Features:

- 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

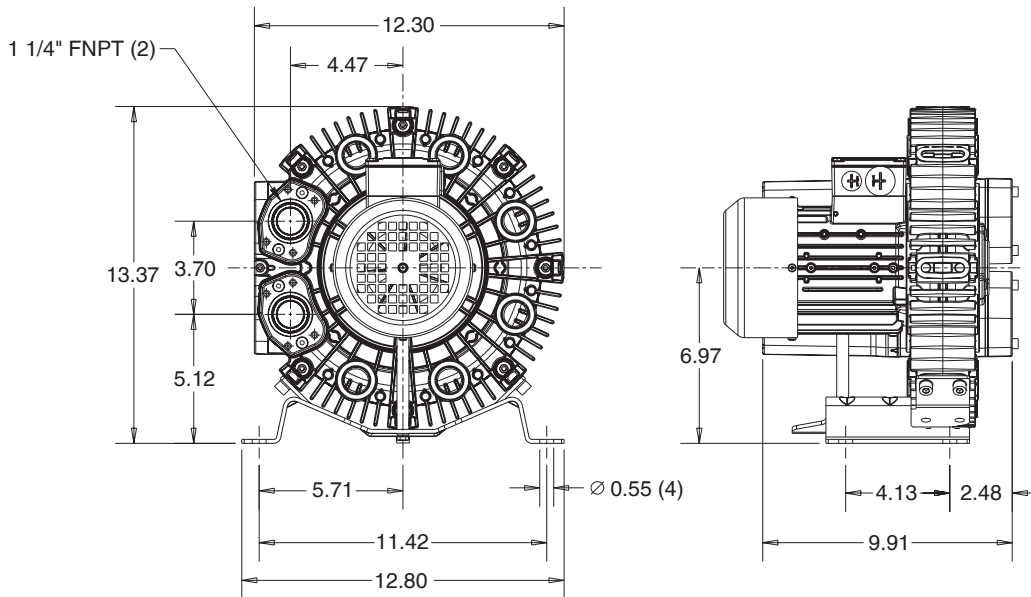
Performance curve for Vacuum pump



Performance curve for Compressor



## Dimensions: (inches)



## Recommended Accessories:

### Relief valve:

VC51Z (Vacuum)

PC51Z (Pressure)

### Filter:

ATF-125-1337  
(Vacuum)

AFS-20-125-10  
(Pressure)

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

## Selection & Ordering Data - Type 3BA7310

| Curve No.                                                         | Order No.     | Fre-<br>quency | Rated<br>power | Input voltage |               | Input current |       | Permissible total differential pressure |                        | Sound pressure level | Weight |
|-------------------------------------------------------------------|---------------|----------------|----------------|---------------|---------------|---------------|-------|-----------------------------------------|------------------------|----------------------|--------|
|                                                                   |               | Hz             | HP             | V             |               | A             |       | Vacuum<br>inch H2O                      | Compressor<br>inch H2O | dB(A)                | lbs    |
| 3~ 50/60 Hz IP55 insulation material class F                      |               |                |                |               |               |               |       |                                         |                        |                      |        |
| B 170                                                             | 3BA7310-0AT16 | 50             | 0.73           | 200D ... 240D | 345Y ... 415Y | 2.8 D         | 1.6 Y | -100                                    | 100                    | 57                   | 35     |
| B 171                                                             | 3BA7310-0AT16 | 60             | 1.11           | 220D ... 250D | 415Y ... 460Y | 3.75D         | 2.15Y | -104                                    | 100                    | 62                   | 35     |
| B 172                                                             | 3BA7310-0AT26 | 50             | 1.09           | 200D ... 240D | 345Y ... 415Y | 4.0 D         | 2.3Y  | -112                                    | 141                    | 57                   | 37     |
| B 173                                                             | 3BA7310-0AT26 | 60             | 1.26           | 220D ... 250D | 415Y ... 460Y | 4.0 D         | 2.3Y  | -136                                    | 145                    | 62                   | 37     |
| 1~ 50/60 Hz IP55 with attached capacitor for continuous operation |               |                |                |               |               |               |       |                                         |                        |                      |        |
| B 172s                                                            | 3BA7310-0AS75 | 50             | 1.26           | 115           | 230           | 15.2          | 7.6   | -100                                    | 141                    | 57                   | 40     |
| B 173s                                                            | 3BA7310-0AS75 | 60             | 1.47           | 115           | 230           | 18.0          | 9.0   | -112                                    | 157                    | 62                   | 40     |

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.