



# Beverage Run Rise Charts

FOR T5000 AND G55 PUMPS

**FLOJET**

a xylem brand

# G55 Series Pumps - Run/Rise Charts

CO<sub>2</sub> 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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To produce 40 PSI to dispenser.

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

## 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	54	56	58	61	69	66	69	71	74	79	84	89			
30	53	54	54	55	55	56	56	57	58	59	60	61	62	63	65
40	59	61	63	66	68	71	74	76	79	84	89				
50	58	59	59	60	60	61	61	62	63	64	65	66	67	68	70
60		66	68	71	73	76	79	81	84	89					
		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

### Conversions:

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Multiply by .06895

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## Heavy Syrups

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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	52	54	60	65	70	76	81							
	50	57	59	55	56	58	60	64	68	71	75	79	82	86
10	57	59	65	70	75	81	86							
	55	56	58	60	61	63	65	69	73	76	80	84	87	
20	62	64	70	75	80	86								
	60	61	63	65	66	63	70	74	78	81	85	89		
30		69	75	80	85									
		66	68	70	71	73	75	79	83	86	90			
40		74	80	85	90									
		71	73	75	76	78	80	84	88					
50		79	85	90										
		76	78	80	81	83	85	89						
60			90											
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A	< Reading for 3/8" tubing
B	< Reading for 1/2" tubing

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Total Run (ft) - Vertical & Horizontal

	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					

### Conversions:

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# T5000 Series Pumps - Run/Rise Charts

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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
0	54	56	60	64	68	73	77						
	53	54	55	57	58	60	61	64	67	70	73	76	79
10	59	61	65	69	73	78							
	58	59	60	62	63	65	66	69	72	75	78		
20	64	66	70	74	78								
	63	64	65	67	68	70	71	74	77	80			
30		71	75	79									
		69	70	72	73	75	76	79					
40		76	80										
		74	75	77	78	80							
50													
		79	80										

### Conversions:

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Multiply by .3048

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Multiply by .06895

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A	< Reading for 3/8" tubing
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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	400	500	600	700	800	900	1000
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	61	63	65	68	70	73	76							
30	60	61	61	62	62	63	63	65	66	67	68	69	70	72
40		68	70	73	75	78								
50		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		
		78	80											
		76	76	77	77	78	78	80						

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To produce 40 PSI to dispenser.

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Total Run (ft) - Vertical & Horizontal

	25	50	100	150	200	250	300	400	500	600	700
0	55	57	63	68	73	79					
	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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	25	50	100	150	200	250	300	400	500	600	700	800	900	1000
0	52	54	57	61	65	69	72	80						
10	51	51	52	54	55	56	57	60	62	64	67	69	72	74
20	57	59	62	66	70	74	77							
30	56	56	57	59	60	61	62	65	67	69	72	74	77	79
40	62	64	67	71	75	79								
50	61	61	62	64	65	66	67	70	72	74	77	79		
		69	72	76	80									
		66	67	69	70	71	72	75	77	79				
		74	77											
		71	72	74	75	76	77	80						
		79												
		76	77	79	80									

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