

Maximum Power for a Given Column Diameter

1.00" = 800 W

1.25" = 1250 W

1.50" = 1800 W

1.75" = 2450 W

2.00" = 3200 W

2.25" = 4050 W

2.50" = 5000 W

1000 W = 52 mL/min (max, no reflux) or 10 mL/min (if RR=4)

1500 W = 78 mL/min (max, no reflux) or 16 mL/min (if RR=4)

2000 W = 105 mL/min (max, no reflux) or 21 mL/min (if RR=4)

2500 W = 131 mL/min (max, no reflux) or 26 mL/min (if RR=4)

3000 W = 157 mL/min (max, no reflux) or 32 mL/min (if RR=4)

3500 W = 183 mL/min (max, no reflux) or 36 mL/min (if RR=4)

4000 W = 209 mL/min (max, no reflux) or 42 mL/min (if RR=4)

Basically, off a 10% wash

1 = 53%

2 = 80%

3 = 87%

4 = 90%

5 = 92%

6 = 92.6%

7 = 93.3%

8 = 93.8%

9 = 94.2%

10 = 94.4%

11 = 94.7%

12 = 94.8%

13 = 95%

14 = 95.1%

15 = 95.2%

16 = 95.3%

17 = 95.3%

18 = 95.4%

19 = 95.4%

20 = 95.5%

23 = 95.6%