

MODEL-K

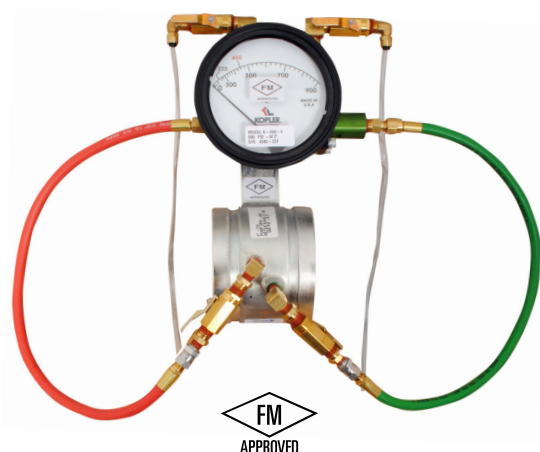
FIRE PUMP TEST METER

Venturi Type



PRODUCT DESCRIPTION

General	Designed to be installed on the discharge of a fire pump to determine its performance
Size	2" to 12" [DN50 to DN300]
Pressure Rating	500 psi [34.5 Bar]
End Connection	Grooved Ends
Features	Standard 4½" Dial Meter & USGPM Scale
Approvals	FM Approved



SIZES AND RANGES

Model No.	Line Size	Pump Rating	Meter Range Min. - Max.
	In.	GPM	GPM
K-50-2	2	50	25-100
K-100-2½	2½	100	50-200
K-150-3	3	150	75-300
K-200-3	3	200	100-400
K-200-4	4	200	100-400
K-250-4	4	250	125-500
K-300-4	4	300	150-600
K-450-4	4	450	225-900
K-250-5	5	250	125-500
K-450-5	5	450	225-900
K-500-5	5	500	250-1000
K-750-5	5	750	375-1500
K-500-6	6	500	250-1000
K-750-6	6	750	375-1500
K-1000-6	6	1000	500-2000
K-1250-6	6	1250	625-2500
K-1000-8	8	1000	500-2000

Model No.	Line Size	Pump Rating	Meter Range Min. - Max.
	In.	GPM	GPM
K-1250-8	8	1250	625-2500
K-1500-8	8	1500	750-3000
K-2000-8	8	2000	1000-4000
K-2500-8	8	2500	1250-5000
K-3000-8	8	3000	1500-6000
K-1500-10	10	1500	750-3000
K-2000-10	10	2000	1000-4000
K-2500-10	10	2500	1250-5000
K-3000-10	10	3000	1500-6000
K-3500-10	10	3500	1750-7000
K-4000-10	10	4000	2000-8000
K-4500-10	10	4500	2250-9000
K-5000-10	10	5000	2500-10000
K-3500-12	12	3500	1750-7000
K-4000-12	12	4000	2000-8000
K-4500-12	12	4500	2250-9000
K-5000-12	12	5000	2500-10000



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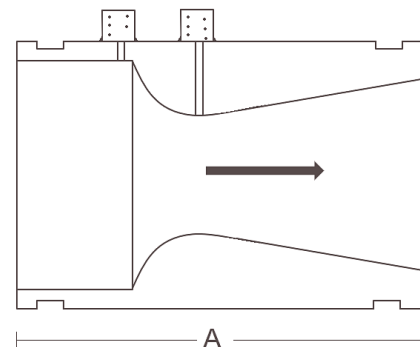
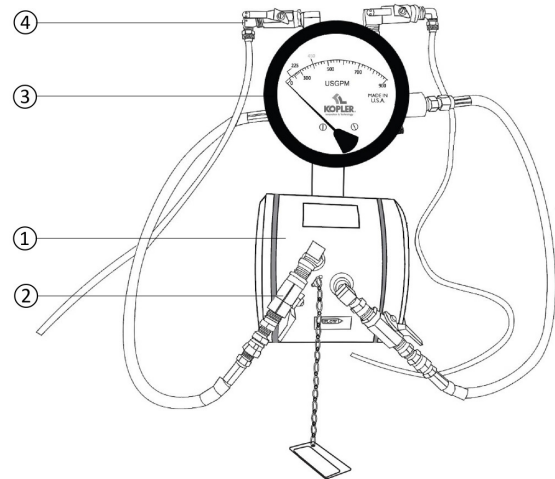


MATERIAL SPECIFICATIONS

No.	Part Name	Material
1	Venturi	Steel Zinc Plated
2	Ball Valves	Cast Bronze Body
3	Fittings & Disconnects	Brass
4	Meter	Aluminum Body

DIMENSIONS & WEIGHTS

Size	A		Weight	
	In.	mm	lb.	kg
2½"	4	101.6	10	4.5
3"	4¾	111.1	13	5.9
4"	3¾	95.25	14	6.4
5"	5	127	15	6.8
6"	6	152.4	17	7.7
8"	7	177.8	20	9.1
10"	8	203.2	23	10.4
12"	12	279.4	62	28.1



OPERATING INSTRUCTIONS

1. Close system OSY valve "A"
2. Open by-pass valve and "B" butterfly throttle valve
3. Purge meter, located on venturi, as follows :
 - a) Open station shut-off valves on venturi, and vent valves attached to meter. When a steady stream of water without air bubbles passes through the clear plastic hoses, the meter is purged of air.
 - b) Close the vent valves after purging.
4. Start the fire pump, and read meter in GPM.
5. Refer to pump GPM requirement and adjust throttle valve to meet the requirement.
6. After the test, open valve "A" and close the by-pass and "B" valves.

