

A meter for any application should be chosen so that it will operate between 10% and 100% of its rated capacity for the greater part of its time. However, rates up to 150% capacity are permissible. Rates below 10% will lower the proof noticeably but this will not appreciably affect the overall measurement provided the normal operation of the meter is at a sufficiently high rate.

NOTE: Photograph #2 is the modern version of these meters.

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Ref: A-247

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TABLE OF STANDARD SIZES APPROVED

For Maximum Working Pressure of	Size in Inches		Rated Capacity C.F.H.
	Gear Diameter	Impeller Length	
25 lbs.	3 1/2	x 10	9,000
	4	x 12	12,500
	5	x 15	23,000
	6	x 18	33,000
	8	x 24	60,000
	10	x 30	110,000
	12	x 36	160,000
	14	x 42	224,000
	16	x 48	275,000
	18	x 54	340,000
	20	x 60	415,000
	22	x 66	500,000
	24	x 72	580,000
60 lbs.	26	x 78	665,000
	28	x 84	775,000
	32	x 96	1,000,000
	3 1/2	x 10	9,000
	4	x 12	12,500
	5	x 15	23,000
	6	x 18	33,000
125 lbs.	8	x 24	60,000
	10	x 30	110,000
	12	x 36	160,000
	14	x 42	224,000
	4	x 8	8,500
	5	x 10	15,500
	6	x 10	18,500
	8	x 12	30,000
	10	x 15	55,000
	12	x 18	81,000
	14	x 21	110,000
16	x 24	151,000	
18	x 27	198,000	
20	x 30	247,000	
22	x 33	303,000	
24	x 36	340,000	
26	x 39	372,000	
28	x 42	467,000	