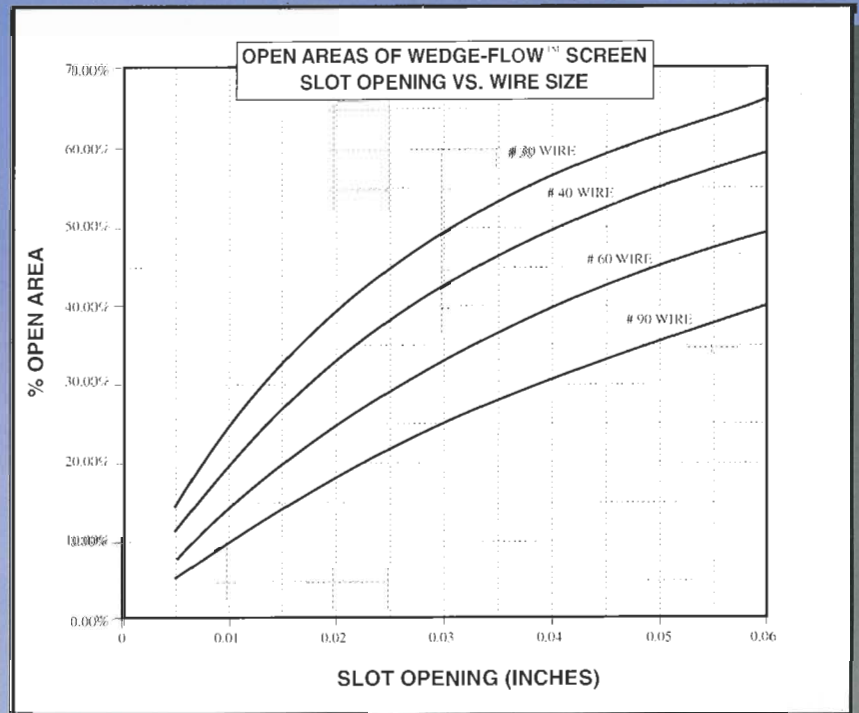


### STANDARD SIZE INTAKE SCREENS

Screen Area-inches sq.	Model #	Screen Diameter-inches	Overall Length-inches	Outlet Size-inches
1,000	WI-13	13	41	10
1,600	WI-17	17	50	12
2,000	WI-19	19	55	14
2,800	WI-21	21	65	16
3,700	WI-24	24	74	18
4,700	WI-26	26	85	20
5,500	WI-28	28	95	24
6,800	WI-32	32	101	24
8,000	WI-36	36	110	30
13,000	WI-42	42	140	30
17,000	WI-48	48	160	36
22,000	WI-54	54	180	36
27,000	WI-60	60	200	42
33,000	WI-66	66	220	48
40,500	WI-72	72	240	48
45,000	WI-78	78	250	54
53,000	WI-84	84	275	60

Over 53,000 Please call for calculation



### SIZING AN INTAKE SCREEN

**1. Calculate the required open screen area:**

$$\text{open screen area} = \frac{\text{GPM}}{1.558} \quad \text{Based on a slot velocity of .5 FPS}$$

**2. Calculate the percent of open area:**

$$\% \text{ of open area} = \frac{\text{slot size}}{\text{slot size} + .09} \times 100$$

**3. Calculate the total screen area required:**

$$\text{total screen area} = \frac{\text{open screen area}}{\% \text{ of open area}}$$

**4. Look at the standard size screen chart and find the smallest screen which has a total screen area larger than the one calculated. This is the screen that matches your specs.**

### LEEM/LSS FILTRATION

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