

Sage Metering, Inc.

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Sage Prime HVAC Series of Thermal Mass Flow Meters for Natural Gas

			INTEGRAL STYLE INSERTION AND IN-LINES			REMOTE STYLE INSERTION AND IN-LINES	
Nominal Pipe Size	Full Scale	Equiv. Full Scale	SIP Insertion Style	SIP In-Line Style	In-Line Dimensions	SRP Insertion Style	SRP In-Line Style
(assumes Sch 40)	SCFH*	SCFM**	24VDC Part Numbers shown (substitute AC115 for 115 VAC power) (probe length assumes SVA05LP)*** (add 3" to probe length for SVA05)****	24VDC Part #s shown (AC115 optional)	(for both SIP & SRP)	24 VDC Part #s shown (AC115 optional) (probe length for SVA05LP) (add 3" to length for SVA05)	24 VDC Part #s shown (AC115 optional)
1	2700	45	N/A	SIP-100-DC24-NG-7K	1" x 8" L	N/A	SRP-100-DC24-NG-7K
1 1/4	4500	75	N/A	SIP-125-DC24-NG-7K	1-1/4" x 10" L	N/A	SRP-125-DC24-NG-7K
1 1/2	6000	100	SIP-05-12-DC24-NG-7K	SIP-150-DC24-NG-7K	1-1/2" x 12" L	SRP-05-12-DC24-NG-7K	SRP-150-DC24-NG-7K
2	10500	175	SIP-05-12-DC24-NG-7K	SIP-200-DC24-NG-7K	2" x 12" L	SRP-05-12-DC24-NG-7K	SRP-200-DC24-NG-7K
2 1/2	15000	250	SIP-05-12-DC24-NG-7K	SIP-250-DC24-NG-7K	2-1/2" x 12" L	SRP-05-12-DC24-NG-7K	SRP-250-DC24-NG-7K
3	21000	350	SIP-05-12-DC24-NG-7K	SIP-300-DC24-NG-7K	3" x 12" L	SRP-05-12-DC24-NG-7K	SRP-300-DC24-NG-7K
3 1/2	30000	500	SIP-05-12-DC24-NG-7K	SIP-350-DC24-NG-7K	3-1/2" x 12" L	SRP-05-12-DC24-NG-7K	SRP-350-DC24-NG-7K
4	39000	650	SIP-05-15-DC24-NG-7K	SIP-400-DC24-NG-7K	4" x 12" L	SRP-05-15-DC24-NG-7K	SRP-400-DC24-NG-7K
4 1/2	48000	800	SIP-05-15-DC24-NG-7K	N/A	N/A	SRP-05-15-DC24-NG-7K	N/A
5	60000	1000	SIP-05-15-DC24-NG-7K	N/A	N/A	SRP-05-15-DC24-NG-7K	N/A
6	90000	1500	SIP-05-15-DC24-NG-7K	N/A	N/A	SRP-05-15-DC24-NG-7K	N/A
7	120000	2000	SIP-05-15-DC24-NG-7K	N/A	N/A	SRP-05-15-DC24-NG-7K	N/A
8	150000	2500	SIP-05-15-DC24-NG-7K	N/A	N/A	SRP-05-15-DC24-NG-7K	N/A

Note, if you require the Pulsed Output of totalized flow to drive an isolated dry contact relay module, then specify the DCR-DC accessory

- *Assumes Full Scale in SCFH (FS) to be set up for Natural Gas at 2 psig at 70°F,
and STP of 60°F and 29.92" Hg (e.g. for 2-1/2" pipe: FS = 0-15,000 SCFH = 4 - 20 mA)
- **Full Scale in SCFM is optionally available, as well as specifications for lower Full Scale
(e.g. same calibration, but FS & 4-20 mA set to lower value)
- ***SVA05LP is the part number for the Sage low pressure isolation valve assembly (max 50 psig)
- ****SVA05 is the part number for the higher pressure isolation valve assembly (250 psig)
(SVA05 features safety chain – which when taut, verifies sensor clearance for In-Situ Calibration Check)