



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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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
	54	56	58	61	69	66	69	71	74	79	84	89			
	53	54	54	55	55	56	56	57	58	59	60	61	62	63	65
	59	61	63	66	68	71	74	76	79	84	89				
	58	59	59	60	60	61	61	62	63	64	65	66	67	68	70
30		66	68	71	73	76	79	81	84	89					
	64	64	65	65	66	66	67	68	69	70	71	72	73	75	
40		71	73	76	78	81	84	86	89						
	69	69	70	70	71	71	72	73	74	75	76	77	78	80	
50		76	78	81	83	86	89								
	74	74	75	75	76	76	77	78	79	80	81	82	83	85	
60			83	86	88										
		79	80	80	81	81	82	83	84	85	86	87	88	90	

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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							
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											
			83	85	86	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	50	52	55	59	63	67	70	78	85					
	49	49	50	52	53	54	55	58	60	62	65	67	70	72
10	55	57	60	64	68	72	75	83	90					
	54	54	55	57	58	59	60	63	65	67	70	72	75	77
20	60	62	65	69	73	77	80	88						
	59	59	60	62	63	64	65	68	70	72	75	77	80	82
30		67	70	74	78	82	85							
		64	65	67	68	69	70	73	75	77	80	82	85	87
40		72	75	79	83	87	90							
		69	70	72	73	74	75	78	80	82	85	87	90	
50		77	80	84	88									
		74	75	77	78	79	80	83	85	87	90			
60			85	89										
			80	82	83	84	85	88	90					

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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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	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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	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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