



# 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

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CO<sub>2</sub> Regulator Settings for B-I-B Pump Installation

## Heavy Syrups

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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	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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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							
		64	65	67	68	69	70	73	75	77	80	82	85	87
		72	75	79	83	87	90							
		69	70	72	73	74	75	78	80	82	85	87	90	
		77	80	84	88									
		74	75	77	78	79	80	83	85	87	90			
			85	89										
			80	82	83	84	85	88	90					

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A	< Reading for 3/8" tubing
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## 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						
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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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	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		
		78	80											
		76	76	77	77	78	78	80						

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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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