## Model 243 Capacity Tables

### 1½" and 2" Model 243-8-1 and 243-8-2 in SCFH of Natural Gas (0.6 Specific Gravity – 14.65 psia – 60°F)

| Outlet Pressure and Spring | Inlet Pressure psi | Orifice Size and Valve Angle | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1" | ¾" | ½" | ⅜" | ¼" | 0.207" |
| | | 30° | 10° | 10° | 10° | 10° | 10° |
| Setpoint 6" w.c. 1" w.c. Droop Red-Black Spring 3½" to 6½" w.c. 143-82-021-00 | ½ | 1100 | 900 | 700 | 500 | | |
| | 1 | 1950 | 1600 | 1050 | 750 | 350 | |
| | 2 | 3200 | 2400 | 1550 | 1000 | 550 | 350 |
| | 5 | 5200 | 3900 | 2700 | 1900 | 950 | 550 |
| | 10 | 7400 | 5800 | 4500 | 3000 | 1350 | 900 |
| | 15 | 9100 | 7100 | 5800 | 3800 | 1700 | 1150 |
| | 25 | 12500 | 8700 | 7200 | 5100 | 2400 | 1500 |
| | 40 | | 10500 | 9200 | 7100 | 3200 | 2100 |
| | 60 | | | 11000 | 9300 | 4400 | 2900 |
| | 80 | | | 11500 | 10500 | 5600 | 3700 |
| | 100 | | | | 11000 | 7000 | 4500 |
| | 125 | | | | | 8000 | 5600 |
| Setpoint 7" w.c. 1" w.c. Droop Blue-Black Spring 5" to 8½" w.c. 143-82-021-01 | ½ | 1000 | 750 | 650 | 400 | | |
| | 1 | 1600 | 1150 | 900 | 650 | 300 | |
| | 2 | 2700 | 1800 | 1350 | 950 | 450 | 350 |
| | 5 | 4800 | 3500 | 2350 | 1600 | 770 | 500 |
| | 10 | 7000 | 5400 | 3900 | 2500 | 1250 | 900 |
| | 15 | 9100 | 7000 | 5000 | 3500 | 1700 | 1150 |
| | 25 | 12500 | 8700 | 6600 | 5100 | 2400 | 1500 |
| | 40 | | 10500 | 9000 | 7100 | 3200 | 2100 |
| | 60 | | | 11000 | 9300 | 4400 | 2900 |
| | 80 | | | 11500 | 10500 | 5600 | 3700 |
| | 100 | | | | 11000 | 7000 | 4500 |
| | 125 | | | | | 8000 | 5600 |
| Setpoint 11" w.c. 2" w.c. Droop Green-Black Spring 6" to 14" w.c. 143-82-021-02 | 1 | 1650 | 1150 | 1000 | 650 | 300 | |
| | 2 | 2700 | 2000 | 1400 | 1000 | 450 | 350 |
| | 5 | 4800 | 3800 | 2600 | 1750 | 900 | 600 |
| | 10 | 7000 | 5400 | 4200 | 2800 | 1300 | 900 |
| | 15 | 9000 | 7400 | 5500 | 3600 | 1700 | 1100 |
| | 25 | 11000 | 8800 | 7500 | 5100 | 2400 | 1500 |
| | 40 | | 11000 | 9600 | 7100 | 3200 | 2100 |
| | 60 | | | 11000 | 9300 | 4400 | 2900 |
| | 80 | | | 11500 | 10500 | 5600 | 3700 |
| | 100 | | | | 11000 | 7000 | 4500 |
| | 125 | | | | | 8000 | 5600 |

The last capacity figure in each group indicates the maximum allowable inlet pressure (except for emergency conditions). The stepped line indicates the recommended maximum capacity and inlet pressure for each orifice for operation within the *optimum performance* range.

**NOTE:** The performance data is based on normal testing at 70ºF flowing temperature. Changes in performance can occur at extreme low flowing temperatures.

## Model 243 Capacity Tables

### 1½" Models 243-8-1 and 243-8-2 in SCFH of Natural Gas (0.6 Specific Gravity – 14.65 psia – 60°F)

| Outlet Pressure and Spring | Inlet Pressure psi | Orifice Size and Valve Angle | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1" | ¾" | ½" | ⅜" | ¼" | 0.207" |
| | | 30° | 10° | 10° | 10° | 10° | 10° |
| Setpoint 18" w.c. 3" w.c. Droop Green Spring 12" to 28" w.c. 143-16-021-05 | 1 | 1500 | 1100 | 800 | 550 | | |
| | 2 | 2100 | 1700 | 1300 | 900 | 450 | 350 |
| | 5 | 4500 | 3400 | 2000 | 1350 | 850 | 600 |
| | 10 | 6600 | 5700 | 3500 | 2400 | 1300 | 850 |
| | 15 | 8800 | 7100 | 5000 | 3400 | 1700 | 1050 |
| | 25 | 11500 | 9100 | 7100 | 5100 | 2400 | 1500 |
| | 40 | | 11000 | 9300 | 7100 | 3200 | 2100 |
| | 60 | | | 11000 | 9400 | 4400 | 2900 |
| | 80 | | | 12000 | 10500 | 5600 | 3700 |
| | 100 | | | | 11000 | 7000 | 4500 |
| | 125 | | | | | 8000 | 5600 |
| Setpoint 1 psi 0.31 psi Droop Green Spring 12" to 28" w.c. 143-16-021-05 | 2 | 4000 | 3500 | 1800 | 1200 | 500 | |
| | 5 | 6000 | 5000 | 3500 | 2200 | 1000 | |
| | 10 | 7500 | 7000 | 5000 | 3000 | 1500 | |
| | 15 | 9000 | 8000 | 6500 | 4000 | 1850 | |
| | 25 | 12000 | 10000 | 8000 | 5000 | 2000 | |
| | 40 | | 12500 | 9500 | 7000 | 3000 | |
| | 60 | | | 11500 | 9500 | 4500 | |
| | 80 | | | 12500 | 11500 | 6000 | |
| | 100 | | | | 12500 | 7000 | |
| | 125 | | | | | 8000 | |
| Setpoint 1 psi 0.2 psi Droop Orange Spring 1 to 2 psi 143-16-021-06 | 2 | 2100 | 1650 | 1200 | 850 | 450 | |
| | 5 | 4000 | 3200 | 2100 | 1300 | 850 | 550 |
| | 10 | 6500 | 5200 | 3100 | 2200 | 1300 | 800 |
| | 15 | 8400 | 6500 | 4400 | 3000 | 1700 | 1000 |
| | 25 | 11000 | 8600 | 6500 | 4400 | 2400 | 1500 |
| | 40 | | 11000 | 8600 | 6700 | 3200 | 2100 |
| | 60 | | | 10500 | 9000 | 4400 | 2900 |
| | 80 | | | 11500 | 10500 | 5600 | 3700 |
| | 100 | | | | 11000 | 7000 | 4500 |
| | 125 | | | | | 8000 | 5600 |

The last capacity figure in each group indicates the maximum allowable inlet pressure (except for emergency conditions). The stepped line indicates the recommended maximum capacity and inlet pressure for each orifice for operation within the *optimum performance* range.

**NOTE:** The performance data is based on normal testing at 70ºF flowing temperature. Changes in performance can occur at extreme low flowing temperatures.

## Model 243 Capacity Tables

### 1½" Models 243-8-1 and 243-8-2 in SCFH of Natural Gas (0.6 Specific Gravity – 14.65 psia – 60°F) (Continued)

| Outlet Pressure and Spring | Inlet Pressure psi | Orifice Size and Valve Angle | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1" | ¾" | ½" | ⅜" | ¼" | 0.207" |
| | | 30° | 10° | 10° | 10° | 10° | 10° |
| Setpoint 3 psi 0.35 psi Droop Black Spring 2 to 4¼ psi 143-16-021-07 | 5 | 3000 | 1800 | 1200 | 1100 | 900 | |
| | 10 | 4000 | 2500 | 1800 | 1500 | 1000 | |
| | 15 | 5200 | 4000 | 2850 | 2000 | 1400 | |
| | 25 | 7000 | 5200 | 3600 | 3100 | 1800 | |
| | 40 | | 9000 | 5000 | 4200 | 2200 | |
| | 60 | | | 8300 | 6500 | 3000 | |
| | 80 | | | 10000 | 8500 | 5000 | |
| | 100 | | | | 9000 | 6000 | |
| | 125 | | | | | 8000 | |
| Setpoint 3 psi 0.6 psi Droop Black Spring 2 to 4¼ psi 143-16-021-07 | 5 | 4400 | 3400 | 2400 | 1600 | 800 | |
| | 10 | 7100 | 5900 | 3600 | 2400 | 1300 | 750 |
| | 15 | 9600 | 7500 | 4800 | 3400 | 1700 | 1000 |
| | 25 | 12500 | 10500 | 6500 | 5000 | 2400 | 1500 |
| | 40 | | 13000 | 9600 | 7000 | 3200 | 2100 |
| | 60 | | | 12500 | 9300 | 4400 | 2900 |
| | 80 | | | 13500 | 11000 | 5600 | 3700 |
| | 100 | | | | 12000 | 7000 | 4500 |
| | 125 | | | | | 8000 | 5600 |

The last capacity figure in each group indicates the maximum allowable inlet pressure (except for emergency conditions). The stepped line indicates the recommended maximum capacity and inlet pressure for each orifice for operation within the *optimum performance* range.

**NOTE:** The performance data is based on normal testing at 70ºF flowing temperature. Changes in performance can occur at extreme low flowing temperatures.

## Model 243 Capacity Tables

## 1¼" Models 243-8-1, 243-8-2, 243-12-1 and 243-12-2 in SCFH of Natural Gas

(0.6 Specific Gravity – 14.65 psia – 60°F)

| Outlet Pressure and Spring 243-12 | Outlet Pressure and Spring 243-8 | Inlet Pressure psi | Orifice Size and Valve Angle | | | | |
|---|---|---|---|---|---|---|---|
| | | | ¾" | ½" | ⅜" | ¼" | 0.207" |
| | | | 10° | 10° | 10° | 10° | 10° |
| Setpoint 6" w.c. 1" w.c. Droop Red Spring 3½" to 6" w.c. 143-16-021-03 | Setpoint 6" w.c. 1" w.c. Droop Red-Black Spring 3½" to 6½" w.c. 143-82-021-00 | ½ | 900 | 700 | 500 | | |
| | | 1 | 1600 | 1050 | 750 | 350 | |
| | | 2 | 2250 | 1500 | 1000 | 550 | 350 |
| | | 5 | 2500 | 2200 | 1900 | 950 | 550 |
| | | 10 | 3100 | 2900 | 2650 | 1350 | 900 |
| | | 15 | 3550 | 3600 | 2700 | 1700 | 1050 |
| | | 25 | 4200 | 3800 | 3300 | 2400 | 1500 |
| | | 40 | 4200 | 4100 | 3800 | 3200 | 2100 |
| | | 60 | | 4800 | 4400 | 4400 | 2900 |
| | | 80 | | 5600 | 5600 | 5600 | 3700 |
| | | 100 | | | 6000 | 6000 | 4500 |
| | | 125 | | | | 6000 | 5600 |
| Setpoint 7" w.c. 1" w.c. Droop Blue Spring 5" to 8½" w.c. 143-16-021-04 | Setpoint 7" w.c. 1" w.c. Droop Blue-Black Spring 5" to 8½" w.c. 143-82-021-01 | ½ | 750 | 650 | 400 | | |
| | | 1 | 1150 | 900 | 650 | 300 | |
| | | 2 | 1700 | 1300 | 950 | 450 | 350 |
| | | 5 | 2300 | 1900 | 1600 | 770 | 500 |
| | | 10 | 2900 | 2600 | 2200 | 1250 | 900 |
| | | 15 | 3500 | 3100 | 2500 | 1700 | 1050 |
| | | 25 | 4200 | 3600 | 3300 | 2400 | 1500 |
| | | 40 | 4800 | 4000 | 3800 | 3200 | 2100 |
| | | 60 | | 4600 | 4400 | 4400 | 2900 |
| | | 80 | | 5600 | 5600 | 5600 | 3700 |
| | | 100 | | | 6000 | 6000 | 4500 |
| | | 125 | | | | 6000 | 5600 |
| Setpoint 11" w.c. 2" w.c. Droop Green Spring 6" to 14" w.c. 143-16-021-05 | Setpoint 11" w.c. 2" w.c. Droop Green-Black Spring 6" to 14" w.c. 143-82-021-02 | 1 | 1150 | 1000 | 650 | 300 | |
| | | 2 | 1850 | 1350 | 1000 | 450 | 350 |
| | | 5 | 2500 | 2200 | 1750 | 800 | 550 |
| | | 10 | 2900 | 2700 | 2450 | 1300 | 900 |
| | | 15 | 3700 | 3950 | 2600 | 1700 | 1100 |
| | | 25 | 4250 | 4000 | 3300 | 2400 | 1500 |
| | | 40 | 5300 | 4200 | 3800 | 3200 | 2100 |
| | | 60 | | 4850 | 4400 | 4400 | 2900 |
| | | 80 | | 5850 | 5600 | 5600 | 3700 |
| | | 100 | | | 6000 | 7000 | 4500 |
| | | 125 | | | | 8000 | 5600 |

The last capacity figure in each group indicates the maximum allowable inlet pressure (except for emergency conditions). The stepped line indicates the recommended maximum capacity and inlet pressure for each orifice for operation within the *optimum performance* range.

**NOTE:** 1" x 30° and 1¼" x 30° orifice and valve angle are available on the 1¼" 243-12-1 and 243-12-2 models.

**NOTE:** The performance data is based on normal testing at 70°F flowing temperature.
Changes in performance can occur at extreme low flowing temperatures.

## Model 243 Capacity Tables

## 1¼" Models 243-8-1, 243-8-2, 243-12-1 and 243-12-2 in SCFH of Natural Gas

(0.6 Specific Gravity – 14.65 psia – 60°F) (Continued)

| Outlet Pressure and Spring 243-12 | Outlet Pressure and Spring 243-8 | Inlet Pressure psi | Orifice Size and Valve Angle | | | | |
|---|---|---|---|---|---|---|---|
| | | | ¾" | ½" | ⅜" | ¼" | 0.207" |
| | | | 10° | 10° | 10° | 10° | 10° |
| Setpoint 18" w.c. 3" w.c. Droop Orange Spring 12" to 28" w.c. 143-16-021-06 | Setpoint 18" w.c. 3" w.c. Droop Green Spring 12" to 28" w.c. 143-16-021-05 | 1 | 1100 | 800 | 500 | | |
| | | 2 | 1900 | 1250 | 900 | 450 | 350 |
| | | 5 | 2250 | 1700 | 1350 | 750 | 550 |
| | | 10 | 2950 | 2250 | 2100 | 1300 | 850 |
| | | 15 | 3450 | 3600 | 2450 | 1700 | 1050 |
| | | 25 | 4400 | 3750 | 3300 | 2400 | 1500 |
| | | 40 | 5300 | 4100 | 3800 | 3200 | 2100 |
| | | 60 | | 4800 | 4400 | 4400 | 2900 |
| | | 80 | | 4850 | 5600 | 5600 | 3700 |
| | | 100 | | | 6000 | 7000 | 4500 |
| | | 125 | | | | 8000 | 5600 |
| Setpoint 1 psi 0.31 psi Droop Orange Spring 12" to 28" w.c. 143-16-021-06 | Setpoint 1 psi 0.31 psi Droop Green Spring 12" to 28" w.c. 143-16-021-05 | 2 | 3000 | 1800 | 1200 | 500 | |
| | | 5 | 4000 | 3000 | 2000 | 1000 | |
| | | 10 | 5000 | 4000 | 3000 | 1500 | |
| | | 15 | 6000 | 5100 | 3900 | 1900 | |
| | | 25 | 7500 | 6400 | 4500 | 2200 | |
| | | 40 | 8000 | 7400 | 6100 | 2600 | |
| | | 60 | | 8000 | 7350 | 4000 | |
| | | 80 | | 8500 | 8000 | 5100 | |
| | | 100 | | | 8500 | 6500 | |
| | | 125 | | | | 7000 | |
| Setpoint 1 psi 0.2 psi Droop Black Spring 1 to 2 psi 143-16-021-07 | Setpoint 1 psi 0.2 psi Droop Orange Spring 1 to 2 psi 143-16-021-06 | 2 | 1850 | 1150 | 850 | 450 | |
| | | 5 | 2100 | 1700 | 1350 | 750 | 500 |
| | | 10 | 2700 | 2000 | 1950 | 1300 | 800 |
| | | 15 | 3150 | 3100 | 2050 | 1700 | 1000 |
| | | 25 | 4150 | 3250 | 2850 | 2400 | 1500 |
| | | 40 | 5300 | 3800 | 3600 | 3200 | 2100 |
| | | 60 | | 4600 | 4250 | 4400 | 2900 |
| | | 80 | | 4650 | 5600 | 5600 | 3700 |
| | | 100 | | | 6000 | 7000 | 4500 |
| | | 125 | | | | 8000 | 5600 |

The last capacity figure in each group indicates the maximum allowable inlet pressure (except for emergency conditions). The stepped line indicates the recommended maximum capacity and inlet pressure for each orifice for operation within the *optimum performance* range.

**NOTE:** 1" x 30º and 1¼" x 30º orifice and valve angle are available on the 1¼" 243-12-1 and 243-12-2 models.

**NOTE:** The performance data is based on normal testing at 70ºF flowing temperature.
Changes in performance can occur at extreme low flowing temperatures.

## Model 243 Capacity Tables

## 1¼" Models 243-8-1, 243-8-2, 243-12-1 and 243-12-2 in SCFH of Natural Gas

(0.6 Specific Gravity – 14.65 psia – 60°F) (Continued)

| Outlet Pressure and Spring 243-12 | Outlet Pressure and Spring 243-8 | Inlet Pressure psi | Orifice Size and Valve Angle | | | | |
|---|---|---|---|---|---|---|---|
| | | | ¾" | ½" | ⅜" | ¼" | 0.207" |
| | | | 10° | 10° | 10° | 10° | 10° |
| Setpoint 3 psi 0.35 psi Droop Cadmium Spring 1½ to 3 psi 143-16-021-08 | Setpoint 3 psi 0.35 psi Droop Black Spring 2 to 4¼ psi 143-16-021-07 | 5 | 1200 | 1000 | 800 | 500 | |
| | | 10 | 2000 | 1800 | 1400 | 1000 | |
| | | 15 | 3300 | 2800 | 1800 | 1400 | |
| | | 25 | 4700 | 3300 | 2300 | 1650 | |
| | | 40 | 6300 | 4900 | 2800 | 2000 | |
| | | 60 | | 5800 | 5000 | 2800 | |
| | | 80 | | 6500 | 6400 | 4600 | |
| | | 100 | | | 6500 | 4750 | |
| | | 125 | | | | 5000 | |
| Setpoint 3 psi 0.6 psi Droop Cadmium Spring 1½ to 3 psi 143-16-021-08 | Setpoint 3 psi 0.6 psi Droop Black Spring 2 to 4¼ psi 143-16-021-07 | 5 | 2200 | 1950 | 1650 | 700 | |
| | | 10 | 3600 | 2300 | 2150 | 1300 | 750 |
| | | 15 | 3800 | 3400 | 2350 | 1700 | 1000 |
| | | 25 | 5000 | 3900 | 3250 | 2400 | 1500 |
| | | 40 | 6300 | 4300 | 3700 | 3200 | 2100 |
| | | 60 | | 5500 | 4400 | 4400 | 2900 |
| | | 80 | | 5500 | 5850 | 5600 | 3700 |
| | | 100 | | | 6550 | 7000 | 4500 |
| | | 125 | | | | 8000 | 5600 |

The last capacity figure in each group indicates the maximum allowable inlet pressure (except for emergency conditions). The stepped line indicates the recommended maximum capacity and inlet pressure for each orifice for operation within the *optimum performance* range.

**NOTE:** 1" x 30º and 1¼" x 30º orifice and valve angle are available on the 1¼" 243-12-1 and 243-12-2 models.

**NOTE:** The performance data is based on normal testing at 70ºF flowing temperature.
Changes in performance can occur at extreme low flowing temperatures.

## Model 243 Capacity Tables

### 2" Models 243-8-1 and 243-8-2 in SCFH of Natural Gas (0.6 Specific Gravity – 14.65 psia – 60°F)

| Outlet Pressure and Spring | Inlet Pressure psi | Orifice Size and Valve Angle | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1" | ¾" | ¾" | ½" | ⅜" | ¼" |
| | | 30° | 30° | 10° | 10° | 10° | 10° |
| Setpoint 18" w.c. 3" w.c. Droop Green Spring 12" to 28" w.c. 143-16-021-05 | 1 | 1500 | 1200 | 1100 | 800 | 600 | |
| | 2 | 2400 | 1800 | 1700 | 1250 | 950 | 500 |
| | 5 | 5500 | 3700 | 3500 | 2300 | 1400 | 900 |
| | 10 | 9400 | 8400 | 6000 | 3700 | 2400 | 1400 |
| | 15 | 12000 | 12000 | 8100 | 5600 | 3800 | 1700 |
| | 25 | 14500 | 17500 | 10000 | 8200 | 5600 | 2400 |
| | 40 | | 20000 | 12000 | 11500 | 7400 | 3400 |
| | 60 | | | | 13500 | 10000 | 4600 |
| | 80 | | | | 14000 | 11000 | 5600 |
| | 100 | | | | | 12000 | 7000 |
| | 125 | | | | | | 8000 |
| Setpoint 1 psi 0.31 psi Droop Green Spring 12" to 28" w.c. 143-16-021-05 | 2 | 5000 | 4000 | 4000 | 3000 | 1000 | 500 |
| | 5 | 8000 | 7000 | 7000 | 4000 | 1900 | 1000 |
| | 10 | 14000 | 12800 | 10000 | 5500 | 3000 | 1500 |
| | 15 | 16500 | 14000 | 13900 | 7750 | 4500 | 1800 |
| | 25 | 17700 | 16900 | 15000 | 9000 | 5500 | 2500 |
| | 40 | | 18000 | 16500 | 11500 | 7400 | 3200 |
| | 60 | | | | 15000 | 10000 | 4600 |
| | 80 | | | | 17000 | 13800 | 6100 |
| | 100 | | | | | 14000 | 7000 |
| | 125 | | | | | | 9000 |
| Setpoint 1 psi 0.2 psi Droop Orange Spring 1 to 2 psi 143-16-021-06 | 2 | 2400 | 1800 | 1700 | 1200 | 850 | 450 |
| | 5 | 4000 | 3400 | 3300 | 2200 | 1300 | 900 |
| | 10 | 7000 | 6000 | 5400 | 3500 | 2200 | 1400 |
| | 15 | 11000 | 9000 | 7000 | 4600 | 3100 | 1700 |
| | 25 | 14500 | 15000 | 10000 | 7400 | 4800 | 2400 |
| | 40 | | 17500 | 12000 | 10500 | 7000 | 3400 |
| | 60 | | | | 12500 | 9500 | 4600 |
| | 80 | | | | 13500 | 10500 | 5600 |
| | 100 | | | | | 11000 | 7000 |
| | 125 | | | | | | 8000 |

The last capacity figure in each group indicates the maximum allowable inlet pressure (except for emergency conditions). The stepped line indicates the recommended maximum capacity and inlet pressure for each orifice for operation within the *optimum performance* range.

**NOTE:** The performance data is based on normal testing at 70°F flowing temperature. Changes in performance can occur at extreme low flowing temperatures.

## Model 243 Capacity Tables

### 2" Models 243-8-1 and 243-8-2 in SCFH of Natural Gas (0.6 Specific Gravity – 14.65 psia – 60°F) (Continued)

| Outlet Pressure and Spring | Inlet Pressure psi | Orifice Size and Valve Angle | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1" | ¾" | ¾" | ½" | ⅜" | ¼" |
| | | 30° | 30° | 10° | 10° | 10° | 10° |
| Setpoint 3 psi 0.35 psi Droop Black Spring 2 to 4¼ psi 143-16-021-07 | 5 | 2000 | 1600 | 1600 | 1400 | 1000 | 500 |
| | 10 | 4000 | 3000 | 3000 | 2000 | 1400 | 1000 |
| | 15 | 5800 | 4200 | 4000 | 2600 | 1800 | 1500 |
| | 25 | 7500 | 5200 | 5000 | 3900 | 2750 | 2300 |
| | 40 | | 9100 | 9000 | 6500 | 5800 | 3100 |
| | 60 | | | | 10000 | 7500 | 4600 |
| | 80 | | | | 14000 | 10000 | 6000 |
| | 100 | | | | | 12000 | 7000 |
| | 125 | | | | | | 9000 |
| Setpoint 3 psi 0.6 psi Droop Black Spring 2 to 4¼ psi 143-16-021-07 | 5 | 4400 | 3400 | 3300 | 2400 | 1600 | 800 |
| | 10 | 7600 | 6000 | 5800 | 3600 | 2400 | 1300 |
| | 15 | 11000 | 9000 | 7500 | 4800 | 3500 | 1700 |
| | 25 | 15000 | 15000 | 10500 | 8000 | 5100 | 2400 |
| | 40 | | 17500 | 13000 | 11000 | 7000 | 3400 |
| | 60 | | | | 14000 | 9600 | 4600 |
| | 80 | | | | 15000 | 11000 | 5600 |
| | 100 | | | | | 12000 | 7000 |
| | 125 | | | | | | 8000 |

The last capacity figure in each group indicates the maximum allowable inlet pressure (except for emergency conditions). The stepped line indicates the recommended maximum capacity and inlet pressure for each orifice for operation within the *optimum performance* range.

**NOTE:** The performance data is based on normal testing at 70ºF flowing temperature. Changes in performance can occur at extreme low flowing temperatures.