

# **GAST**<sup>®</sup>

**AIR COMPRESSORS  
FOR DRY SPRINKLER SYSTEMS**  
*we move the air that moves your world*



## KEY BENEFITS



### EAST TO INSTALL

Fast mounting strut channel hardware for riser models. Quick setting tank model.



### VERSATILE

Wide pressure setting range and multiple mounting options.



### SPACE SAVING

Riser mount models are compact, and low vibration. Vertical tank models fit in tighter spaces.

# ROCKING PISTON COMPRESSORS WITH DIGITAL PRESSURE SWITCH

Rocking piston compressors feature industry leading life and reliability. An innovative design with low sound and vibration, space saving size, and time saving installation. The digital pressure switch provides a wide range of settings and system capacity. All Gast compressors feature oilless operation requiring less maintenance.



## 87R Rocking Piston Air Compressor - UL 1450 Listed

Convenient channel strut design mounts in under 5 minutes with one person. This model includes all mounting hardware and 24" flexible hose connector. The compressor frame is riser, wall, and floor mount capable. Ultra-quiet operation and industrial grade shock mounts for low vibration. Easily adjustable digital pressure switch can be used for a wide range of supervisory pressure settings.

| Model Number | Free Air Flow at 18 PSI (CFM) | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |       |       | Shipping Weight (lbs) |
|--------------|-------------------------------|-------------------------------|-------------------|----------------------------------|---------------------|-------|-------|-----------------------|
|              |                               |                               |                   |                                  | L                   | W     | H     |                       |
| 87R-100S     | 3.4                           | 2.8                           | 1/2               | 115-60-1                         | 8.25                | 10.25 | 20.18 | 55                    |

Factory setting: cut-in 30 PSI / cut-out 40 PSI  
This model delivers less than 5.5 cfm, and the use of an air maintenance device is not required per NFPA 13. Supervisory air pressure settings can be adjusted with the 87R digital pressure switch.



87R-100S model shown

| 87R-100S PRESSURE & SYSTEM CAPACITY (NFPA 13) |                           |
|---|---------------------------|
| PRESSURE (PSI)                                | SYSTEM CAPACITY (GALLONS) |
| 10  | 1350                      |
| 12  | 1110                      |
| 14  | 950                       |
| 16  | 825                       |
| 18  | 725                       |
| 20  | 650                       |
| 22  | 580                       |
| 24  | 530                       |
| 26  | 490                       |
| 28  | 450                       |
| 30  | 415                       |
| 32  | 385                       |
| 34  | 360                       |
| 36  | 335                       |
| 38  | 315                       |
| 40  | 300                       |

## 120R-200S Rocking Piston Air Compressor - UL 1450 Listed

Convenient channel strut design mounts in under 5 minutes. This model includes all mounting hardware and 24" flexible hose connector. This compressor frame is riser and wall mount capable. The most powerful rocking piston compressor in its class in a space saving riser mount configuration. Ideal for one riser sprinkler system up to 921 gallons [40 psi, see chart]

| Model Number | Free Air Flow at 18 PSI (CFM) | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |       |       | Shipping Weight (lbs) |
|--------------|-------------------------------|-------------------------------|-------------------|----------------------------------|---------------------|-------|-------|-----------------------|
|              |                               |                               |                   |                                  | L                   | W     | H     |                       |
| 120R-200S    | 9.9                           | 8.9                           | 2                 | 208-240-50/60-1                  | 13.16               | 20.24 | 23.03 | 129                   |

Factory setting: cut-in 50 PSI / cut-out 125 PSI.  
This model delivers more than 5.5 cubic ft/min. at 10 psi. The use of an air maintenance device is required for supervisory air pressure settings per NFPA-13



120R-200S model shown

| 120R-200S SYSTEM CAPACITY FOR INITIAL FILL RATE (NFPA 13) |                           |
|---|---------------------------|
| PRESSURE (PSI)  | SYSTEM CAPACITY (GALLONS) |
| 10  | 3936                      |
| 12  | 3286                      |
| 14  | 2831                      |
| 16  | 2461                      |
| 18  | 2176                      |
| 20  | 1950                      |
| 22  | 1762                      |
| 24  | 1600                      |
| 26  | 1471                      |
| 28  | 1359                      |
| 30  | 1258                      |
| 32  | 1173                      |
| 34  | 1099                      |
| 36  | 1035                      |
| 38  | 971                       |
| 40  | 921                       |

## 120R-200T Rocking Piston Air Compressor - UL 1450 Listed

The most powerful rocking piston compressor in its class on a space saving vertical tank. Ideal for three to four sprinkler systems up to 940 gallons each [40 psi, see chart]. Air tank rubber vibration feet prevents movement. This model includes a 24" flexible hose connector and floor mount brackets (if desired or required).

| Model Number | Free Air Flow at 18 PSI (CFM) | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |       |       | Shipping Weight (lbs) | Tank Size |
|--------------|-------------------------------|-------------------------------|-------------------|----------------------------------|---------------------|-------|-------|-----------------------|-----------|
|              |                               |                               |                   |                                  | L                   | W     | H     |                       |           |
| 120R-200T    | 10.5                          | 9                             | 2                 | 208-240-50/60-1                  | 17.6                | 19.41 | 44.87 | 163                   | 20        |

Factory setting: cut-in 75 PSI / cut-out 125 PSI  
This model delivers more than 5.5 cubic ft/min. at 10 psi. The use of an air maintenance device is required for supervisory air pressure settings per NFPA-13



120R-200T model shown

| 120R-200T SYSTEM CAPACITY FOR INITIAL FILL RATE (NFPA 13) |                           |
|---|---------------------------|
| PRESSURE (PSI)  | SYSTEM CAPACITY (GALLONS) |
| 10  | 4216                      |
| 12  | 3476                      |
| 14  | 2957                      |
| 16  | 2565                      |
| 18  | 2259                      |
| 20  | 2010                      |
| 22  | 1823                      |
| 24  | 1668                      |
| 26  | 1520                      |
| 28  | 1402                      |
| 30  | 1299                      |
| 32  | 1212                      |
| 34  | 1126                      |
| 36  | 1063                      |
| 38  | 992                       |
| 40  | 940                       |



## KEY BENEFITS



**LOW DEW POINT DRY AIR**  
Pressure Dew Point down to  
-40°C.



**AIR TANK LONGEVITY**  
Extended compressor life. On board  
tank means the compressor runs less  
and lasts longer.



**HIGH CAPACITY**  
Ideal for systems 600 to 932 gallons.

# ROCKING PISTON DRY AIR COMPRESSOR SYSTEMS

120R Series Dry Air Compressor Systems are ideal for freezer room sprinkler applications or any installation where temperature fluctuations can cause risk of condensate in the air lines to freeze and create ice plugs. These dry air systems can also help reduce corrosion in dry or pre-action sprinkler systems.



120R-40BQ3  
model shown

## DRY AIR COMPRESSOR SYSTEMS

| Max. Gallons<br>in System to Pump<br>to 40 PSI in 30 min.<br>In support of<br>NFPA Standard 13 | Model<br>Number | Free Air<br>Flow at<br>40 PSI<br>(CFM) | Power<br>Rating<br>(HP) | Operating<br>Voltage<br>Frequency<br>(60 HZ) | Dimensions<br>(Inches) |    |    | Max<br>Dew<br>Point | Weight<br>(lbs) | Tank<br>Size<br>(gal) |
|--|-----------------|--|-------------------------|--|------------------------|----|----|---------------------|-----------------|-----------------------|
|  |                 |  |                         |  | L                      | W  | H  |                     |                 |                       |
| 618  | 120R-40BQ3      | 7.0                                    | 2                       | 230  | 26                     | 22 | 28 | -40                 | 144             | 10                    |
| 618  | 120R-40MQ3      | 7.0                                    | 2                       | 230  | 29                     | 27 | 34 | -40                 | 256             | 10                    |
| 932  | 2x120R-90BQ6    | 10.5                                   | 4                       | 230  | 40                     | 23 | 35 | -40                 | 270             | 20                    |
| 882  | 2x120R-40MQ6    | 10.0                                   | 4                       | 230  | 34                     | 26 | 32 | -40                 | 373             | 10                    |

Factory setting Cut-In 87 PSI / Cut-Out 116 PSI.

Flow rating of these models requires use with a listed Air Maintenance Device, per NFPA 13. Installation site modifications required for hard wiring and On/Off protection, per NFPA 13.



2x120R-90BQ6  
model shown



120R-40MQ3 & 2x120R-40MQ6  
metal cabinet models shown

These systems feature reliable twin stack regenerative pressure swing adsorption (PSA) air dryer technology. The dryer works automatically and constantly maintains a consistent low dew point. Each model includes an air regulator, pressure gauge to monitor performance, and drain lines from both dryer and radiator to an included water collection vessel. Metal cabinet models contain all the components inside a durable enclosure, reducing noise levels by 15%. Technical Data Sheets available for all models at [www.gastmfg.com](http://www.gastmfg.com).

## KEY BENEFITS



**LOW MAINTENANCE**  
No air maintenance device required. Comes with pressure switch and check valve.



**READY FOR USE**  
Factory pre-set pressure switches available for both low and high pressure systems.



**COMPACT SIZE**  
Designed to be used in areas with limited space.

# RISER MOUNT PISTON AIR COMPRESSORS

Tankless / Automatic air compressors have inlet filters, a safety valve, pressure switch, check valve, tubing, and fittings. All Gast compressors feature oilless operation requiring less maintenance.



3LBA-32-M300AX  
model shown

## Piston Air Compressors For Low Pressure Systems - UL 1450 Listed

| Max. Gallons in System to Pump to 18 PSI in 30 min. In support of NFPA Standard 13 | Model Number    | Free Air Flow at 18 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |      |       | Pipe Size (In. NPT) | Shipping Weight (lbs) |
|--|-----------------|-------------------------------|-------------------|----------------------------------|---------------------|------|-------|---------------------|-----------------------|
|  |                 |                               |                   |                                  | L                   | W    | H     |                     |                       |
| 250  | 1LAA-55S-M100GX | 1.25                          | 1/6               | 115-60-1                         | 13.75               | 9.54 | 9.17  | 1/4                 | 23                    |
| 480  | 3LBA-55S-M300AX | 3.0                           | 1/3               | 115-60-1                         | 15.55               | 8.11 | 12.35 | 1/4                 | 31                    |
| 730  | 4LCB-55S-M450GX | 3.8                           | 1/2               | 115/230-60-1                     | 16.02               | 8.62 | 13.14 | 1/4                 | 35                    |

Factory setting: cut-in 13 PSI / cut-out 18 PSI. Compressor Mounting Bracket sold separately, see page 6.

## 50 PSI Piston Air Compressors

| Max. Gallons in System to Pump to 40 PSI in 30 min. In support of NFPA Standard 13 | Model Number    | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |      |       | Pipe Size (In. NPT) | Shipping Weight (lbs) |
|--|-----------------|-------------------------------|-------------------|----------------------------------|---------------------|------|-------|---------------------|-----------------------|
|  |                 |                               |                   |                                  | L                   | W    | H     |                     |                       |
| 90   | 1LAA-32-M100X   | 1.0                           | 1/6               | 115-60-1                         | 14.07               | 6.03 | 8.31  | 1/4                 | 23                    |
| 150  | 2LAF-12-M200X   | 1.6                           | 1/4               | 115-60-1                         | 12.49               | 8.10 | 8.72  | 1/4                 | 23                    |
| 180  | 3LBA-32-M300AX  | 2.0                           | 1/3               | 115-60-1                         | 14.21               | 8.11 | 13.64 | 1/4                 | 24                    |
| 300  | 4LCB-21-M450X   | 3.1                           | 1/2               | 115/230-60-1                     | 15.10               | 8.94 | 13.14 | 1/4                 | 33                    |
| 400  | 5LCA-22-M550NGX | 4.7                           | 3/4               | 115/230-60-1                     | 15.75               | 8.62 | 13.26 | 1/4                 | 39                    |
| 600  | 6LCF-13-M616NEX | 5.9                           | 1                 | 115/230-60-1                     | 19.04               | 8.38 | 12.30 | 1/4                 | 60                    |
| 800  | 7LDE-16-M750X   | 7.9                           | 1 1/2             | 115/208-230-60-1                 | 22.15               | 8.4  | 13.46 | 3/8                 | 66                    |
| 1000   | 8LDF-16-M850X   | 10.5                          | 2                 | 115/230-50-60-1                  | 22.95               | 8.85 | 12.96 | 3/8                 | 80                    |

Factory setting: cut-in 40 PSI / cut-out 50 PSI. Compressor Mounting Bracket sold separately, see page 6.

## 50 PSI Piston Air Compressors - UL 1450 Listed

| Max. Gallons in System to Pump to 40 PSI in 30 min. In support of NFPA Standard 13 | Model Number     | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |      |       | Pipe Size (In. NPT) | Shipping Weight (lbs) |
|--|------------------|-------------------------------|-------------------|----------------------------------|---------------------|------|-------|---------------------|-----------------------|
|  |                  |                               |                   |                                  | L                   | W    | H     |                     |                       |
| 90   | 1LAA-46S-M100GX  | 1.0                           | 1/6               | 115-60-1                         | 15.25               | 8.11 | 8.72  | 1/4                 | 23                    |
| 150  | 2LAF-46S-M200EX  | 1.6                           | 1/4               | 115-60-1                         | 15.95               | 8.11 | 8.72  | 1/4                 | 25                    |
| 180  | 3LBA-46S-M300AX  | 2.0                           | 1/3               | 115-60-1                         | 15.55               | 8.11 | 12.35 | 1/4                 | 31                    |
| 300  | 4LCB-46S-M450GX  | 3.1                           | 1/2               | 115/230-60-1                     | 16.09               | 8.94 | 13.32 | 1/4                 | 40                    |
| 400  | 5LCA-46S-M550GX  | 4.7                           | 3/4               | 115/230-60-1                     | 16.96               | 8.94 | 13.37 | 1/4                 | 48                    |
| 600  | 6LCF-46S-M616NEX | 5.9                           | 1                 | 115/230-60-1                     | 18.91               | 8.79 | 13.43 | 1/4                 | 56                    |
| 800  | 7LDE-46S-M750X   | 7.9                           | 1 1/2             | 115/208-230-60-1                 | 25.25               | 9.80 | 12.50 | 3/8                 | 73                    |
| 1000   | 8LDF-46S-M850X   | 10.5                          | 2                 | 115/230-50-60-1                  | 25.90               | 9.80 | 12.60 | 3/8                 | 90                    |

Factory setting: cut-in 40 PSI / cut-out 50 PSI. Compressor Mounting Bracket sold separately, see page 6.

Note: UL Fire Protection Listing UL File EX5324 Evaluated to UL1450 Motor-operated air compressors for use in sprinkler systems

## KEY BENEFITS



**AIR TANK LONGEVITY**  
Extended compressor life. On board tank means the compressor runs less and last longer.



**MULTI-SYSTEM USE**  
Air receiver tank holds backup air pressure. Can supply multiple systems.



**HIGH CAPACITY**  
Ideal for systems 500 to 1,000 gallons.

# PISTON AIR COMPRESSOR TANK SYSTEMS

Tank mounted compressors include gauge, pressure switch, shut off valve, drain valve, check valve, and safety valve. All Gast compressors feature oilless operation requiring less maintenance.



8LDF-46T-M850X model shown

## 50 PSI Tank Systems

| Max. Gallons in System to Pump to 40 PSI in 30 min. In support of NFPA Standard 13 | Model Number     | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |      |      | Pipe Size (In. NPT) | Shipping Weight (lbs) | Tank Size |
|--|------------------|-------------------------------|-------------------|----------------------------------|---------------------|------|------|---------------------|-----------------------|-----------|
|  |                  |                               |                   |                                  | L                   | W    | H    |                     |                       |           |
| 90   | 1LAA-11T-M100X   | 1.0                           | 1/6               | 115-60-1                         | 19                  | 17   | 9    | 1/4                 | 44                    | 2         |
| 150  | 2LAF-11T-M200X   | 1.6                           | 1/4               | 115-60-1                         | 26                  | 24   | 13.5 | 1/4                 | 78                    | 12        |
| 300  | 4LCB-11T-M450X   | 3.1                           | 1/2               | 115/230-60-1                     | 33                  | 27   | 16   | 1/4                 | 103                   | 20        |
| 400  | 5LCA-11T-M550NGX | 4.7                           | 3/4               | 115/230-60-1                     | 33                  | 27   | 16   | 1/4                 | 109                   | 20        |
| 600  | 6LCF-11T-M616NEX | 5.9                           | 1                 | 115/230-60-1                     | 38                  | 28.2 | 17   | 3/8                 | 169                   | 30        |
| 800  | 7LDE-11T-M750X   | 7.9                           | 1 1/2             | 115/208-230-1                    | 38                  | 28.6 | 17   | 3/8                 | 185                   | 30        |
| 1000   | 8LDF-11TA-M850X  | 10.5                          | 2                 | 115/230-50-60-1                  | 38                  | 29.1 | 17   | 3/8                 | 200                   | 30        |

Factory setting: cut-in 30 PSI / cut-out 50 PSI

## 100 PSI Tank Systems

| Max. Gallons in System to Pump to 40 PSI in 30 min. In support of NFPA Standard 13 | Model Number     | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |       |      | Pipe Size (In. NPT) | Shipping Weight (lbs) | Tank Size |
|--|------------------|-------------------------------|-------------------|----------------------------------|---------------------|-------|------|---------------------|-----------------------|-----------|
|  |                  |                               |                   |                                  | L                   | W     | H    |                     |                       |           |
| 80   | 1HAB-11T-M100X   | 0.75                          | 1/6               | 115-60-1                         | 17.53               | 16.66 | 8.30 | 1/4                 | 44                    | 2         |
| 80   | 1HAE-11T-M104X   | 0.75                          | 1/6               | 220/230-50-1                     | 18.27               | 16.71 | 7.64 | 1/4                 | 44                    | 2         |
| 160  | 3HBB-11T-M300AX  | 1.7                           | 1/3               | 115-60-1                         | 26                  | 22.27 | 13.5 | 1/4                 | 80                    | 12        |
| 340  | 5HCD-11T-M550NGX | 3.6                           | 3/4               | 115/230-60-1                     | 33                  | 26.01 | 16   | 1/4                 | 109                   | 20        |
| 660  | 7HDD-11TA-M750X  | 7.0                           | 1 1/2             | 115/208-230-1                    | 38                  | 28.62 | 18   | 3/8                 | 185                   | 30        |
| 825  | 8HDM-11TD-M853   | 9.0                           | 2                 | 20/240-380/440, 230/460-50-60-3  | 38                  | 23    | 30   | 3/8                 | 200                   | 30        |

Factory setting: cut-in 80 PSI / cut-out 100 PSI

Use with an air maintenance device for supervisory pressure settings. Air tank pressure will be maintained at 100 PSI and prolong compressor life.

## 50 PSI Tank Systems - UL 1450 Listed

| Max. Gallons in System to Pump to 40 PSI in 30 min. In support of NFPA Standard 13 | Model Number     | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |      |      | Pipe Size (In. NPT) | Shipping Weight (lbs) | Tank Size |
|--|------------------|-------------------------------|-------------------|----------------------------------|---------------------|------|------|---------------------|-----------------------|-----------|
|  |                  |                               |                   |                                  | L                   | W    | H    |                     |                       |           |
| 90   | 1LAA-46T-M100GX  | 1.0                           | 1/6               | 115-60-1                         | 19                  | 17   | 9    | 1/4                 | 44                    | 2         |
| 150  | 2LAF-46T-M200EX  | 1.6                           | 1/4               | 115-60-1                         | 26                  | 24   | 13.5 | 1/4                 | 78                    | 12        |
| 180  | 3LBA-46T-M300AX  | 2.0                           | 1/3               | 115-60-1                         | 26                  | 23   | 13.5 | 1/4                 | 80                    | 12        |
| 300  | 4LCB-46T-M450GX  | 3.1                           | 1/2               | 115/230-60-1                     | 33                  | 27   | 16   | 1/4                 | 109                   | 20        |
| 400  | 5LCA-46T-M550GX  | 4.7                           | 3/4               | 115/230-60-1                     | 33                  | 27   | 16   | 1/4                 | 115                   | 20        |
| 600  | 6LCF-46T-M616NEX | 5.9                           | 1                 | 115/230-60-1                     | 38                  | 28.2 | 17   | 3/8                 | 169                   | 30        |
| 800  | 7LDE-46T-M750X   | 7.9                           | 1 1/2             | 115/208-230-60-1                 | 38                  | 28.6 | 17   | 3/8                 | 185                   | 30        |
| 1000   | 8LDF-46T-M850X   | 10.5                          | 2                 | 115/230-50-60-1                  | 38                  | 29.1 | 17   | 3/8                 | 200                   | 30        |

Factory setting: cut-in 30 PSI / cut-out 50 PSI

Note: UL Fire Protection Listing UL File EX5324 Evaluated to UL1450 Motor-operated air compressors for use in sprinkler systems

## KEY BENEFITS



### COMPACT

Designed to be used in areas of limited space.



### ADAPTABILITY

Easily retrofits to existing systems. Flexibility to work with air maintenance components of your choosing.



### CAPACITY

Ideal for 200 to 300 gallon systems. Product line covers systems up to 1,000 gallons.

# PISTON AIR COMPRESSOR

Air compressor intended for use with air maintenance devices that include a pressure control switch to maintain correct air pressure in a dry sprinkler system. All Gast compressors feature oilless operation requiring less maintenance.



3LBA-10-M300AX  
model shown

## 50 PSI Piston Air Compressors

| Max. Gallons in System to Pump to 40 PSI in 30 min. In support of NFPA Standard 13 | Model Number    | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |      |       | Pipe Size (In. NPT) | Shipping Weight (lbs) |
|--|-----------------|-------------------------------|-------------------|----------------------------------|---------------------|------|-------|---------------------|-----------------------|
|  |                 |                               |                   |                                  | L                   | W    | H     |                     |                       |
| 90   | 1LAA-10-M100X   | 1.00                          | 1/6               | 115-60-1                         | 11.53               | 8.53 | 5.62  | 1/4                 | 23                    |
| 150  | 2LAF-10-M200X   | 1.6                           | 1/4               | 115-60-1                         | 12.49               | 8.61 | 5.62  | 1/4                 | 25                    |
| 180  | 3LBA-10-M300AX  | 2.0                           | 1/3               | 115-60-1                         | 12.45               | 7.33 | 11.07 | 1/4                 | 24                    |
| 300  | 4LCB-10-M450X   | 3.1                           | 1/2               | 115/230-60-1                     | 13.28               | 8.94 | 12.11 | 1/4                 | 33                    |
| 400  | 5LCA-10-M550NGX | 4.7                           | 3/4               | 115-60-1                         | 15.18               | 8.57 | 12.73 | 1/4                 | 39                    |
| 600  | 6LCF-10-M616NEX | 5.9                           | 1                 | 115/230-60-1                     | 15.68               | 8.17 | 12.39 | 1/4                 | 60                    |
| 800  | 7LDE-10-M853    | 7.9                           | 2                 | 230/460-60-3; 240/440-50-3       | 21.64               | 8.4  | 12.04 | 3/8                 | 66                    |
| 1000   | 8LDF-10-M850X   | 10.5                          | 2                 | 110/220; 115/230-1               | 21.64               | 8.85 | 12.23 | 3/8                 | 80                    |

All Oilless Air Compressors listed above come with inlet filter and safety valve. The maximum pressure rating is 50 PSI.

## 100 PSI Piston Air Compressors

| Max. Gallons in System to Pump to 40 PSI in 30 min. In support of NFPA Standard 13 | Model Number    | Free Air Flow at 40 PSI (CFM) | Power Rating (HP) | Operating Voltage Frequency (HZ) | Dimensions (Inches) |      |       | Pipe Size (In. NPT) | Shipping Weight (lbs) |
|--|-----------------|-------------------------------|-------------------|----------------------------------|---------------------|------|-------|---------------------|-----------------------|
|  |                 |                               |                   |                                  | L                   | W    | H     |                     |                       |
| 80   | 1HAB-10-M100X   | 0.75                          | 1/6               | 115-60-1                         | 11.96               | 8.78 | 18    | 1/4                 | 23                    |
| 120  | 2HAH-10-M200X   | 1.2                           | 1/4               | 115/230-60-1                     | 13.39               | 8.69 | 27    | 1/4                 | 25                    |
| 160  | 3HBB-10-M300AX  | 1.7                           | 1/3               | 115-60-1                         | 12.45               | 7.33 | 10.94 | 1/4                 | 24                    |
| 250  | 4HCC-10-M450X   | 2.6                           | 1/2               | 115-60-1                         | 14.86               | 8.9  | 12.41 | 1/4                 | 33                    |
| 340  | 5HCD-10-M550NGX | 3.6                           | 3/4               | 115-60-1                         | 15.18               | 8.57 | 12.73 | 1/4                 | 39                    |
| 390  | 6HCA-10-M616NEX | 4.2                           | 1                 | 115-60-1                         | 15.68               | 8.42 | 12.29 | 1/4                 | 60                    |
| 660  | 7HDD-10-M750X   | 7.0                           | 1 1/2             | 115-60-1                         | 21                  | 8.4  | 11.98 | 3/8                 | 70                    |
| 825  | 8HDM-10-M853    | 9.0                           | 2                 | 115-60-1                         | 21.64               | 8.4  | 12.12 | 3/8                 | 66                    |

All Oilless Air Compressors listed above come with inlet filter and safety valve. The maximum pressure rating is 100 PSI.

## System Air Capacity per 1' pipe (Based on actual internal diameter)

| Diameter (Inches) | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"   | 3 1/2" | 4"   | 5"   | 6"   | 8"   |
|-------------------|------|------|------|--------|--------|------|--------|------|--------|------|------|------|------|
| Gallons           | .016 | .028 | .045 | .078   | .106   | .174 | .248   | .383 | .513   | .660 | 1.04 | 1.50 | 2.66 |

All air compressors shown have open motors. Single phase motors have internal thermal protection. Dual voltage motors are shipped pre-wired for the higher voltage.

## Parts & Accessories

| Part Number | Description  | Used On<br>(See charts for full model number) |                            |
|-------------|--|---|----------------------------|
|             |  | Riser Mount                                   | Tank Systems               |
| AJ550       | Check Valve 1/4" NPT Female  | 1L up to 6L                                   | 1H up to 5H<br>1L up to 5L |
| AJ550A      | Check Valve 3/8" NPT Female  | 7L up to 8L & 120R                            | 6L up to 8L & 120R         |
| 5414505A    | Check Valve 1/4"   | 87R   |                            |
| AF631       | Shock/Isolation Mounts<br>1/4" - 20 thread both ends                       | 1L up to 3L, 87R & 120R                       | 1L up to 2L & 120R         |
| AF633       | Shock/Isolation Mounts<br>5/16" - 18 thread both ends                      | 4L up to 8L                                   | 1H up to 7H<br>1L up to 8L |
| AK620E      | Pressure Switch<br>(cut-in 13 PSI, cut-out 18 PSI)                         | All 55S tankless models                       |                            |
| AK620D      | Pressure Switch<br>(cut-in 40 PSI, cut-out 50 PSI)                         | All 46S tankless models                       |                            |
| AE163F      | Pressure Switch<br>(cut-in 30 PSI, cut-out 50 PSI)                         | All 46T tank models                           |                            |
| AF634       | 15" Hose Assembly 1/4" NPT Fittings<br>(for connecting compressor to tank) | All piston tank models with 1/4" NPT Fittings |                            |
| AH332       | 16" Hose Assembly 3/8" NPT Fittings<br>(for connecting compressor to tank) | All piston tank models with 3/8" NPT Fittings |                            |
| AF636       | 24" Flexible Connecting Hose<br>(for connecting compressor to system)      | All Models                                    |                            |
| K264        | Compressor Service Kit   | All 1H, 1L, 2H, 2L Models                     |                            |
| K260        | Compressor Service Kit   | All 3H, 3L Models                             |                            |
| K263        | Compressor Service Kit   | All 4H, 4L, 5H, 5L, 6H, 6L Models             |                            |
| K303        | Compressor Service Kit   | All 7H, 7L, 8H, 8L Models                     |                            |
| K965        | Compressor Service Kit   | 87R Models                                    |                            |
| K1028       | Compressor Service Kit   | 120R Models                                   |                            |
| AT670       | Compressor Mounting Bracket<br>(adjustable steel straps included)          | 1L up to 6L Models                            |                            |
| AT670A      | Compressor Mounting Bracket<br>(adjustable steel straps included)          | 7L & 8L Models                                |                            |
| K1022       | Floor Mount Kit  | 87R Models                                    |                            |
| B300A       | Intake Filter  | 87R Models                                    |                            |
| K1027       | Intake Filter  | 120R Models                                   |                            |
| SSP-87R6-01 | Sound Shield Kit   | 87R Models                                    |                            |



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