# Performance Data for JF Series Pumps

## F-Series Venturis – Low Vacuum Applications

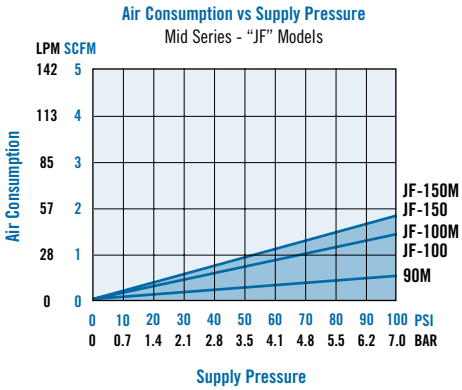
**F** is for "Low" vacuum levels up to 10"Hg [339mbar] for handling delicate parts, thin walled materials and for process control applications.

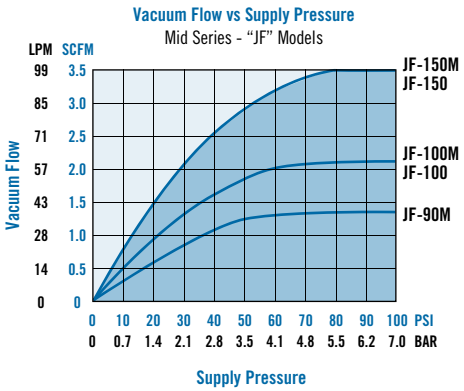
| Model # | Air Consumption SCFM | Imperial – Vacuum Flow (SCFM) vs. Vacuum Level ("Hg) | | | | |
|---|---|---|---|---|---|---|
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 10"Hg |
| JF-90M | 0.50 | 1.30 | 1.10 | 0.70 | 0.20 | 0.00 |
| JF-100M | 1.40 | 2.10 | 1.60 | 1.10 | 0.50 | 0.00 |
| JF-100 | | | | | | |
| JF-150M | 1.80 | 3.50 | 2.50 | 1.90 | 0.70 | 0.00 |
| JF-150 | | | | | | |
| **Model #** | | **Evacuation Time in Seconds based on 1 Cubic Foot Volume/"Hg** | | | | |
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 10"Hg |
| JF-90M | | 0.00 | 3.26 | 7.93 | 18.65 | 39.63 |
| JF-100M | | 0.00 | 2.33 | 4.66 | 10.88 | 24.09 |
| JF-100 | | | | | | |
| JF-150M | | 0.00 | 2.05 | 4.62 | 11.80 | 22.80 |
| JF-150 | | | | | | |

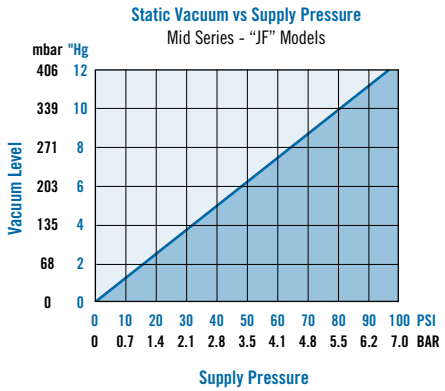
| Model # | Air Consumption L/min | Metric – Vacuum Flow (L/min) vs. Vacuum Level (mbar) | | | | |
|---|---|---|---|---|---|---|
| | | 0mbar | 102mbar | 203mbar | 305mbar | 339mbar |
| I-JF-90M | 14.2 | 36.8 | 31.1 | 19.8 | 5.7 | 0.0 |
| I-JF-100M | 39.6 | 59.5 | 45.3 | 31.1 | 14.2 | 0.0 |
| I-JF-100 | | | | | | |
| I-JF-150M | 51.0 | 99.1 | 70.8 | 53.8 | 19.8 | 0.0 |
| I-JF-150 | | | | | | |
| **Model #** | | **Evacuation Time in Seconds based on 1 Liter Volume/mbar** | | | | |
| | | 0mbar | 102mbar | 203mbar | 305mbar | 339mbar |
| I-JF-90M | | 0.0 | 0.1 | 0.3 | 0.7 | 1.4 |
| I-JF-100M | | 0.0 | 0.1 | 0.2 | 0.4 | 0.9 |
| I-JF-100 | | | | | | |
| I-JF-150M | | 0.0 | 0.1 | 0.2 | 0.4 | 0.8 |
| I-JF-150 | | | | | | |

**Note 1:** Standard operating pressure for Vaccon pumps is 80 PSI [5.5 bar]. Pumps can be factory modified to run at other operating pressures i.e. 60 PSI [4.1 bar] etc. The values shown in the performance chart will remain the same for all operating pressures.

**Note 2:** Evacuation speed is linear with volume. A 2 cu. ft. volume will take twice as long to evacuate as a 1 cu. ft. volume.




**Note:** Performance Charts represent average performance data. For reference only.

# Performance Data for JF Series Pumps

## F-Series Venturis – Low Vacuum Applications

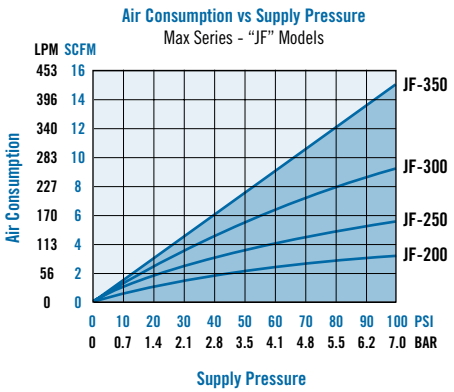
**F** is for "Low" vacuum levels up to 10"Hg [339mbar] for handling delicate parts, thin walled materials and for process control applications.

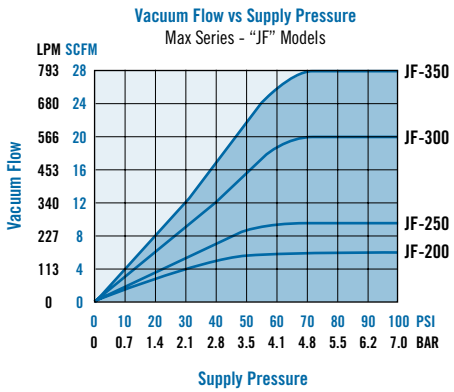
| Model # | Air Consumption SCFM | Imperial – Vacuum Flow (SCFM) vs. Vacuum Level ("Hg) | | | | |
|---|---|---|---|---|---|---|
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 10"Hg |
| JF-200 | 2.80 | 6.00 | 5.80 | 4.30 | 1.70 | 0.00 |
| JF-250 | 4.80 | 9.50 | 7.90 | 5.70 | 2.20 | 0.00 |
| JF-300 | 7.80 | 20.00 | 14.00 | 9.50 | 3.50 | 0.00 |
| JF-350 | 12.50 | 28.00 | 18.00 | 12.30 | 4.50 | 0.00 |
| Model # | | Evacuation Time in Seconds based on 1 Cubic Foot Volume/"Hg | | | | |
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 10"Hg |
| JF-200 | | 0.00 | 0.77 | 2.05 | 4.62 | 13.34 |
| JF-250 | | 0.00 | 0.52 | 1.28 | 3.08 | 7.95 |
| JF-300 | | 0.00 | 0.26 | 0.77 | 1.80 | 4.10 |
| JF-350 | | 0.00 | 0.00 | 0.52 | 1.28 | 2.82 |

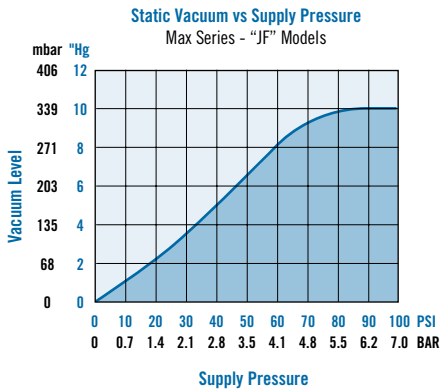
| Model # | Air Consumption L/min | Metric – Vacuum Flow (L/min) vs. Vacuum Level (mbar) | | | | |
|---|---|---|---|---|---|---|
| | | 0mbar | 102mbar | 203mbar | 305mbar | 339mbar |
| I-JF-200 | 79.3 | 169.9 | 164.2 | 121.8 | 48.1 | 0.0 |
| I-JF-250 | 135.9 | 269.0 | 223.7 | 161.4 | 62.3 | 0.0 |
| I-JF-300 | 220.9 | 566.3 | 396.4 | 269.0 | 99.1 | 0.0 |
| I-JF-350 | 354.0 | 792.9 | 509.7 | 348.3 | 127.4 | 0.0 |
| Model # | | Evacuation Time in Seconds based on 1 Liter Volume/mbar | | | | |
| | | 0mbar | 102mbar | 203mbar | 305mbar | 339mbar |
| I-JF-200 | | 0.0 | 0.0 | 0.1 | 0.2 | 0.5 |
| I-JF-250 | | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 |
| I-JF-300 | | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| I-JF-350 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |

**Note 1:** Standard operating pressure for Vaccon pumps is 80 PSI [5.5 bar]. Pumps can be factory modified to run at other operating pressures i.e. 60 PSI [4.1 bar] etc. The values shown in the performance chart will remain the same for all operating pressures.

**Note 2:** Evacuation speed is linear with volume. A 2 cu. ft. volume will take twice as long to evacuate as a 1 cu. ft. volume.




**Note:** Performance Charts represent average performance data. For reference only.

# Performance Data for JD Series Pumps

## D-Series Venturis – Medium Vacuum Applications

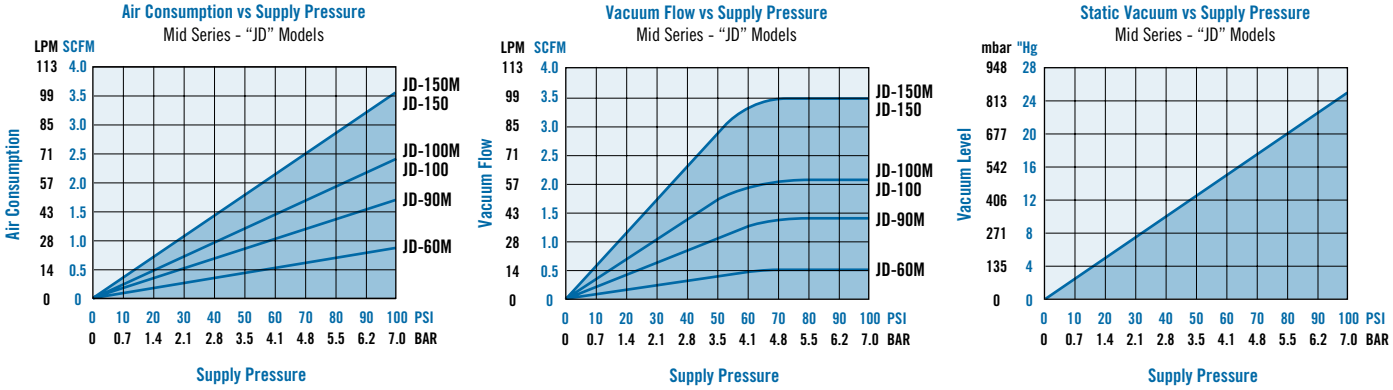
**D** is for "Medium" vacuum levels up to 20"Hg [667mbar] for applications involving porous materials (cardboard, wood, masonry, baked goods, textiles.)

| Model # | Air Consumption SCFM | Imperial – Vacuum Flow (SCFM) vs. Vacuum Level ("Hg) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 12"Hg | 15"Hg | 18"Hg | 20"Hg |
| JD-60M | 0.50 | 0.50 | 0.40 | 0.30 | 0.22 | 0.15 | 0.08 | 0.03 | 0.00 |
| JD-90M | 1.40 | 1.40 | 1.25 | 1.20 | 1.05 | 0.85 | 0.65 | 0.25 | 0.00 |
| JD-100M | 1.80 | 2.10 | 2.00 | 1.85 | 1.75 | 1.60 | 1.25 | 0.80 | 0.00 |
| JD-100 | | | | | | | | | |
| JD-150M | 2.80 | 3.50 | 3.20 | 2.95 | 2.75 | 2.50 | 1.80 | 0.95 | 0.00 |
| JD-150 | | | | | | | | | |
| **Model #** | | **Evacuation Time in Seconds based on 1 Cubic Foot Volume/"Hg** | | | | | | | |
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 12"Hg | 15"Hg | 18"Hg | 20"Hg |
| JD-60M | | 0.00 | 12.50 | 25.10 | 43.90 | 68.60 | 99.30 | 153.70 | 227.00 |
| JD-90M | | 0.00 | 3.75 | 7.20 | 12.40 | 19.10 | 29.90 | 52.00 | 104.00 |
| JD-100M | | 0.00 | 2.65 | 5.80 | 9.90 | 16.20 | 22.90 | 36.20 | 56.60 |
| JD-100 | | | | | | | | | |
| JD-150M | | 0.00 | 1.35 | 3.20 | 5.20 | 7.70 | 11.80 | 23.40 | 52.00 |
| JD-150 | | | | | | | | | |

| Model # | Air Consumption LPM | Metric – Vacuum Flow (L/min) vs. Vacuum Level (mbar) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 0mbar | 102mbar | 203mbar | 305mbar | 406mbar | 508mbar | 609mbar | 677mbar |
| I-JD-60M | 14.2 | 14.2 | 11.3 | 8.5 | 6.2 | 4.2 | 2.3 | 0.8 | 0.0 |
| I-JD-90M | 39.6 | 39.6 | 35.4 | 34.0 | 29.7 | 24.1 | 18.4 | 7.1 | 0.0 |
| I-JD-100M | 51.0 | 59.5 | 56.6 | 52.4 | 49.6 | 45.3 | 35.4 | 22.7 | 0.0 |
| I-JD-100 | | | | | | | | | |
| I-JD-150M | 79.3 | 99.1 | 90.6 | 83.5 | 77.9 | 70.8 | 51.0 | 26.9 | 0.0 |
| I-JD-150 | | | | | | | | | |
| **Model #** | | **Evacuation Time in Seconds based on 1 Liter Volume/mbar** | | | | | | | |
| | | 0mbar | 102mbar | 203mbar | 305mbar | 406mbar | 508mbar | 609mbar | 677mbar |
| I-JD-60M | | 0.0 | 0.4 | 0.9 | 1.6 | 2.4 | 3.5 | 5.4 | 8.0 |
| I-JD-90M | | 0.0 | 0.1 | 0.3 | 0.4 | 0.7 | 1.1 | 1.8 | 3.7 |
| I-JD-100M | | 0.0 | 0.1 | 0.2 | 0.3 | 0.6 | 0.8 | 1.3 | 2.0 |
| I-JD-100 | | | | | | | | | |
| I-JD-150M | | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.8 | 1.8 |
| I-JD-150 | | | | | | | | | |

**Note 1:** Standard operating pressure for Vaccon pumps is 80 PSI [5.5 bar]. Pumps can be factory modified to run at other operating pressures i.e. 60 PSI [4.1 bar] etc. The values shown in the performance chart will remain the same for all operating pressures.

**Note 2:** Evacuation speed is linear with volume. A 2 cu. ft. volume will take twice as long to evacuate as a 1 cu. ft. volume.




**Note:** Performance Charts represent average performance data. For reference only.

# Performance Data for JD Series Pumps

## D-Series Venturis – Medium Vacuum Applications

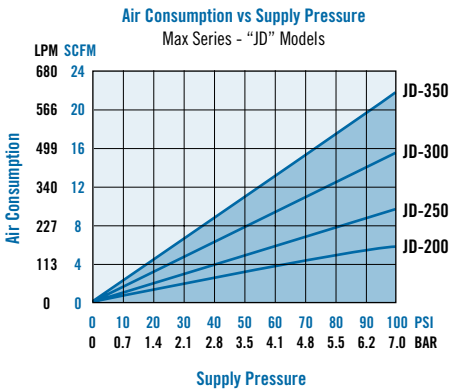
**D** is for "Medium" vacuum levels up to 20"Hg [667mbar] for applications involving porous materials (cardboard, wood, masonry, baked goods, textiles.)

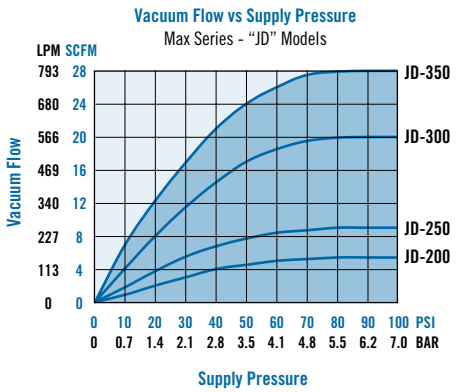
| Model # | Air Consumption SCFM | Imperial – Vacuum Flow (SCFM) vs. Vacuum Level ("Hg) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 12"Hg | 15"Hg | 18"Hg | 20"Hg |
| JD-200 | 4.80 | 6.00 | 5.30 | 4.90 | 4.00 | 3.50 | 2.50 | 1.10 | 0.00 |
| JD-250 | 7.80 | 9.50 | 9.20 | 8.30 | 7.00 | 4.70 | 3.40 | 2.20 | 0.00 |
| JD-300 | 12.50 | 20.00 | 19.00 | 16.30 | 13.80 | 8.10 | 5.50 | 3.30 | 0.00 |
| JD-350 | 22.00 | 28.00 | 24.00 | 19.40 | 16.80 | 14.50 | 11.20 | 4.80 | 0.00 |
| **Model #** | | **Evacuation Time in Seconds based on 1 Cubic Foot Volume/"Hg** | | | | | | | |
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 12"Hg | 15"Hg | 18"Hg | 20"Hg |
| JD-200 | | 0.00 | 0.75 | 1.90 | 3.20 | 5.30 | 8.70 | 17.10 | 42.60 |
| JD-250 | | 0.00 | 0.45 | 1.10 | 2.40 | 3.80 | 6.00 | 9.70 | 15.40 |
| JD-300 | | 0.00 | 0.00 | 0.00 | 1.10 | 1.80 | 2.70 | 4.60 | 8.70 |
| JD-350 | | 0.00 | 0.00 | 0.00 | 1.00 | 1.50 | 2.10 | 4.30 | 8.40 |

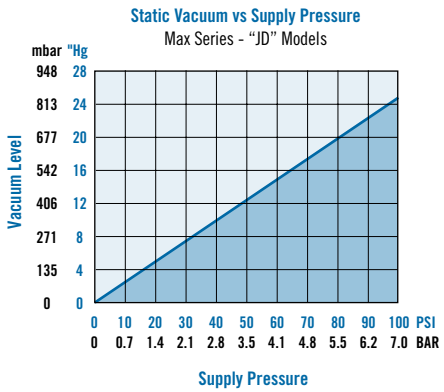
| Model # | Air Consumption L/min | Metric – Vacuum Flow (L/min) vs. Vacuum Level (mbar) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 0mbar | 102mbar | 203mbar | 305mbar | 406mbar | 508mbar | 609mbar | 677mbar |
| I-JD-200 | 135.9 | 169.9 | 150.1 | 138.8 | 113.3 | 99.1 | 70.8 | 31.1 | 0.0 |
| I-JD-250 | 220.9 | 269.0 | 260.5 | 235.0 | 198.2 | 133.1 | 96.3 | 62.3 | 0.0 |
| I-JD-300 | 354.0 | 566.3 | 538.0 | 461.6 | 390.8 | 229.4 | 155.7 | 93.4 | 0.0 |
| I-JD-350 | 623.0 | 792.9 | 679.6 | 549.3 | 475.7 | 410.6 | 317.1 | 135.9 | 0.0 |
| **Model #** | | **Evacuation Time in Seconds based on 1 Liter Volume/mbar** | | | | | | | |
| | | 0mbar | 102mbar | 203mbar | 305mbar | 406mbar | 508mbar | 609mbar | 677mbar |
| I-JD-200 | | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.6 | 1.5 |
| I-JD-250 | | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 |
| I-JD-300 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 |
| I-JD-350 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 |

**Note 1:** Standard operating pressure for Vaccon pumps is 80 PSI [5.5 bar]. Pumps can be factory modified to run at other operating pressures i.e. 60 PSI [4.1 bar] etc. The values shown in the performance chart will remain the same for all operating pressures.

**Note 2:** Evacuation speed is linear with volume. A 2 cu. ft. volume will take twice as long to evacuate as a 1 cu. ft. volume.




**Note:** Performance Charts represent average performance data. For reference only.

# Performance Data for JS Series Pumps

## S-Series Venturis – High Vacuum Applications

**S** is for "High" vacuum levels up to 28"Hg [948mbar] for applications involving non-porous materials (steel, plastic, glass, etc.)

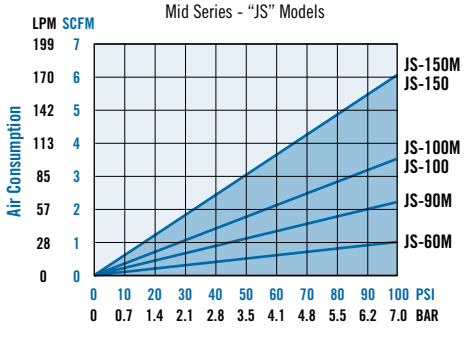
| Model # | Air Consumption SCFM | Imperial – Vacuum Flow (SCFM) vs. Vacuum Level ("Hg) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 12"Hg | 15"Hg | 18"Hg | 21"Hg | 24"Hg | 27 Hg | 28"Hg |
| JS-60M | 0.80 | 0.50 | 0.38 | 0.32 | 0.30 | 0.27 | 0.23 | 0.20 | 0.13 | 0.05 | 0.02 | 0.00 |
| JS-90M | 1.80 | 1.20 | 1.00 | 0.95 | 0.90 | 0.85 | 0.75 | 0.70 | 0.52 | 0.47 | 0.20 | 0.00 |
| JS-100M | 2.80 | 2.00 | 1.85 | 1.75 | 1.57 | 1.40 | 1.25 | 1.05 | 0.84 | 0.70 | 0.35 | 0.00 |
| JS-100 | | | | | | | | | | | | |
| JS-150M | 4.80 | 3.20 | 2.80 | 2.50 | 2.30 | 2.00 | 1.60 | 1.40 | 1.20 | 0.80 | 0.50 | 0.00 |
| JS-150 | | | | | | | | | | | | |
| **Model #** | | **Evacuation Time in Seconds based on 1 Cubic Foot Volume/"Hg** | | | | | | | | | | |
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 12"Hg | 15"Hg | 18"Hg | 21"Hg | 24"Hg | 27"Hg | 28"Hg |
| JS-60M | | 0.00 | 15.00 | 29.80 | 50.60 | 74.50 | 102.80 | 135.90 | 183.20 | 245.90 | 410.20 | 790.80 |
| JS-90M | | 0.00 | 6.50 | 12.30 | 18.90 | 32.50 | 47.00 | 65.40 | 92.20 | 130.00 | 222.20 | 281.30 |
| JS-100M | | 0.00 | 2.70 | 6.50 | 11.20 | 17.50 | 25.80 | 38.40 | 55.20 | 79.20 | 166.70 | 251.80 |
| JS-100 | | | | | | | | | | | | |
| JS-150M | | 0.00 | 2.30 | 3.80 | 6.50 | 10.20 | 14.20 | 21.30 | 44.90 | 55.00 | 81.00 | 125.00 |
| JS-150 | | | | | | | | | | | | |

| Model # | Air Consumption L/min | Metric – Vacuum Flow (L/min) vs. Vacuum Level (mbar) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0mbar | 102mbar | 203mbar | 305mbar | 406mbar | 508mbar | 609mbar | 711mbar | 813mbar | 914mbar | 948mbar |
| I-JS-60M | 22.7 | 14.2 | 10.8 | 9.1 | 8.5 | 7.6 | 6.5 | 5.7 | 3.7 | 1.4 | 0.6 | 0.0 |
| I-JS-90M | 51.0 | 34.0 | 28.3 | 26.9 | 25.5 | 24.1 | 21.2 | 19.8 | 14.7 | 13.3 | 5.7 | 0.0 |
| I-JS-100M | 79.3 | 56.6 | 52.4 | 49.6 | 44.5 | 39.6 | 35.4 | 29.7 | 23.8 | 19.8 | 9.9 | 0.0 |
| I-JS-100 | | | | | | | | | | | | |
| I-JS-150M | 135.9 | 90.6 | 79.3 | 70.8 | 65.1 | 56.6 | 45.3 | 39.6 | 34.0 | 22.7 | 14.2 | 0.0 |
| I-JS-150 | | | | | | | | | | | | |
| **Model #** | | **Evacuation Time in Seconds based on 1 Liter Volume/mbar** | | | | | | | | | | |
| | | 0mbar | 102mbar | 203mbar | 305mbar | 406mbar | 508mbar | 609mbar | 711mbar | 813mbar | 914mbar | 948mbar |
| I-JS-60M | | 0.0 | 0.5 | 1.1 | 1.8 | 2.6 | 3.6 | 4.8 | 6.5 | 8.7 | 14.5 | 27.9 |
| I-JS-90M | | 0.0 | 0.2 | 0.4 | 0.7 | 1.1 | 1.7 | 2.3 | 3.3 | 4.6 | 7.8 | 9.9 |
| I-JS-100M | | 0.0 | 0.1 | 0.2 | 0.4 | 0.6 | 0.9 | 1.4 | 1.9 | 2.8 | 5.9 | 8.9 |
| I-JS-100 | | | | | | | | | | | | |
| I-JS-150M | | 0.0 | 0.1 | 0.1 | 0.2 | 0.4 | 0.5 | 0.8 | 1.6 | 1.9 | 2.9 | 4.4 |
| I-JS-150 | | | | | | | | | | | | |

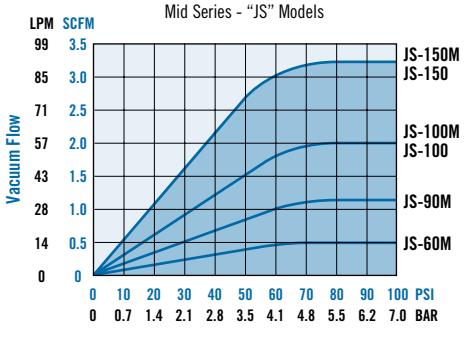
**Note 1:** Standard operating pressure for Vaccon pumps is 80 PSI [5.5 bar]. Pumps can be factory modified to run at other operating pressures i.e. 60 PSI [4.1 bar] etc. The values shown in the performance chart will remain the same for all operating pressures.

**Note 2:** Evacuation speed is linear with volume. A 2 cu. ft. volume will take twice as long to evacuate as a 1 cu. ft. volume.

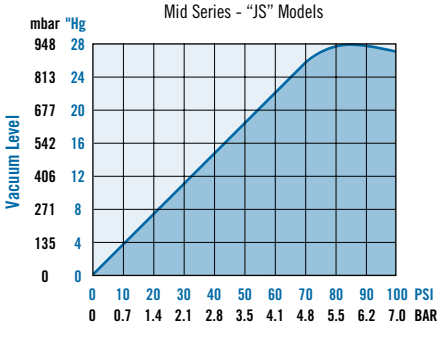
Air Consumption vs Supply Pressure
Mid Series - "JS" Models




Vacuum Flow vs Supply Pressure
Mid Series - "JS" Models




Static Vacuum vs Supply Pressure
Mid Series - "JS" Models




**Note:** Performance Charts represent average performance data. For reference only.

# Performance Data for JS Series Pumps

## S-Series Venturis – High Vacuum Applications

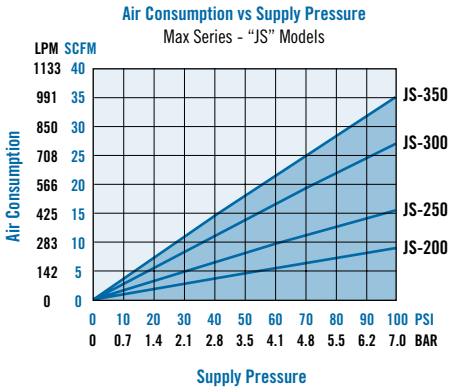
**S** is for "High" vacuum levels up to 28"Hg [948mbar] for applications involving non-porous materials (steel, plastic, glass, etc.)

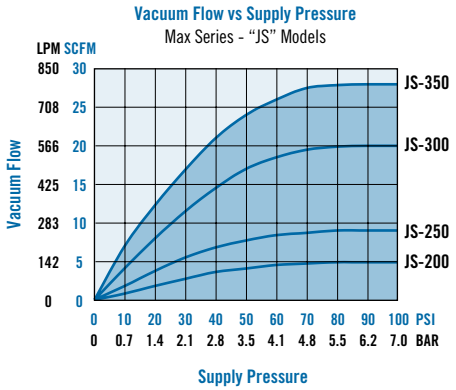
| Model # | Air Consumption SCFM | Imperial – Vacuum Flow (SCFM) vs. Vacuum Level ("Hg) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 12"Hg | 15"Hg | 18"Hg | 21"Hg | 24"Hg | 27"Hg | 28"Hg |
| JS-200 | 7.80 | 5.40 | 4.70 | 3.85 | 3.30 | 3.00 | 2.60 | 2.10 | 1.60 | 1.20 | 0.60 | 0.00 |
| JS-250 | 12.50 | 9.00 | 8.50 | 7.85 | 7.00 | 6.50 | 5.30 | 3.90 | 2.50 | 1.80 | 0.90 | 0.00 |
| JS-300 | 22.00 | 20.00 | 17.00 | 14.00 | 12.70 | 12.00 | 10.00 | 7.40 | 4.90 | 2.70 | 1.30 | 0.00 |
| JS-350 | 28.00 | 28.00 | 22.00 | 18.70 | 15.90 | 14.50 | 11.80 | 8.10 | 5.70 | 4.50 | 2.25 | 0.00 |
| Model # | | Evacuation Time in Seconds based on 1 Cubic Foot Volume/"Hg | | | | | | | | | | |
| | | 0"Hg | 3"Hg | 6"Hg | 9"Hg | 12"Hg | 15"Hg | 18"Hg | 21"Hg | 24"Hg | 27"Hg | 28"Hg |
| JS-200 | | 0.00 | 1.20 | 2.10 | 3.40 | 5.20 | 7.70 | 11.50 | 20.00 | 33.50 | 62.60 | 98.10 |
| JS-250 | | 0.00 | 0.75 | 1.30 | 2.20 | 3.50 | 5.60 | 9.10 | 17.40 | 30.10 | 56.00 | 76.00 |
| JS-300 | | 0.00 | 0.00 | 0.80 | 1.20 | 2.00 | 2.80 | 3.90 | 5.90 | 11.10 | 32.70 | 60.00 |
| JS-350 | | 0.00 | 0.00 | 0.00 | 1.20 | 1.90 | 2.30 | 3.40 | 5.30 | 8.80 | 26.00 | 44.00 |

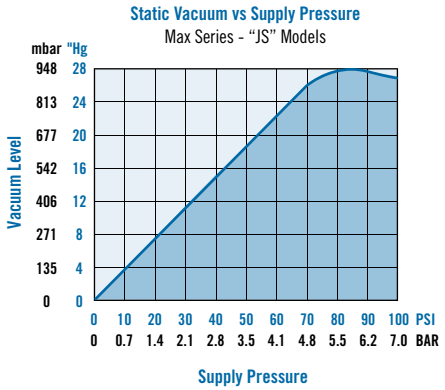
| Model # | Air Consumption L/min | Metric – Vacuum Flow (L/min) vs. Vacuum Level (mbar) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0mbar | 102mbar | 203mbar | 305mbar | 406mbar | 508mbar | 609mbar | 711mbar | 814mbar | 914mbar | 948mbar |
| I-JS-200 | 220.9 | 152.9 | 133.1 | 109.0 | 93.4 | 85.0 | 73.6 | 59.5 | 45.3 | 34.0 | 17.0 | 0.0 |
| I-JS-250 | 354.0 | 254.9 | 240.7 | 222.3 | 198.2 | 184.1 | 150.1 | 110.4 | 70.8 | 51.0 | 25.5 | 0.0 |
| I-JS-300 | 623.0 | 566.3 | 481.4 | 396.4 | 359.6 | 339.8 | 238.2 | 209.5 | 138.8 | 76.5 | 36.8 | 0.0 |
| I-JS-350 | 792.9 | 792.9 | 623.0 | 529.5 | 450.2 | 410.6 | 334.1 | 229.4 | 161.4 | 127.4 | 63.7 | 0.0 |
| Model # | | Evacuation Time in Seconds based on 1 Liter Volume/mbar | | | | | | | | | | |
| | | 0mbar | 102mbar | 203mbar | 305mbar | 406mbar | 508mbar | 609mbar | 711mbar | 814mbar | 914mbar | 948mbar |
| I-JS-200 | | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.7 | 1.2 | 2.2 | 3.5 |
| I-JS-250 | | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.6 | 1.1 | 2.0 | 2.7 |
| I-JS-300 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 1.2 | 2.1 |
| I-JS-350 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.9 | 1.6 |

**Note 1:** Standard operating pressure for Vaccon pumps is 80 PSI [5.5 bar]. Pumps can be factory modified to run at other operating pressures i.e. 60 PSI [4 bar] etc. The values shown in the performance chart will remain the same for all operating pressures.

**Note 2:** Evacuation speed is linear with volume. A 2 cu. ft. volume will take twice as long to evacuate as a 1 cu. ft. volume.




**Note:** Performance Charts represent average performance data. For reference only.