

Circuit Sensor® Flow Meter

**Unrestricted lengths of straight piping
Required to maintain calibrated accuracy®**

MODEL NO.	FEET OF PIPE ② ③											
	UPSTREAM						DOWNSTREAM					
	A	B	C	D	E	F	A	B	C	D	E	F
OP-2½A	1¾	2¼	4	8	2¼	2¾	½	½	½	1	½	½
OP-3A	3	3½	5	10	2¾	3½	1	1	1	2	1	1
OP-4A	3¼	5	7	14	4	4¾	1¼	1¼	1¼	2½	1¼	1¼
OP-5A	5½	7½	10	20	5	6¾	1¾	1¾	1¾	3½	1¾	1¾
OP-6A	8	10½	14	28	7	9	2	2	2	4	2	2
OP-8A	10¾	14	18½	37	9¼	12	2¾	2¾	2¾	5½	2¾	2¾
OP-10A	13¼	17½	23½	47	11¾	15	3¼	3¼	3¼	6½	3¼	3¼
OP-12A	16	21	28	56	14	24	4	4	4	8	4	4

① Based on schedule 40 welded and seamless steel pipe.

② Circuit Sensor preceded by:

- A. One elbow
- B. Two elbows in one plane.
- C. Two elbows in different planes and pump discharge applications.
- D. Two elbows in different planes preceded by a third elbow which is not in the same plane as the one immediately following.
- E. A change in pipe size.
- F. A throttled valve.

③ Per the 1959 ASME Power Test Code for Flow Measurement.

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