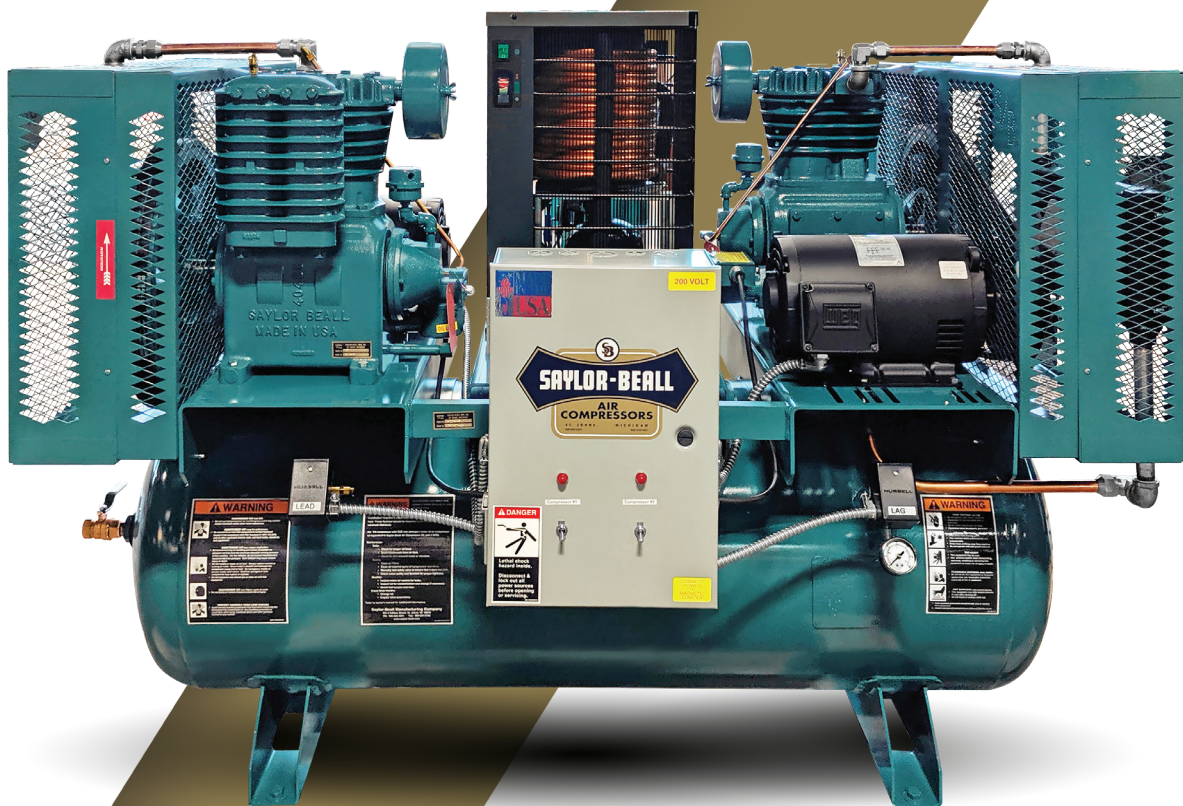




INDUSTRIAL QUALITY

## CLIMATE CONTROL AIR COMPRESSORS

1/2 - 30 HP



[Saylor-Beall.com](http://Saylor-Beall.com)

MADE IN THE USA

# SAYLOR-BEALL CLIMATE CONTROL PISTON AIR COMPRESSORS

Modern pneumatically operated climate and instrument control systems demand the very best from a compressed air supply. Saylor-Beall's many years of compressor experience has resulted in a line of climate control air compressors that meet the high levels of performance and quality customers have come to expect. Saylor-Beall Climate Control air compressors provide the reliable, efficient and economical operation needed to keep pneumatic systems operating at peak performance.

Every Saylor-Beall compressor has cast iron industrial quality construction giving longer compressor life; high operating efficiency (cfm/hp) resulting in lower utility costs; and easily serviced design reducing maintenance costs over time.

## SINGLE-STAGE PUMP SPECIFICATIONS

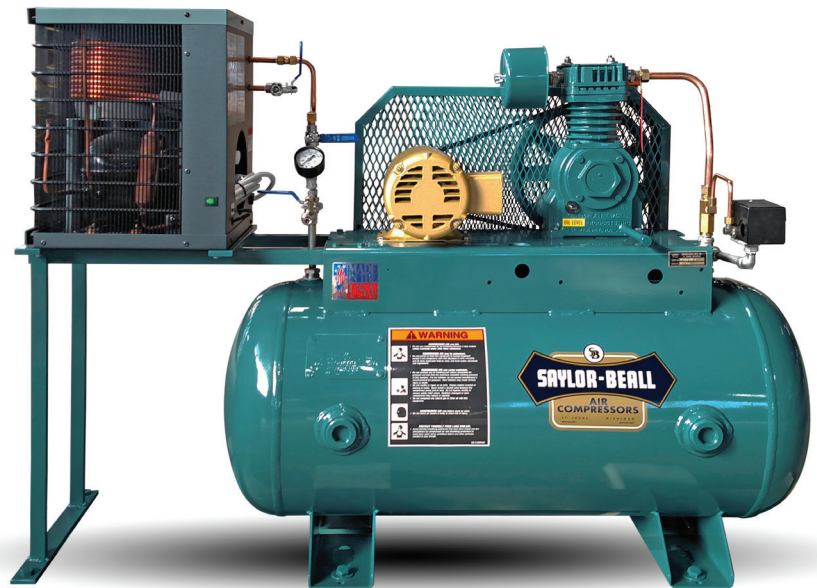
- Cast iron construction
- Disc type valves
- High flow flywheel
- Three piston rings for low oil carryover
- Automotive type insert bearings at the crankshaft
- Intake air filter/Silencer

## TWO-STAGE PUMP SPECIFICATIONS

- Cast iron construction
- Disc type valves accessible without removing the head
- Needle bearings at the wrist pin
- Automotive type insert bearings at the crankshaft.
- Four piston rings for low oil carry over.
- Over-sized tapered roller main bearing
- High flow flywheel.
- Crankcase side plate for easy access to the crankcase
- Intake air filter/silencer
- Cast iron inter-cooler with safety valve

## SIMPLEX SPECIFICATIONS

- ASME code air receiver
- ASME receiver safety valve
- OSHA totally enclosed belt guard
- NEMA electric motor
- NEMA pressure switch (set for 80-100 psi operation)
- Receiver pressure gauge
- Receiver outlet valve



**Model F-106-ICD**

# Supplying reliable, efficient and economical compressed air

To meet the special needs of climate and instrument control applications Saylor-Beall Climate Control air compressors achieve low oil carry-over through slow operating RPM, tightly controlled cylinder tolerances and special ring design.

Saylor-Beall's dedication to customer satisfaction continues after the sale. Every product that carries the Saylor-Beall name comes with the full support of an experienced air compressor company. Saylor-Beall stands behind every unit with service and technical support. A large network of distributors throughout the United States and Canada assures convenient service and parts availability.

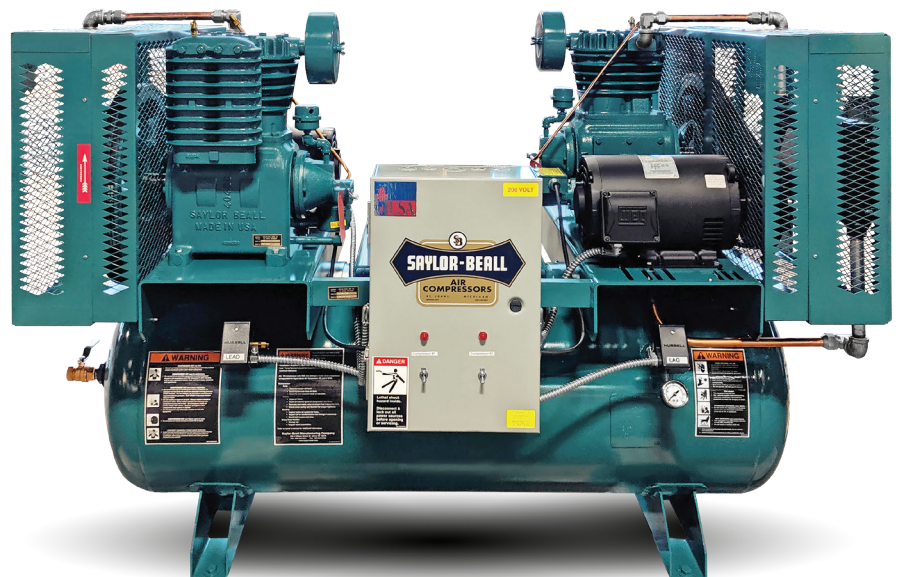
## DUPLEX SPECIFICATIONS

- ASME code air receiver
- ASME receiver safety valve
- OSHA totally enclosed belt guards (2)
- NEMA electric motors (2)
- NEMA pressure switches (2) - (set for 80-100 psi operation)
- Receiver pressure gauge
- Alternating control panel with magnetic starters (factory mounted and wired)
- Receiver outlet valve

## OPTIONS

### (for Simplex and Duplex Units)

- Full oil pressure lubrication
- Magnetic starters
- Low oil level shutdown
- Automatic tank drain
- Quiet intake filters
- Belt guard mounted, fan cooled after-cooler
- Refrigerated air dryers
- Desiccant air dryers
- Water separator filters
- Coalescing compressed air filters
- Carbon activated, oil vapor adsorbing compressed air filters
- Tank vibration isolators
- Flex outlet hose



*Many options can be factory mounted and/or wired.  
Please consult factory for details.*

**Model X-735-120-IC**

# SPECIFICATIONS

| Simplex Units - Tank Mounted |            |              |            |                |       |           |                  |               |
|------------------------------|------------|--------------|------------|----------------|-------|-----------|------------------|---------------|
| Motor H.P.                   | Tank (gal) | Model Number | Pump Model | 100 PSI Rating |       | Speed RPM | Dimensions LxWxH | Weight (lbs.) |
|                              |            |              |            | Disp CFM       | ACFM  |           |                  |               |
| ½                            | 30         | F-123-IC     | F Pump     | 2.7            | 1.7   | 470       | 38x16x32         | 197           |
|                              | 60         | F-126-IC     |            |                |       |           | 48x20x36         | 297           |
| ¾                            | 30         | F-343-IC     | F Pump     | 4.0            | 2.7   | 700       | 38x16x32         | 197           |
|                              | 60         | F-346-IC     |            |                |       |           | 48x20x36         | 297           |
| 1                            | 30         | K-103-IC     | K Pump     | 6.1            | 3.9   | 540       | 38x16x32         | 224           |
|                              | 60         | K-106-IC     |            |                |       |           | 48x20x36         | 324           |
| 1 ½                          | 60         | 715-60-IC    | 703        | 8.5            | 6.6   | 435       | 48x21x47         | 511           |
|                              | 80         | 715-80-IC    |            |                |       |           | 63x21x47         | 556           |
| 2                            | 60         | 720-60-IC    | 703        | 10.5           | 8.3   | 540       | 48x21x47         | 532           |
|                              | 80         | 720-80-IC    |            |                |       |           | 63x21x47         | 577           |
| 3                            | 60         | 730-60-IC    | 705        | 15.5           | 12.3  | 575       | 48x21x47         | 554           |
|                              | 80         | 730-80-IC    |            |                |       |           | 63x21x47         | 599           |
| 5                            | 80         | 735-80-IC    | 705        | 23.0           | 18.3  | 850       | 63x21x47         | 570           |
|                              | 120        | 735-120-IC   |            |                |       |           | 69x24x51         | 615           |
| 5                            | 80         | 737-80-IC    | 707        | 27.9           | 22.2  | 515       | 63x21x47         | 707           |
|                              | 120        | 737-120-IC   |            |                |       |           | 69x24x51         | 838           |
| 7 ½                          | 80         | 745-80-IC    | 707        | 39.4           | 31.2  | 730       | 63x21x47         | 713           |
|                              | 120        | 745-120-IC   |            |                |       |           | 69x24x51         | 840           |
| 10                           | 80         | 755-80-IC    | 707        | 46.0           | 36.6  | 850       | 63x21x47         | 733           |
|                              | 120        | 755-120-IC   |            |                |       |           | 69x24x51         | 854           |
| 10                           | 120        | 451012-IC    | 4500       | 51.0           | 41.8  | 665       | 75x29x58         | 1161          |
|                              | 200        | 451020-IC    |            |                |       |           | 78x30x63         | 1400          |
| 15                           | 120        | 451512-IC    | 4500       | 63.7           | 52.2  | 830       | 75x29x58         | 1195          |
|                              | 200        | 451520-IC    |            |                |       |           | 78x30x63         | 1434          |
| 15                           | 200        | 91520-IC     | 9000       | 84.4           | 72.1  | 550       | 78x30x63         | 1601          |
|                              | 240        | 91524-IC     |            |                |       |           | 85x30x63         | 1816          |
| 20                           | 240        | 92024-IC     | 9000       | 102.1          | 86.1  | 665       | 85x30x63         | 1858          |
| 25                           | 240        | 92524-IC     | 9000       | 119.7          | 101.6 | 780       | 85x30x63         | 1872          |
| 30                           | 240        | 93024-IC     | 9000       | 127.4          | 104.5 | 830       | 85x30x63         | 1893          |

| Simplex Units Tank Mounted w/ Refrigerated Air Dryer |            |              |            |                |      |           |                                |                  |               |
|------------------------------------------------------|------------|--------------|------------|----------------|------|-----------|--------------------------------|------------------|---------------|
| Motor H.P.                                           | Tank (gal) | Model Number | Pump Model | 100 PSI Rating |      | Speed RPM | Optional Coalescing Filter P/N | Dimensions LxWxH | Weight (lbs.) |
|                                                      |            |              |            | Disp CFM       | ACFM |           |                                |                  |               |
| ½                                                    | 30         | F-123-ICD    | F Pump     | 2.7            | 1.7  | 470       | SBCF-10                        | 38x25x35         | 263           |
|                                                      | 60         | F-126-ICD    |            |                |      |           |                                | 48x25x39         | 463           |
| ¾                                                    | 30         | F-343-ICD    | F Pump     | 4.0            | 2.7  | 700       | SBCF-10                        | 38x25x35         | 280           |
|                                                      | 60         | F-346-ICD    |            |                |      |           |                                | 48x25x39         | 473           |
| 1                                                    | 30         | K-103-ICD    | K Pump     | 6.1            | 3.9  | 540       | SBCF-10                        | 38x25x35         | 294           |
|                                                      | 60         | K-106-ICD    |            |                |      |           |                                | 48x25x39         | 477           |
| 1 ½                                                  | 80         | 715-80-ICD   | 703        | 8.5            | 6.6  | 435       | SBCF-10                        | 79x32x54         | 626           |
| 2                                                    | 80         | 720-80-ICD   | 703        | 10.5           | 8.3  | 540       | SBCF-10                        | 79x32x54         | 647           |

SPECS continued onto next page

## SPECIFICATIONS

| Simplex Units Tank Mounted w/ Refrigerated Air Dryer (CONTINUED) |            |              |            |                |      |           |                                |                  |               |
|------------------------------------------------------------------|------------|--------------|------------|----------------|------|-----------|--------------------------------|------------------|---------------|
| Motor H.P.                                                       | Tank (gal) | Model Number | Pump Model | 100 PSI Rating |      | Speed RPM | Optional Coalescing Filter P/N | Dimensions LxWxH | Weight (lbs.) |
|                                                                  |            |              |            | Disp CFM       | ACFM |           |                                |                  |               |
| 3                                                                | 80         | 730-80-ICD   | 705        | 15.5           | 12.3 | 575       | SBCF-20                        | 79x32x54         | 677           |
| 5                                                                | 80         | 735-80-ICD   | 705        | 23.0           | 18.3 | 850       | SBCF-20                        | 79x32x54         | 693           |
|                                                                  | 120        | 735-120-ICD  |            |                |      |           |                                | 85x34x58         | 819           |
| 5                                                                | 80         | 737-80-ICD   | 707        | 27.9           | 22.2 | 515       | SBCF-20                        | 79x32x54         | 822           |
|                                                                  | 120        | 737-120-ICD  |            |                |      |           |                                | 85x34x58         | 953           |
| 7 ½                                                              | 80         | 745-80-ICD   | 707        | 39.4           | 31.2 | 730       | SBCF-50                        | 79x32x54         | 828           |
|                                                                  | 120        | 745-120-ICD  |            |                |      |           |                                | 85x34x58         | 955           |
| 10                                                               | 80         | 755-80-ICD   | 707        | 46.0           | 36.6 | 850       | SBCF-50                        | 79x32x54         | 932           |
|                                                                  | 120        | 755-120-ICD  |            |                |      |           |                                | 85x34x58         | 1053          |
| 10                                                               | 120        | 451012-ICD   | 4500       | 51.0           | 41.8 | 665       | SBCF-50                        | 85x34x65         | 1361          |
| 15                                                               | 120        | 451512-ICD   | 4500       | 63.7           | 52.2 | 830       | SBCF-50                        | 85x34x65         | 1415          |

| Duplex Units - Tank Mounted |            |              |            |                |       |           |                  |               |  |
|-----------------------------|------------|--------------|------------|----------------|-------|-----------|------------------|---------------|--|
| Motor H.P.                  | Tank (gal) | Model Number | Pump Model | 100 PSI Rating |       | Speed RPM | Dimensions LxWxH | Weight (lbs.) |  |
|                             |            |              |            | Disp CFM       | ACFM  |           |                  |               |  |
| ½                           | 30         | XF-123-IC    | (2) F Pump | 5.4            | 3.4   | 470       | 38x31x35         | 270           |  |
|                             | 60         | XF-126-IC    |            |                |       |           | 48x31x39         | 370           |  |
| ¾                           | 30         | XF-343-IC    | (2) F Pump | 8.0            | 5.4   | 700       | 38x31x35         | 272           |  |
|                             | 60         | XF-346-IC    |            |                |       |           | 48x31x39         | 507           |  |
| 1                           | 60         | XK-106-IC    | (2) K Pump | 12.2           | 7.8   | 540       | 38x31x35         | 507           |  |
|                             | 80         | XK-108-IC    |            |                |       |           | 53x31x39         | 552           |  |
| 1 ½                         | 80         | X-715-80-IC  | (2) 703    | 17.0           | 13.6  | 435       | 63x40x46         | 970           |  |
|                             | 120        | X-715-80-IC  |            |                |       |           | 69x40x50         | 1095          |  |
| 2                           | 80         | X-720-80-IC  | (2) 703    | 21.0           | 16.6  | 540       | 63x40x46         | 1008          |  |
|                             | 120        | X-720-120-IC |            |                |       |           | 69x40x50         | 1133          |  |
| 3                           | 80         | X-730-80-IC  | (2) 705    | 31.0           | 24.6  | 575       | 63x40x46         | 1072          |  |
|                             | 120        | X-730-120-IC |            |                |       |           | 69x40x50         | 1197          |  |
| 5                           | 80         | X-735-80-IC  | (2) 705    | 46.0           | 36.6  | 850       | 63x40x46         | 1078          |  |
|                             | 120        | X-735-120-IC |            |                |       |           | 69x40x50         | 1203          |  |
| 5                           | 120        | X-737-120-IC | (2) 707    | 55.8           | 44.4  | 515       | 69x51x50         | 1403          |  |
|                             | 200        | X-737-200-IC |            |                |       |           | 72x51x56         | 1605          |  |
| 7 ½                         | 120        | X-745-120-IC | (2) 707    | 79.8           | 62.4  | 730       | 69x51x50         | 1415          |  |
|                             | 200        | X-745-200-IC |            |                |       |           | 72x51x56         | 1617          |  |
| 10                          | 120        | X-755-120-IC | (2) 707    | 92.0           | 73.2  | 850       | 69x51x50         | 1428          |  |
|                             | 200        | X-755-200-IC |            |                |       |           | 72x51x56         | 1634          |  |
| 10                          | 200        | X-451020-IC  | (2) 4500   | 102.0          | 83.6  | 665       | 77x52x76         | 2445          |  |
|                             | 240        | X-451024-IC  |            |                |       |           | 90x59x76         | 2680          |  |
| 15                          | 200        | X-451520-IC  | (2) 4500   | 127.4          | 104.4 | 830       | 77x52x76         | 2513          |  |
|                             | 240        | X-451524-IC  |            |                |       |           | 90x59x76         | 2748          |  |
| 15                          | 240        | X-91524-IC   | (2) 9000   | 168.8          | 144.2 | 550       | 90x68x73         | 3316          |  |
| 20                          | 240        | X-92024-IC   | (2) 9000   | 204.2          | 172.2 | 665       | 90x68x73         | 3456          |  |
| 25                          | 240        | X-92524-IC   | (2) 9000   | 239.4          | 203.2 | 780       | 90x68x73         | 3556          |  |
| 30                          | 240        | X-93024-IC   | (2) 9000   | 255.0          | 209.0 | 830       | 90x68x73         | 3758          |  |
| 30                          | 240        | 93024-IC     | 9000       | 127.4          | 104.5 | 830       | 85x30x63         | 1893          |  |

# PRODUCT LINE

## COMPRESSORS

- Splash Lube Air Compressors
- Pressure Lube Air Compressors
- Duplex Compressors
- Performance Packages
- Engine Driven Compressors
- Oilless Compressors
- Rotary Screw Air Compressors
- CD & CDD Compressor Packages
- Two Stage Air Compressors

## DRYERS

- SBD Series Dryers
- SBR/HR Series Dryers

## PUMPS

- Splash Lubricated Pumps
- Pressure Lubricated Pumps
- Single Stage Air Compressor Pumps
- Two Stage Air Compressor Pumps
- Oilless Air Compressor Pumps



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