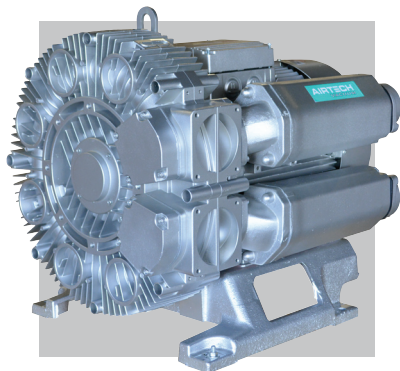
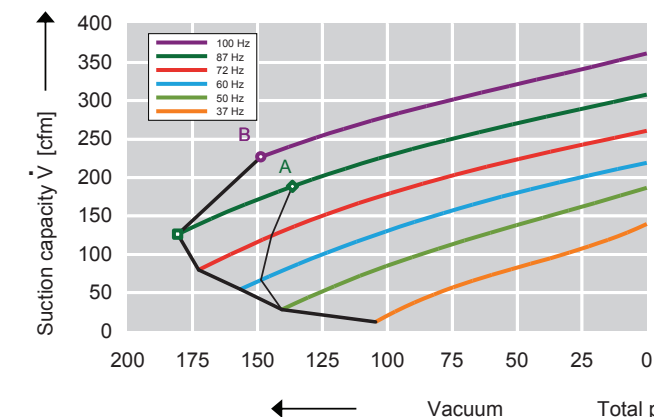




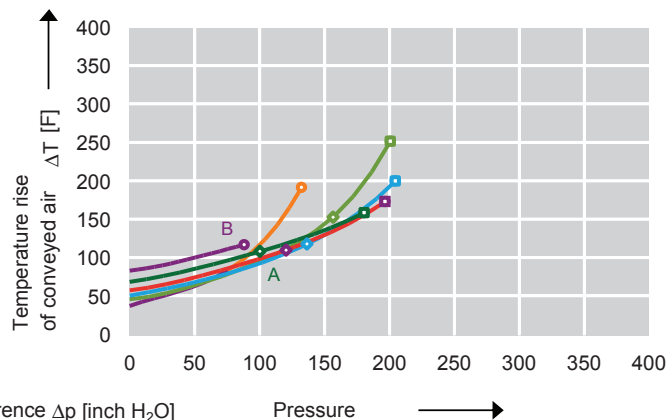
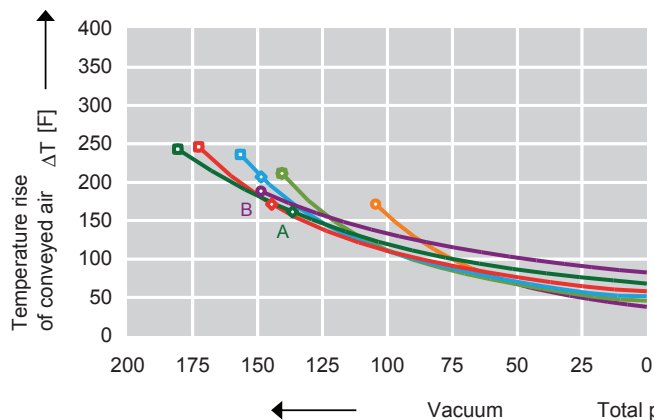
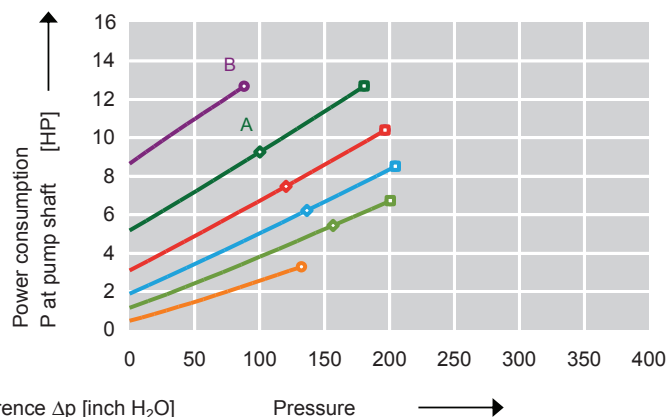
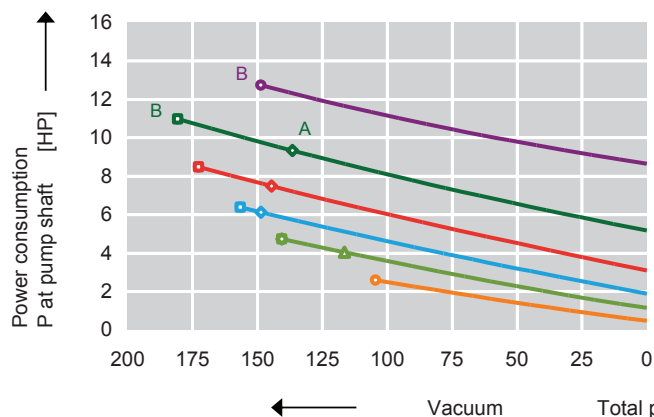
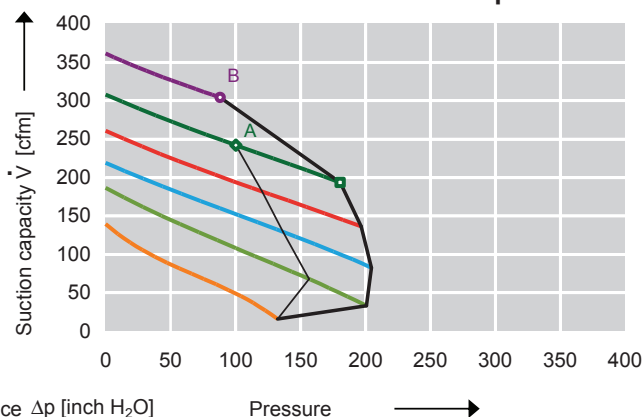
### Features:

- 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

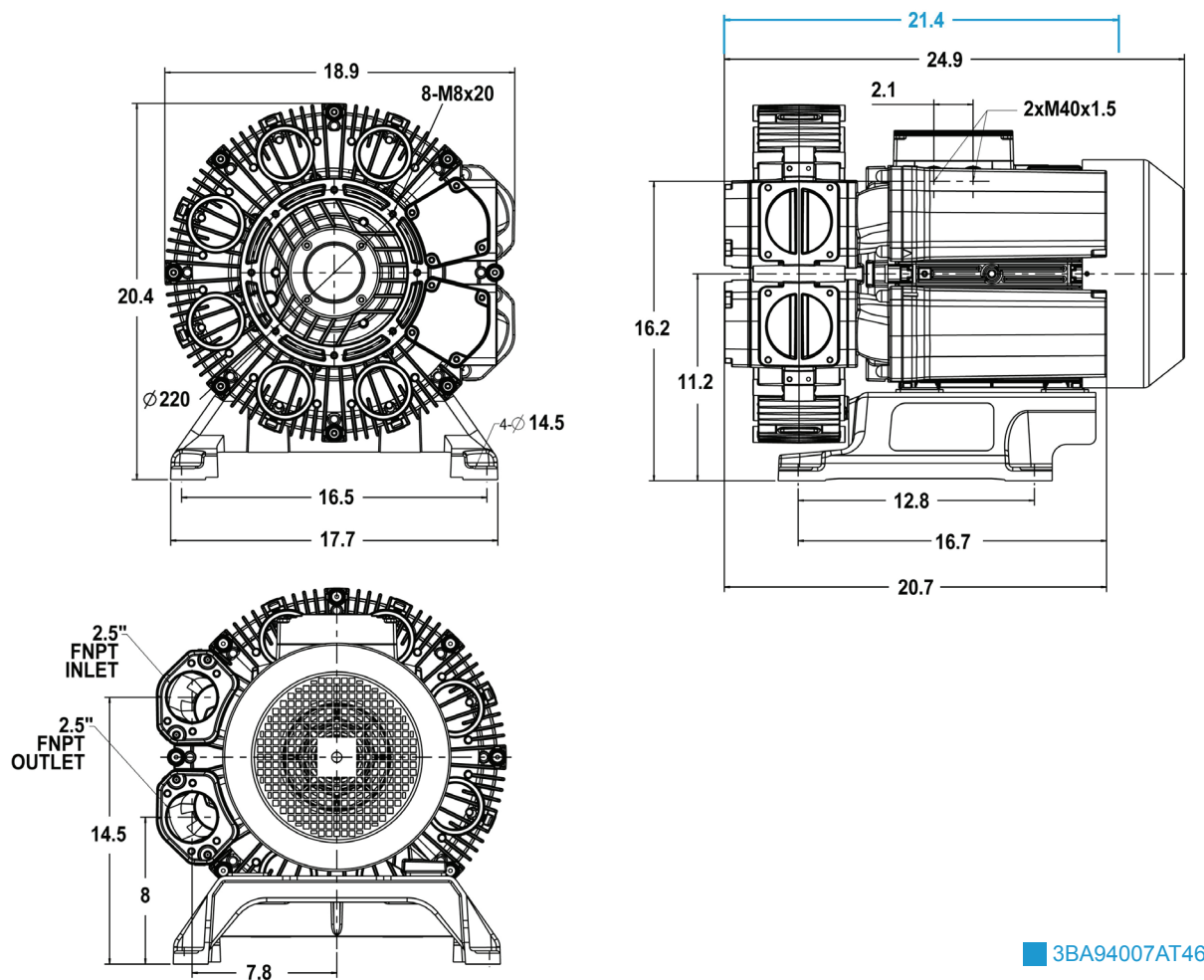
#### Performance Curve for Vacuum



#### Performance Curve for Compressor



## Dimensions



## Selection & Ordering Data - Type 3BA9400

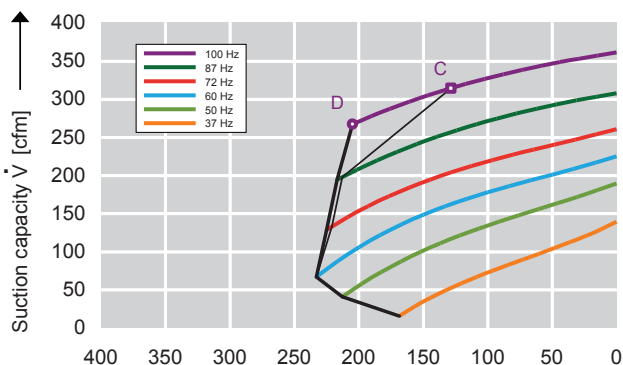
| Curve Letter                              | Order Number | Frequency (Hz) | Rated Power (HP) | Input Voltage (V) |             | Input Current (A) | Permissible Total Differential Pressure |                      | Sound Level dB(A) | Weight (lbs) |
|-------------------------------------------|--------------|----------------|------------------|-------------------|-------------|-------------------|-----------------------------------------|----------------------|-------------------|--------------|
|                                           |              |                |                  |                   |             |                   | Vacuum<br>Inch H2O                      | Pressure<br>Inch H2O |                   |              |
| 1~50/60 IP155 insulation material class F |              |                |                  |                   |             |                   |                                         |                      |                   |              |
| A                                         | 3BA94007AT46 | 50             | 5.40             | 200D...240D       | 345Y...415Y | 8.4D/4.8Y         | -140                                    | 156                  | 66                | 170          |
| A                                         | 3BA94007AT46 | 60             | 6.10             | 220D...250D       | 415Y...460Y | 8.2D/4.71Y        | -148                                    | 136                  | 70                | 170          |
| A                                         | 3BA94007AT46 | 87             | 9.25             | 345D...415D       |             | 15.1D             | -136                                    | 100                  | 82                | 170          |
| B                                         | 3BA94007AT66 | 50             | 7.37             | 200D...240D       | 345Y...415Y | 22.2D/11.01Y      | -140                                    | 200                  | 70                | 220          |
| B                                         | 3BA94007AT66 | 60             | 8.40             | 220D...250D       | 415Y...460Y | 22.0D/11.01Y      | -156                                    | 204                  | 70                | 220          |
| B                                         | 3BA94007AT66 | 100            | 12.70            | 345D...415D       |             | 20.0D             | -148                                    | 88                   | 83                | 220          |



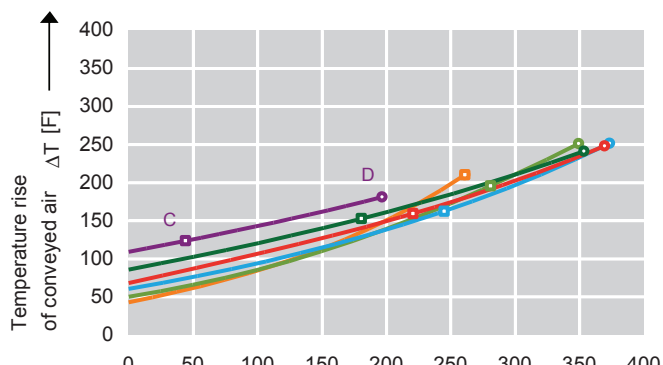
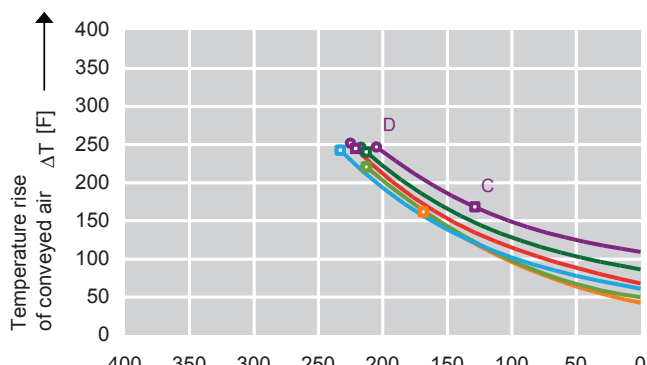
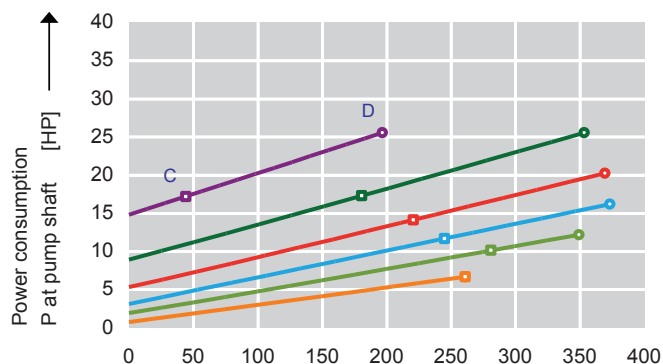
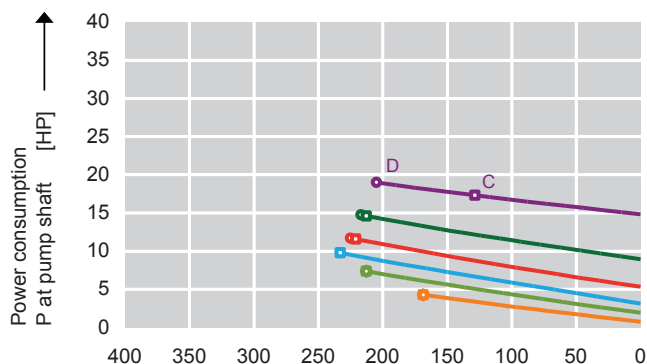
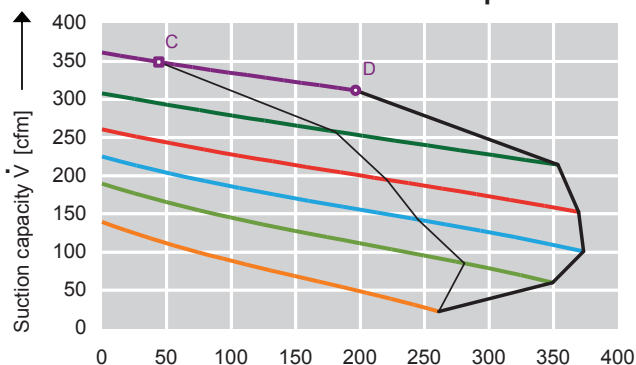
### Features:

- 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

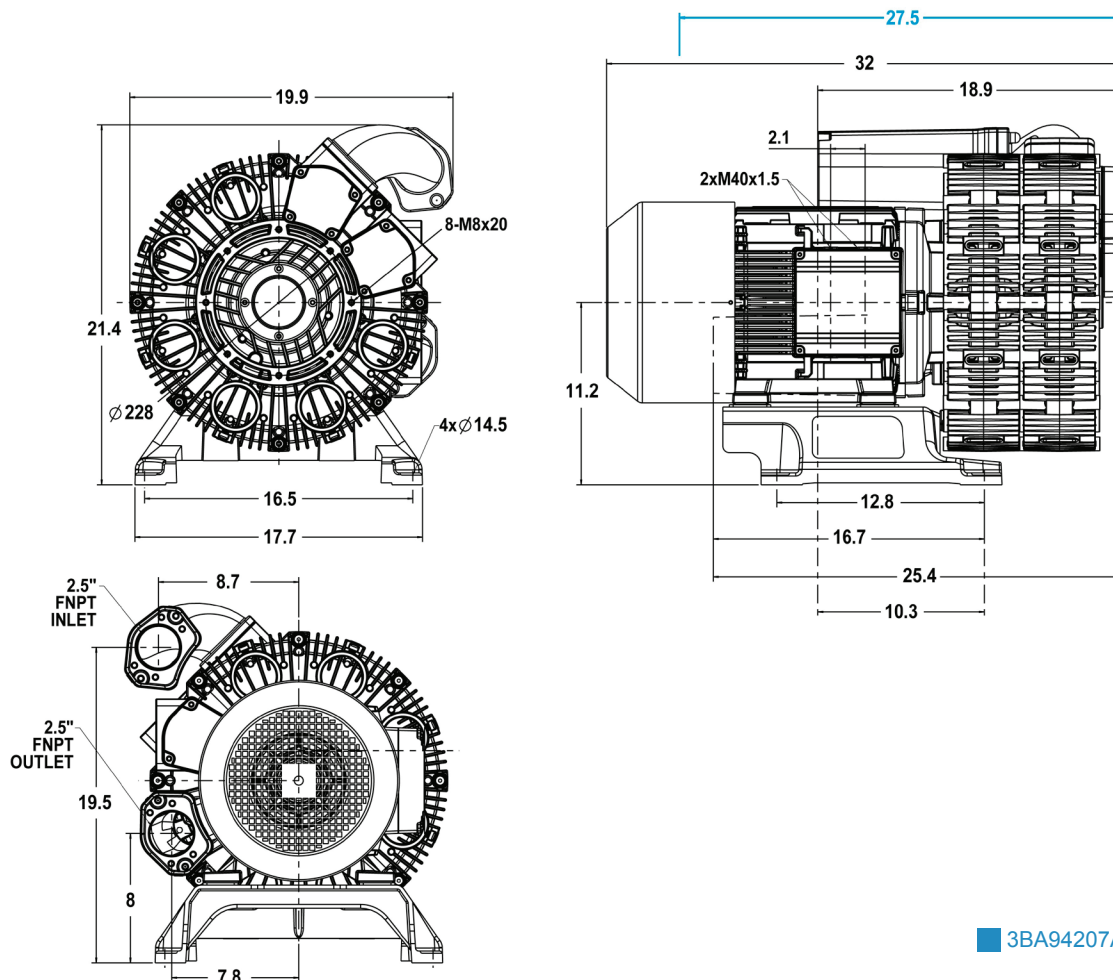
### Performance Curve for Vacuum



### Performance Curve for Compressor



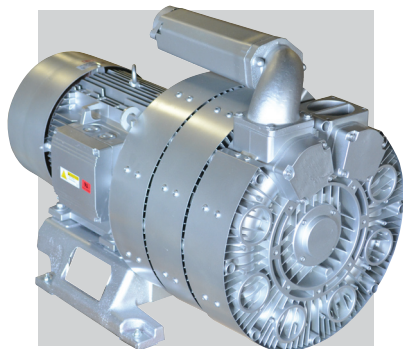
## Dimensions



3BA94207AT56

## Selection & Ordering Data - Type 3BA9420

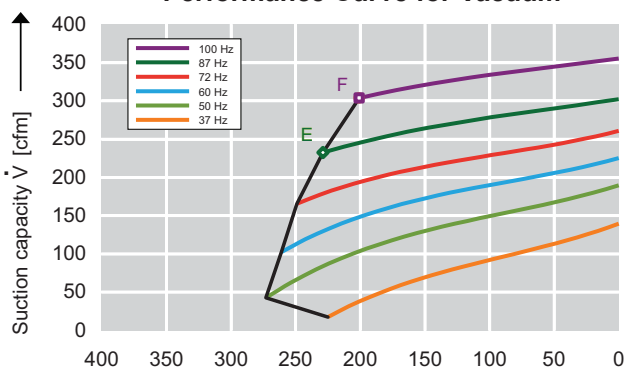
| Curve Letter                              | Order Number | Frequency (Hz) | Rated Power (HP) | Input Voltage (V) |             | Input Current (A) | Permissible Total Differential Pressure |                      | Sound Level dB(A) | Weight (lbs) |
|-------------------------------------------|--------------|----------------|------------------|-------------------|-------------|-------------------|-----------------------------------------|----------------------|-------------------|--------------|
|                                           |              |                |                  |                   |             |                   | Vacuum<br>Inch H2O                      | Pressure<br>Inch H2O |                   |              |
| 1~50/60 IP155 insulation material class F |              |                |                  |                   |             |                   |                                         |                      |                   |              |
| C                                         | 3BA94207AT56 | 50             | 10.05            | 200D...240D       | 345Y...415Y | 26.0D/15.0Y       | -212                                    | 281                  | 69                | 278          |
| C                                         | 3BA94207AT56 | 60             | 11.50            | 220D...250D       | 415Y...460Y | 26.2D/15.1Y       | -233                                    | 245                  | 73                | 278          |
| C                                         | 3BA94207AT56 | 100            | 17.30            | 345D...415D       |             | 25.5D             | -121                                    | 44                   | 75                | 278          |
| D                                         | 3BA94207AT76 | 50             | 14.75            | 200D...240D       | 345Y...415Y | 38.0D/22.0Y       | -212                                    | 349                  | 69                | 328          |
| D                                         | 3BA94207AT76 | 60             | 16.90            | 220D...250D       | 415Y...460Y | 38.0D/22.0Y       | -233                                    | 373                  | 73                | 328          |
| D                                         | 3BA94207AT76 | 100            | 25.50            | 345D...415D       |             | 39.5D             | -204                                    | 196                  | 75                | 328          |



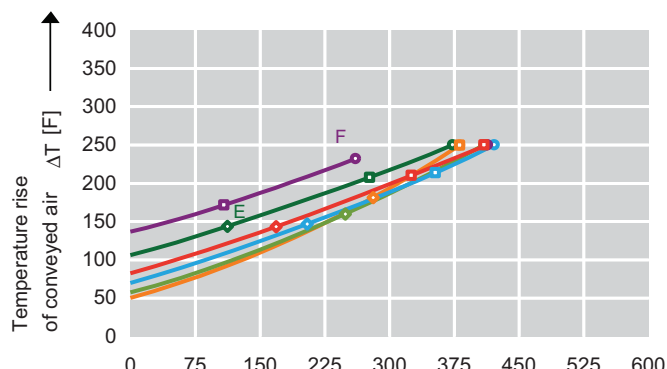
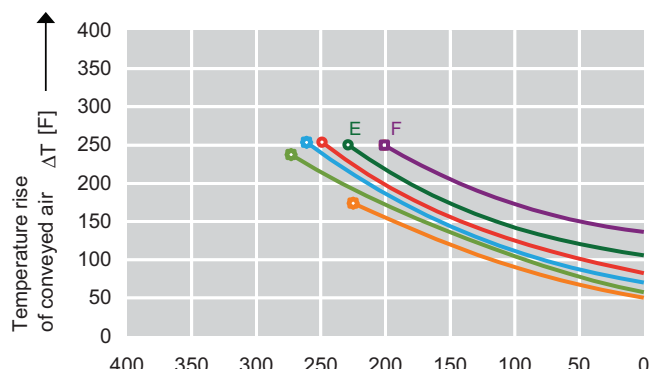
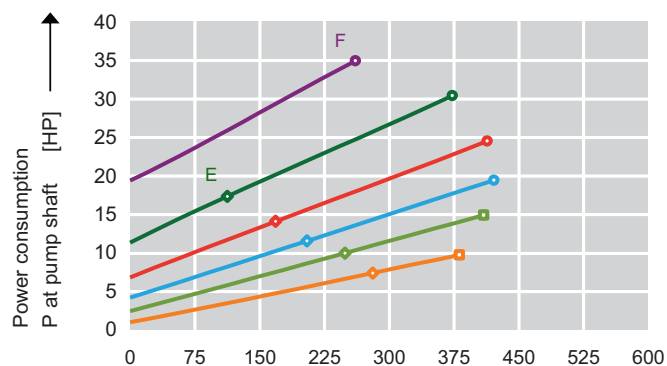
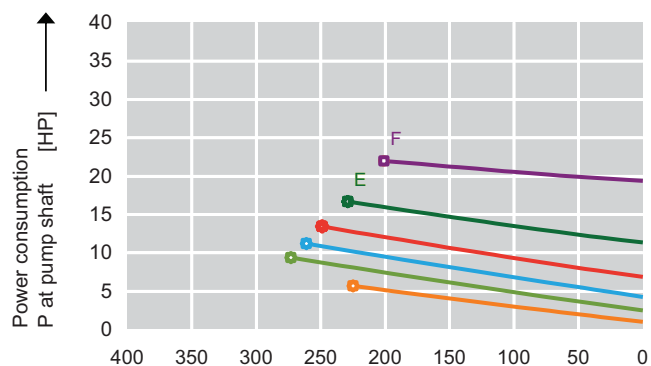
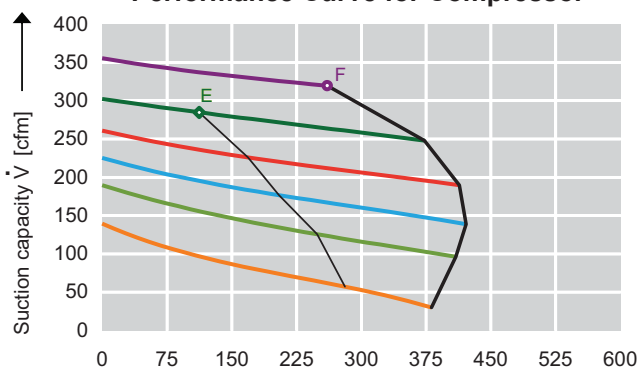
### Features:

- 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

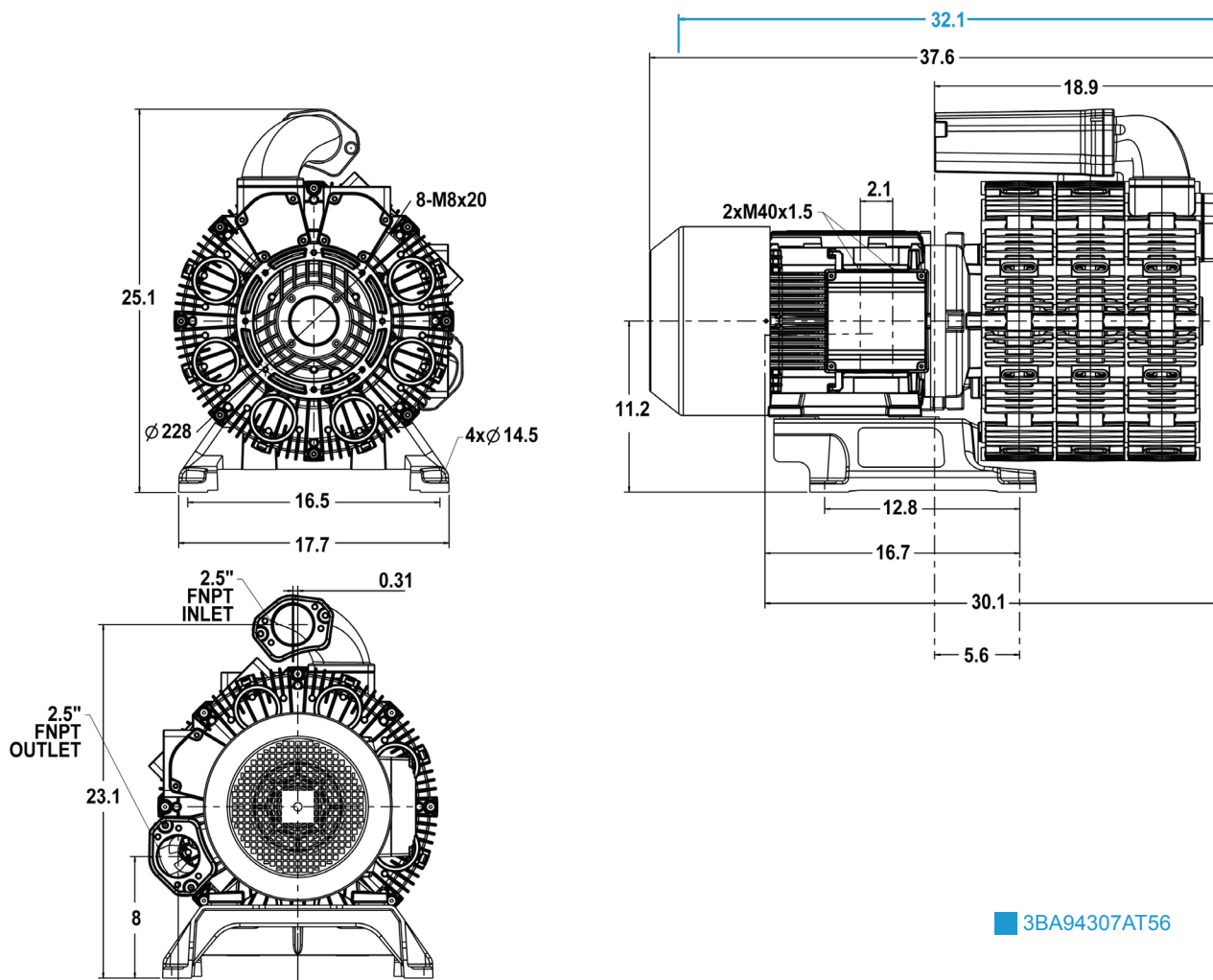
#### Performance Curve for Vacuum



#### Performance Curve for Compressor

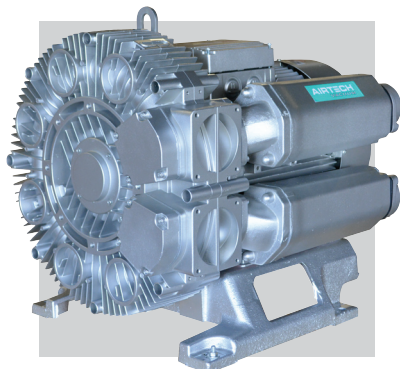


## Dimensions



## Selection & Ordering Data - Type 3BA9430

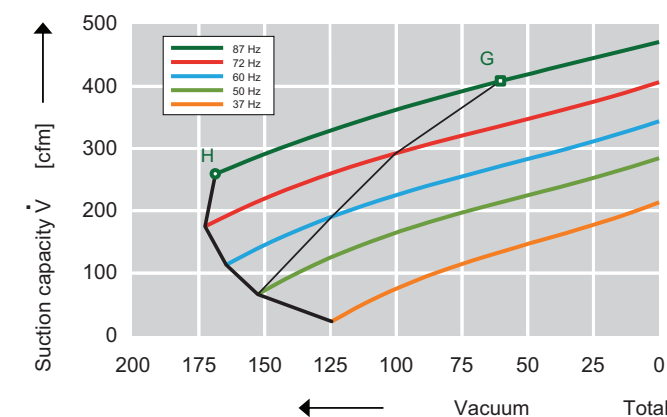
| Curve Letter                              | Order Number | Frequency (Hz) | Rated Power (HP) | Input Voltage (V) |             | Input Current (A) | Permissible Total Differential Pressure |                      | Sound Level dB(A) | Weight (lbs) |
|-------------------------------------------|--------------|----------------|------------------|-------------------|-------------|-------------------|-----------------------------------------|----------------------|-------------------|--------------|
|                                           |              |                |                  |                   |             |                   | Vacuum<br>Inch H2O                      | Pressure<br>Inch H2O |                   |              |
| 1~50/60 IP155 insulation material class F |              |                |                  |                   |             |                   |                                         |                      |                   |              |
| E                                         | 3BA94307AT56 | 50             | 10.05            | 200D...240D       | 345Y...415Y | 26.0D/15.0Y       | -273                                    | 249                  | 70                | 358          |
| E                                         | 3BA94307AT56 | 60             | 11.50            | 220D...250D       | 415Y...460Y | 26.2D/15.1Y       | -261                                    | 204                  | 74                | 358          |
| E                                         | 3BA94307AT56 | 87             | 17.30            | 345D...415D       |             | 26.5D             | -229                                    | 112                  | 83                | 358          |
| F                                         | 3BA94307AT86 | 50             | 20.10            | 200D...240D       | 345Y...415Y | 53.0D/31.0Y       | -273                                    | 409                  | 70                | 428          |
| F                                         | 3BA94307AT86 | 60             | 23.20            | 220D...250D       | 415Y...460Y | 53.0D/30.5Y       | -261                                    | 421                  | 74                | 428          |
| F                                         | 3BA94307AT86 | 100            | 34.80            | 345D...415D       |             | 51.5D             | -200                                    | 261                  | 83                | 428          |



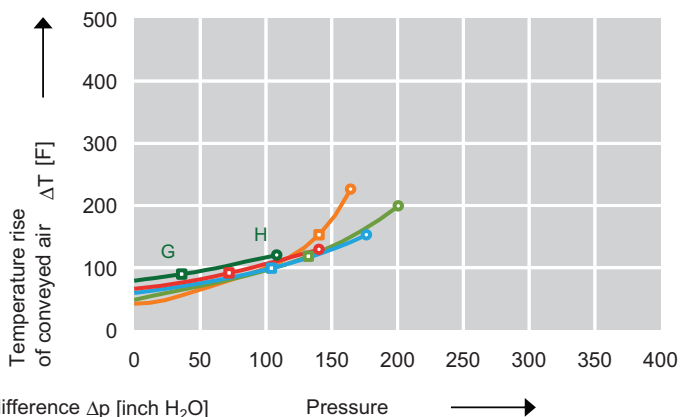
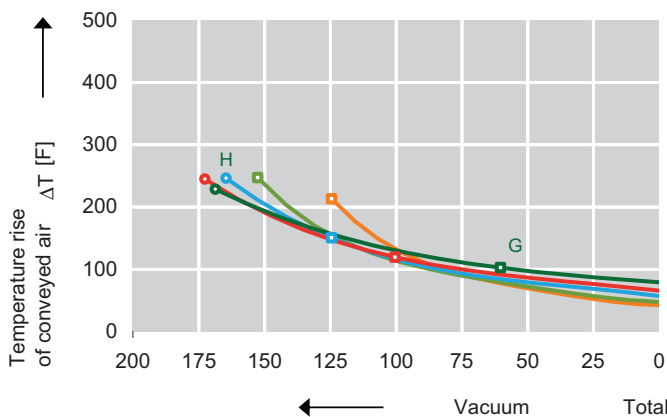
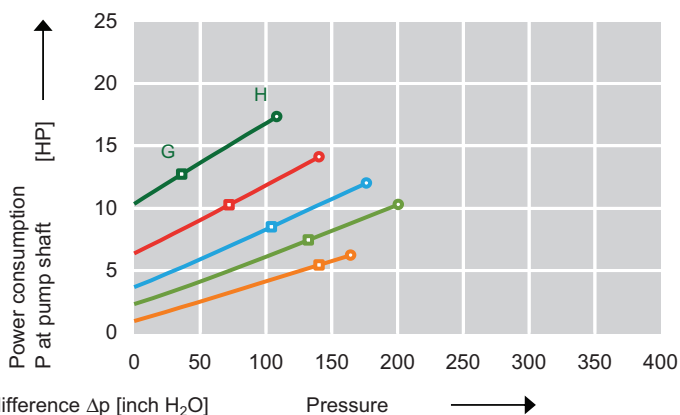
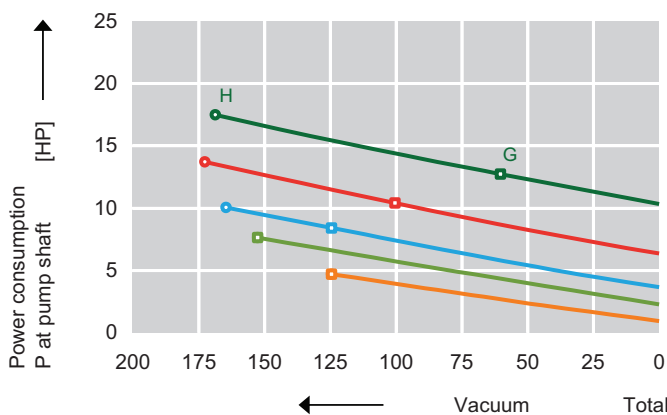
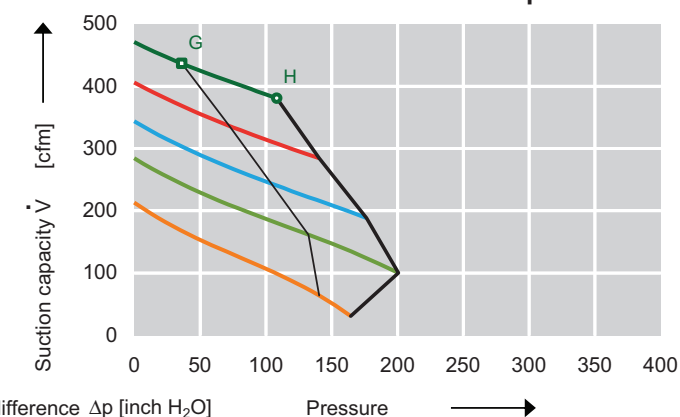
### Features:

- 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

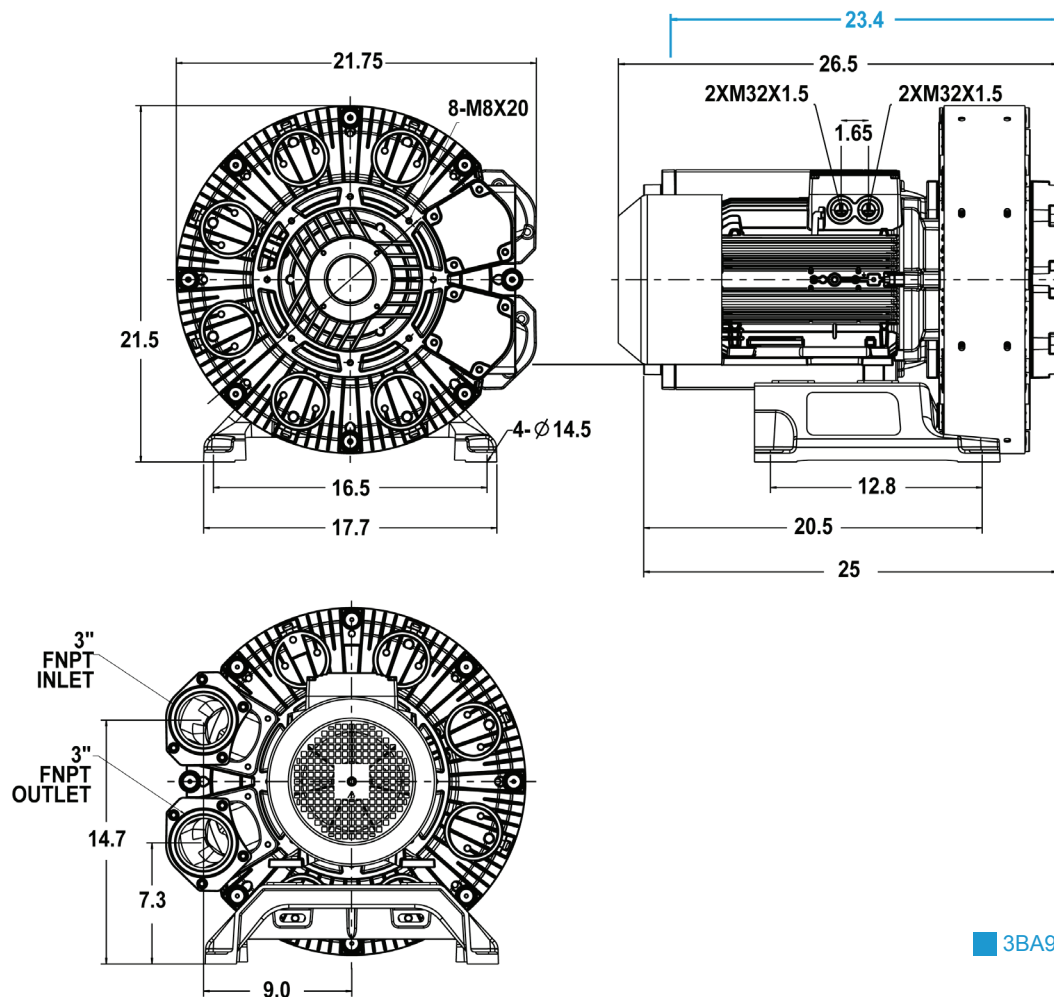
### Performance Curve for Vacuum



### Performance Curve for Compressor



## Dimensions



■ 3BA96007AT66

## Selection & Ordering Data - Type 3BA9600

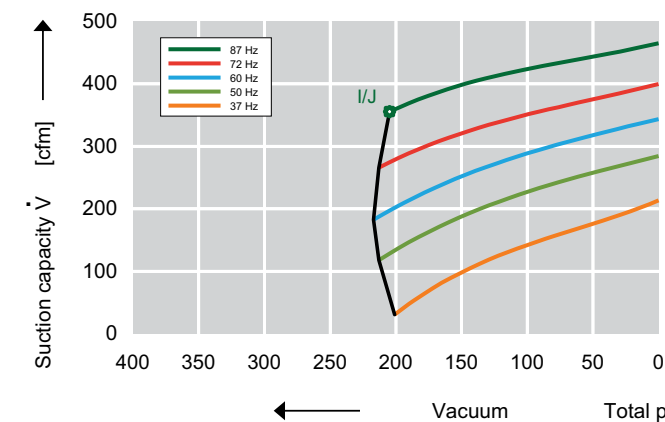
| Curve Number                              | Order Number | Frequency (Hz) | Rated Power (HP) | Input Voltage (V) |             | Input Current (A) | Permissible Total Differential Pressure |                      | Sound Level dB(A) | Weight (lbs) |
|-------------------------------------------|--------------|----------------|------------------|-------------------|-------------|-------------------|-----------------------------------------|----------------------|-------------------|--------------|
|                                           |              |                |                  |                   |             |                   | Vacuum<br>Inch H2O                      | Pressure<br>Inch H2O |                   |              |
| 1~50/60 IP155 insulation material class F |              |                |                  |                   |             |                   |                                         |                      |                   |              |
| C 140                                     | 3BA96007AT56 | 50             | 10.05            | 200D...240D       | 345Y...415Y | 26.0D/15.0Y       | -152                                    | 132                  | 71                | 212          |
| C 141                                     | 3BA96007AT56 | 60             | 11.5             | 220D...250D       | 415Y...460Y | 26.2D/15.1Y       | -125                                    | 104                  | 75                | 212          |
| C 142                                     | 3BA96007AT56 | 87             | 17.3             | 345D...415D       |             | 26.5D             | -60                                     | 36                   | 82                | 212          |
| C 143                                     | 3BA96007AT66 | 50             | 14.75            | 200D...240D       | 345Y...415Y | 28.0D/22.0Y       | -152                                    | 200                  | 71                |              |
| C 144                                     | 3BA96007AT66 | 60             | 16.9             | 220D...250D       | 415Y...460Y | 38.0D/22.0Y       | -164                                    | 176                  | 75                |              |
| C 145                                     | 3BA96007AT66 | 87             | 25.5             | 345D...415D       |             | 39.5D             | -168                                    | 108                  | 82                |              |



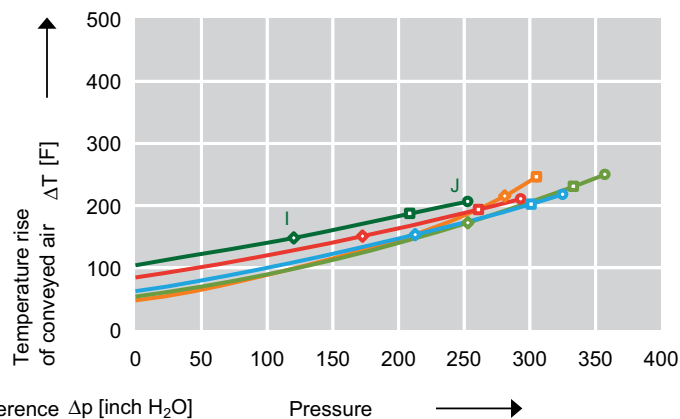
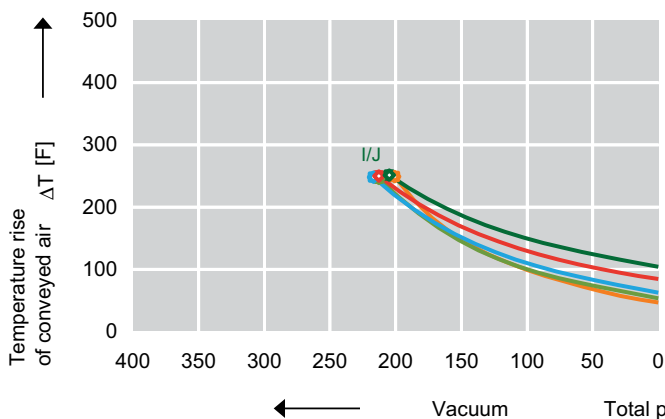
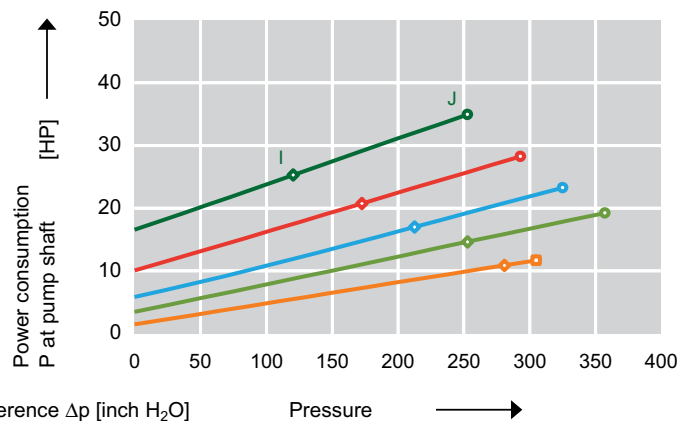
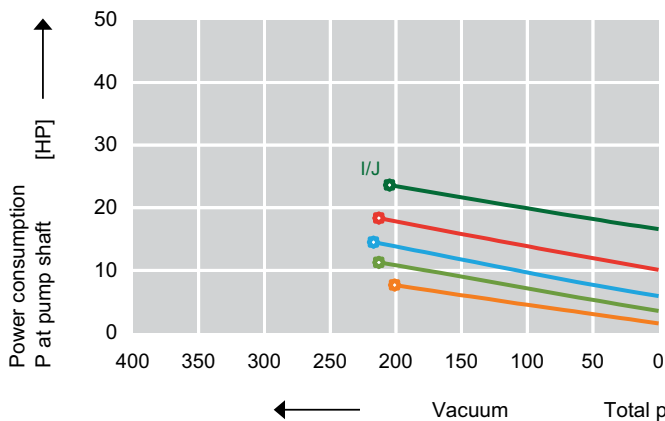
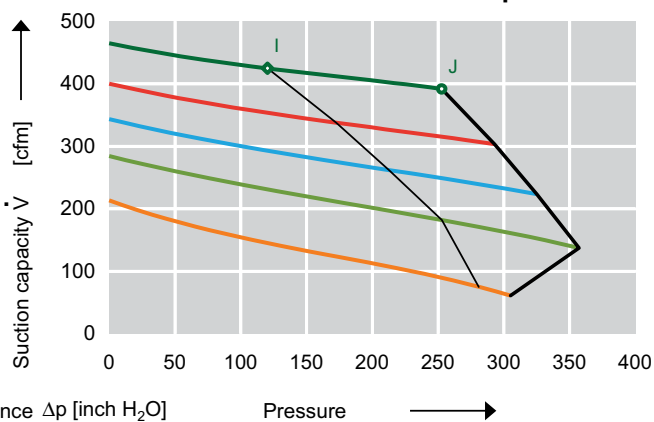
### Features:

- 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

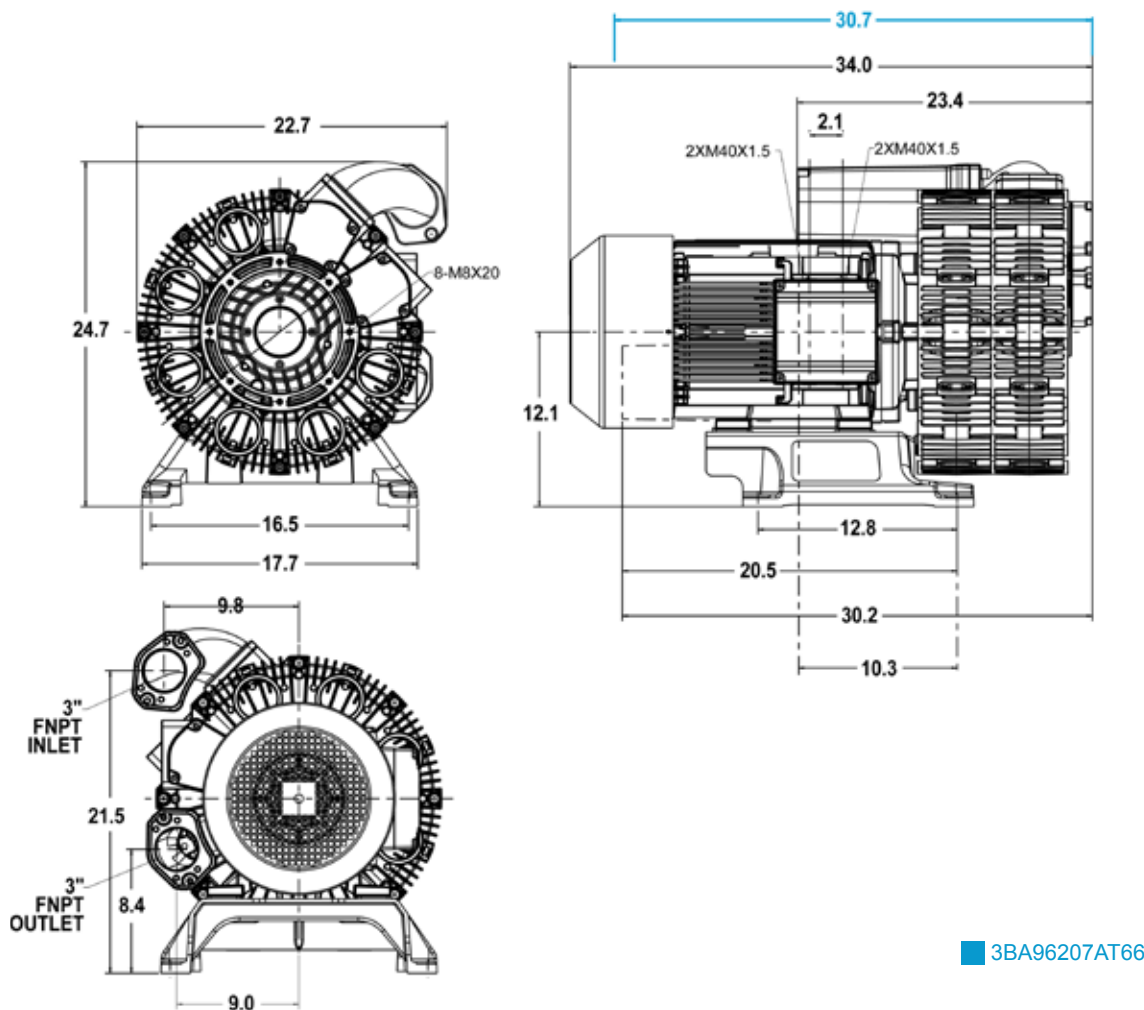
### Performance Curve for Vacuum



### Performance Curve for Compressor

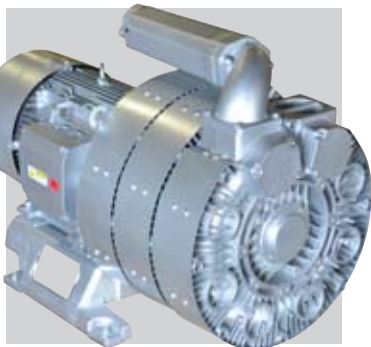


## Dimensions



## Selection & Ordering Data - Type 3BA9620

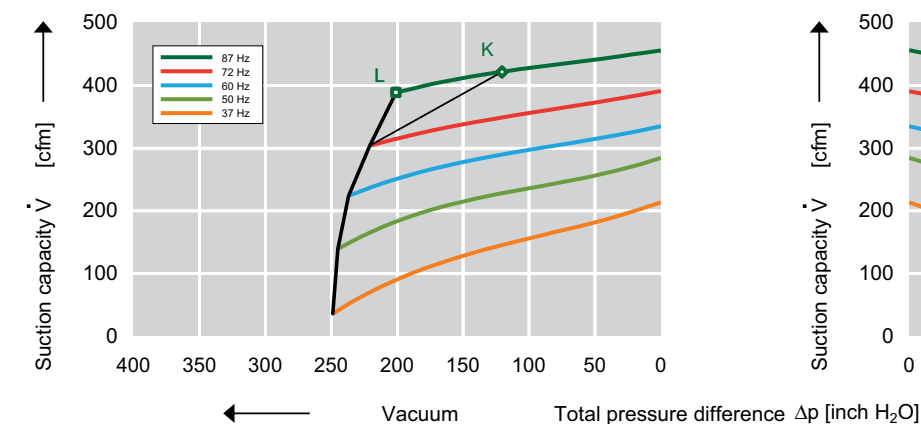
| Curve Letter                              | Order Number | Frequency (Hz) | Rated Power (HP) | Input Voltage (V) |             | Input Current (A) | Permissible Total Differential Pressure |                      | Sound Level dB(A) | Weight (lbs) |
|-------------------------------------------|--------------|----------------|------------------|-------------------|-------------|-------------------|-----------------------------------------|----------------------|-------------------|--------------|
|                                           |              |                |                  |                   |             |                   | Vacuum<br>Inch H2O                      | Pressure<br>Inch H2O |                   |              |
| 1~50/60 IP155 insulation material class F |              |                |                  |                   |             |                   |                                         |                      |                   |              |
| I                                         | 3BA96207AT66 | 50             | 14.75            | 200D...240D       | 345Y...415Y | 38.0D/22.0Y       | -212                                    | 253                  | 70                | 320          |
| I                                         | 3BA96207AT66 | 60             | 16.90            | 220D...250D       | 415Y...460Y | 38.0D/22.0Y       | -217                                    | 212                  | 74                | 320          |
| I                                         | 3BA96207AT66 | 87             | 25.50            | 345D...415D       |             | 39.5D             | -204                                    | 120                  | 84                | 320          |
| J                                         | 3BA96207AT86 | 50             | 20.10            | 200D...240D       | 345Y...415Y | 53.0D/31.0Y       | -212                                    | 357                  | 70                | 370          |
| J                                         | 3BA96207AT86 | 60             | 23.20            | 220D...250D       | 415Y...460Y | 53.0D/30.5Y       | -217                                    | 325                  | 74                | 370          |
| J                                         | 3BA96207AT86 | 87             | 34.80            | 345D...415D       |             | 51.5D             | -204                                    | 253                  | 84                | 370          |



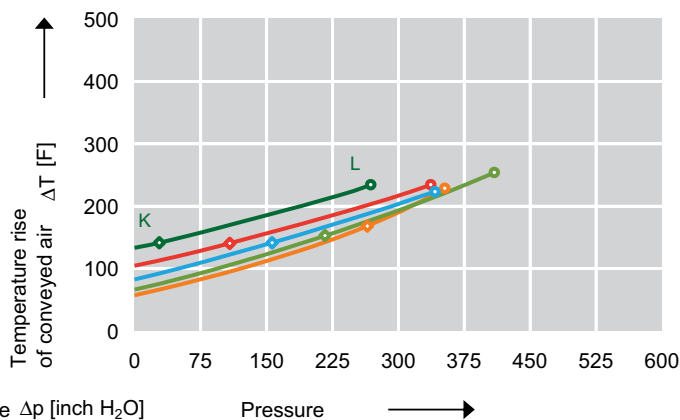
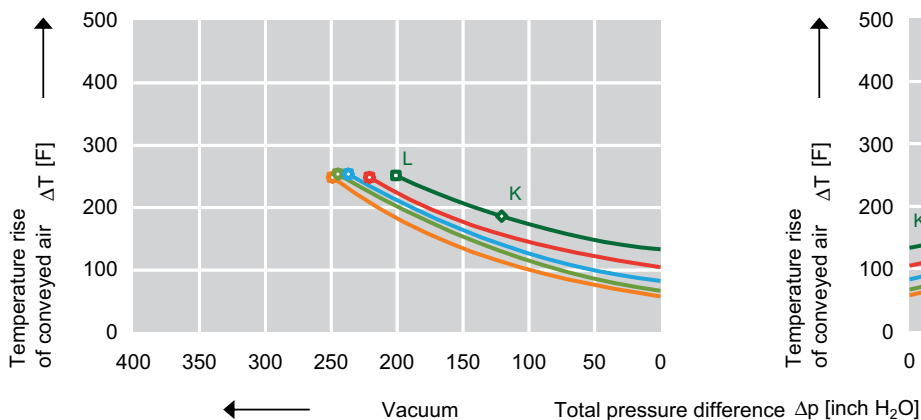
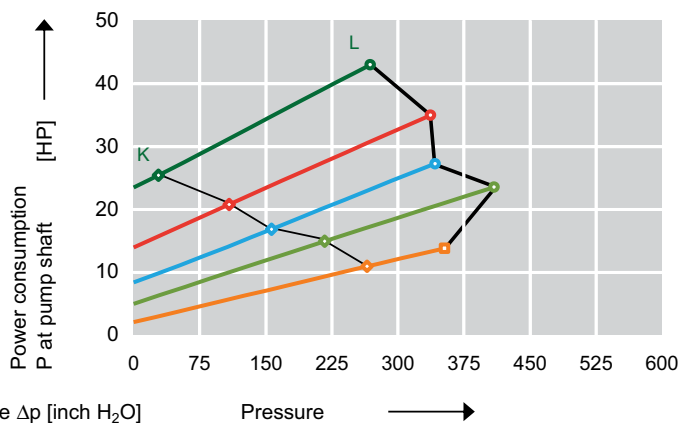
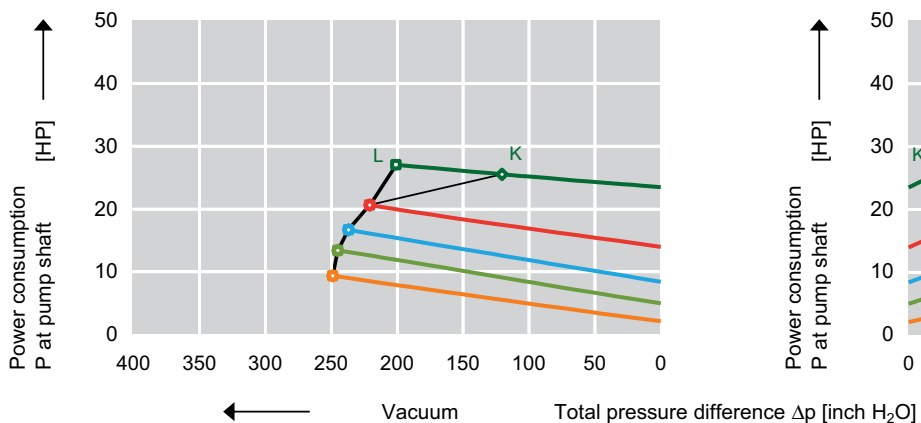
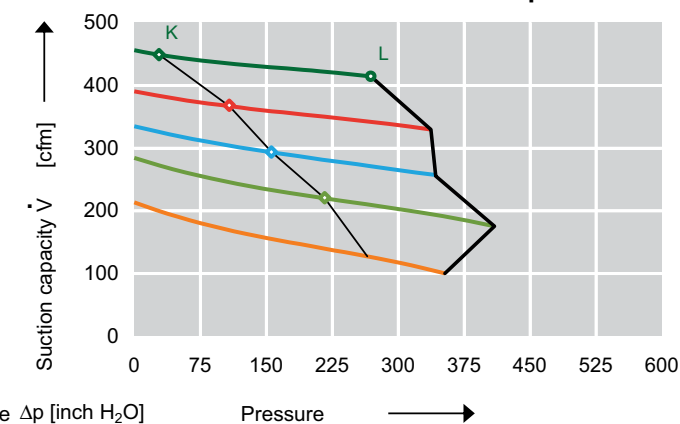
### Features:

- 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

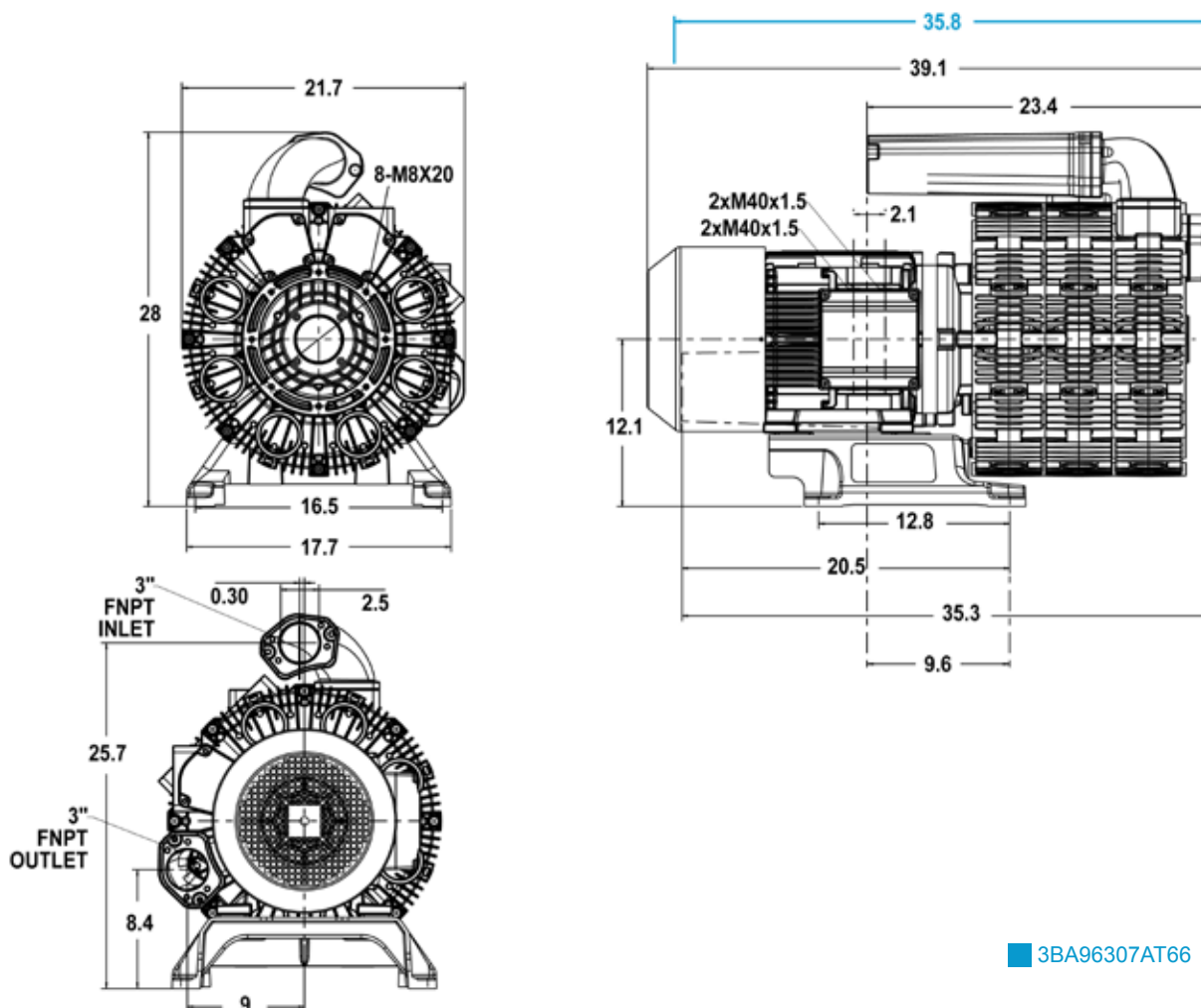
### Performance Curve for Vacuum



### Performance Curve for Compressor



## Dimensions



3BA96307AT66

## Selection & Ordering Data - Type 3BA9630

| Curve Letter                              | Order Number | Frequency (Hz) | Rated Power (HP) | Input Voltage (V) |             | Input Current (A) | Permissible Total Differential Pressure |                      | Sound Level dB(A) | Weight (lbs) |
|-------------------------------------------|--------------|----------------|------------------|-------------------|-------------|-------------------|-----------------------------------------|----------------------|-------------------|--------------|
|                                           |              |                |                  |                   |             |                   | Vacuum<br>Inch H2O                      | Pressure<br>Inch H2O |                   |              |
| 1~50/60 IP155 insulation material class F |              |                |                  |                   |             |                   |                                         |                      |                   |              |
| K                                         | 3BA96307AT66 | 50             | 14.75            | 200D...240D       | 345Y...415Y | 38.0D/22.0Y       | -245                                    | 217                  | 71                | 472          |
| K                                         | 3BA96307AT66 | 60             | 16.90            | 220D...250D       | 415Y...460Y | 38.0D/22.0Y       | -237                                    | 156                  | 77                | 472          |
| K                                         | 3BA96307AT66 | 87             | 25.50            | 345D...415D       |             | 39.5D             | -120                                    | 28                   | 84                | 472          |
| L                                         | 3BA96307AT86 | 50             | 24.80            | 200D...240D       | 345Y...415Y | 57.4D/33.0Y       | -245                                    | 409                  | 71                | 522          |
| L                                         | 3BA96307AT86 | 60             | 28.40            | 220D...250D       | 415Y...460Y | 57.6D/33.3Y       | -237                                    | 349                  | 77                | 522          |
| L                                         | 3BA96307AT86 | 87             | 42.90            | 345D...415D       |             | 64.0D             | -200                                    | 269                  | 84                | 522          |