



Beverage Run Rise Charts

FOR T5000 AND G55 PUMPS

FLOJET

a xylem brand

G55 Series Pumps - Run/Rise Charts

CO₂ Regulator Settings for B-I-B Pump Installation

Medium Syrups

1. Select vertical syrup tubing rise (ft) from left hand side of chart.
2. Select total tubing syrup run (ft) across top of chart.
3. Read regulator setting (psi) from chart.

To produce 40 PSI to dispenser.

| | |
|---|---------------------------|
| A | < Reading for 3/8" tubing |
| B | < Reading for 1/2" tubing |

One Fast Flow Valve - 4.5 oz/sec (.75 oz/sec of syrup)

Total Run (ft) - Vertical & Horizontal

| | 25 | 50 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 0 | 51 | 53 | 57 | 61 | 65 | 70 | 74 | 82 | 90 | | | | | |
| | 50 | 51 | 52 | 54 | 55 | 57 | 58 | 61 | 64 | 67 | 70 | 73 | 76 | 80 |
| 10 | 56 | 58 | 62 | 66 | 70 | 75 | 79 | 87 | | | | | | |
| | 55 | 56 | 57 | 59 | 60 | 62 | 63 | 66 | 69 | 72 | 75 | 78 | 81 | 85 |
| 20 | 61 | 63 | 67 | 71 | 75 | 80 | 84 | | | | | | | |
| | 60 | 61 | 62 | 64 | 65 | 67 | 68 | 71 | 74 | 77 | 80 | 83 | 86 | 90 |
| 30 | | 68 | 72 | 76 | 80 | 85 | 89 | | | | | | | |
| | | 66 | 67 | 69 | 70 | 72 | 73 | 76 | 79 | 82 | 85 | 88 | | |
| 40 | | 73 | 77 | 81 | 85 | 90 | | | | | | | | |
| | | 71 | 72 | 74 | 75 | 77 | 78 | 81 | 84 | 87 | 90 | | | |
| 50 | | 78 | 82 | 86 | 90 | | | | | | | | | |
| | | 76 | 77 | 79 | 80 | 82 | 83 | 86 | 89 | | | | | |
| 60 | | | 87 | | | | | | | | | | | |
| | | | 82 | 84 | 85 | 87 | 88 | | | | | | | |

Conversions:

Feet to Meters:

Multiply by .3048

PSI to BAR:

Multiply by .06895

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One Standard Flow Valve - 3.0 oz/sec (.5 oz/sec of syrup)

Total Run (ft) - Vertical & Horizontal

| | 25 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 0 | 49 | 51 | 53 | 56 | 58 | 61 | 64 | 66 | 69 | 74 | 79 | 84 | 90 | | |
| 10 | 48 | 49 | 49 | 50 | 50 | 51 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 60 |
| 20 | 53 | 54 | 54 | 55 | 55 | 56 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 65 |
| 30 | 59 | 61 | 63 | 66 | 68 | 71 | 74 | 76 | 79 | 84 | 89 | | | | |
| 40 | 58 | 59 | 59 | 60 | 60 | 61 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 70 |
| 50 | | 66 | 68 | 71 | 73 | 76 | 79 | 81 | 84 | 89 | | | | | |
| 60 | | 64 | 64 | 65 | 65 | 66 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 75 |
| | | 71 | 73 | 76 | 78 | 81 | 84 | 86 | 89 | | | | | | |
| | | 69 | 69 | 70 | 70 | 71 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 80 |
| | | 76 | 78 | 81 | 83 | 86 | 89 | | | | | | | | |
| | | 74 | 74 | 75 | 75 | 76 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 85 |
| | | | 83 | 86 | 88 | | | | | | | | | | |
| | | | 79 | 80 | 80 | 81 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 90 |

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Total Run (ft) - Vertical & Horizontal

| | 25 | 50 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 0 | 52 | 54 | 60 | 65 | 70 | 76 | 81 | | | | | | | |
| 10 | 50 | 57 | 59 | 55 | 56 | 58 | 60 | 64 | 68 | 71 | 75 | 79 | 82 | 86 |
| 20 | 57 | 59 | 65 | 70 | 75 | 81 | 86 | | | | | | | |
| 30 | 55 | 56 | 58 | 60 | 61 | 63 | 65 | 69 | 73 | 76 | 80 | 84 | 87 | |
| 40 | 62 | 64 | 70 | 75 | 80 | 86 | | | | | | | | |
| 50 | 60 | 61 | 63 | 65 | 66 | 63 | 70 | 74 | 78 | 81 | 85 | 89 | | |
| 60 | | 69 | 75 | 80 | 85 | | | | | | | | | |
| | | 66 | 68 | 70 | 71 | 73 | 75 | 79 | 83 | 86 | 90 | | | |
| | | 74 | 80 | 85 | 90 | | | | | | | | | |
| | | 71 | 73 | 75 | 76 | 78 | 80 | 84 | 88 | | | | | |
| | | 79 | 85 | 90 | | | | | | | | | | |
| | | 76 | 78 | 80 | 81 | 83 | 85 | 89 | | | | | | |
| | | | 90 | | | | | | | | | | | |
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| | 25 | 50 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 0 | 50 | 52 | 55 | 59 | 63 | 67 | 70 | 78 | 85 | | | | | |
| 10 | 49 | 49 | 50 | 52 | 53 | 54 | 55 | 58 | 60 | 62 | 65 | 67 | 70 | 72 |
| 20 | 55 | 57 | 60 | 64 | 68 | 72 | 75 | 83 | 90 | | | | | |
| 30 | 54 | 54 | 55 | 57 | 58 | 59 | 60 | 63 | 65 | 67 | 70 | 72 | 75 | 77 |
| 40 | 60 | 62 | 65 | 69 | 73 | 77 | 80 | 88 | | | | | | |
| 50 | 59 | 59 | 60 | 62 | 63 | 64 | 65 | 68 | 70 | 72 | 75 | 77 | 80 | 82 |
| 60 | | 67 | 70 | 74 | 78 | 82 | 85 | | | | | | | |
| 70 | | 64 | 65 | 67 | 68 | 69 | 70 | 73 | 75 | 77 | 80 | 82 | 85 | 87 |
| 80 | | 72 | 75 | 79 | 83 | 87 | 90 | | | | | | | |
| 90 | | 69 | 70 | 72 | 73 | 74 | 75 | 78 | 80 | 82 | 85 | 87 | 90 | |
| 100 | | 77 | 80 | 84 | 88 | | | | | | | | | |
| 110 | | 74 | 75 | 77 | 78 | 79 | 80 | 83 | 85 | 87 | 90 | | | |
| 120 | | | 85 | 89 | | | | | | | | | | |
| 130 | | | 80 | 82 | 83 | 84 | 85 | 88 | 90 | | | | | |

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| | 25 | 50 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | 600 | 700 | 800 | 900 |
|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | 54 | 56 | 60 | 64 | 68 | 73 | 77 | | | | | | |
| 10 | 53 | 54 | 55 | 57 | 58 | 60 | 61 | 64 | 67 | 70 | 73 | 76 | 79 |
| 20 | 59 | 61 | 65 | 69 | 73 | 78 | | | | | | | |
| 30 | 58 | 59 | 60 | 62 | 63 | 65 | 66 | 69 | 72 | 75 | 78 | | |
| 40 | 64 | 66 | 70 | 74 | 78 | | | | | | | | |
| 50 | 63 | 64 | 65 | 67 | 68 | 70 | 71 | 74 | 77 | 80 | | | |
| | | 71 | 75 | 79 | | | | | | | | | |
| | | 69 | 70 | 72 | 73 | 75 | 76 | 79 | | | | | |
| | | 76 | 80 | | | | | | | | | | |
| | | 74 | 75 | 77 | 78 | 80 | | | | | | | |
| | | | | | | | | | | | | | |
| | | 79 | 80 | | | | | | | | | | |

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|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 0 | 51 | 53 | 55 | 58 | 60 | 63 | 66 | 71 | 76 | | | | | |
| 10 | 50 | 51 | 51 | 52 | 52 | 53 | 53 | 55 | 56 | 57 | 58 | 59 | 60 | 62 |
| 20 | 56 | 58 | 60 | 63 | 65 | 68 | 71 | 76 | | | | | | |
| 30 | 61 | 63 | 65 | 68 | 70 | 73 | 76 | | | | | | | |
| 40 | 60 | 61 | 61 | 62 | 62 | 63 | 63 | 65 | 66 | 67 | 68 | 69 | 70 | 72 |
| 50 | | 68 | 70 | 73 | 75 | 78 | | | | | | | | |
| | | 66 | 66 | 67 | 67 | 68 | 68 | 70 | 71 | 72 | 73 | 74 | 75 | |
| | | 73 | 75 | 78 | 80 | | | | | | | | | |
| | | 71 | 71 | 72 | 72 | 73 | 73 | 75 | 76 | 77 | 78 | 79 | | |
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| | | 76 | 76 | 77 | 77 | 78 | 78 | 80 | | | | | | |

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| | 53 | 54 | 56 | 58 | 59 | 61 | 63 | 67 | 71 | 74 | 78 |
| 10 | 60 | 62 | 68 | 73 | 78 | | | | | | |
| | 58 | 59 | 61 | 63 | 64 | 66 | 68 | 72 | 76 | 79 | |
| 20 | 65 | 67 | 73 | 78 | | | | | | | |
| | 63 | 64 | 66 | 68 | 69 | 71 | 76 | 77 | | | |
| 30 | | 72 | 78 | | | | | | | | |
| | | 69 | 71 | 76 | 74 | 76 | 78 | | | | |
| 40 | | 77 | | | | | | | | | |
| | | 74 | 76 | 78 | 79 | | | | | | |
| 50 | | | | | | | | | | | |
| | | | | | | | | | | | 79 |

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| 10 | 51 | 51 | 52 | 54 | 55 | 56 | 57 | 60 | 62 | 64 | 67 | 69 | 72 | 74 |
| 20 | 56 | 56 | 57 | 59 | 60 | 61 | 62 | 65 | 67 | 69 | 72 | 74 | 77 | 79 |
| 30 | 62 | 64 | 67 | 71 | 75 | 79 | | | | | | | | |
| 40 | 61 | 61 | 62 | 64 | 65 | 66 | 67 | 70 | 72 | 74 | 77 | 79 | | |
| 50 | | 69 | 72 | 76 | 80 | | | | | | | | | |
| | | 66 | 67 | 69 | 70 | 71 | 72 | 75 | 77 | 79 | | | | |
| | | 74 | 77 | | | | | | | | | | | |
| | | 71 | 72 | 74 | 75 | 76 | 77 | 80 | | | | | | |
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