

FLOW SENSORS



BRASS FLOW SENSOR



PLASTIC FLOW SENSOR



IMPELLER FLOW SENSOR ADAPTER

Flow sensors can be used in conjunction with any Sentar II™, Rain Master™ DX2 Evolution, or Rain Master Eagle™ controllers (including Eagle Plus™) to automatically detect line breaks and flow limits at point of connection (POC) and for individual stations. Should a break or leak occur, the flow sensor will alert the controller to shut down the master valve to prevent significant landscape damage. The controller then notifies the operator of a problem with an audible alert and text message in the display.

KEY FEATURES & BENEFITS

BRASS FLOW SENSOR ADAPTER

Sizes 1" thru 2.5". Flow ranges from 2 GPM to 160 GPM, NFPT connections, rated up to 400 psi

PLASTIC FLOW SENSOR ADAPTER

Sizes 1.5" thru 4". Flow ranges from 5 GPM to 500 GPM, Schedule 80 PVC "slip" glue connections, rated up to 100 psi

IMPELLER FLOW SENSOR ADAPTER

For all pipe materials and sizes up to 40" in diameter. Mounts in a 2" NPT threaded outlet (NFPT) or pipe saddle (not included). Must be field-calibrated onsite. Flow may be set from 2 GPM to 500 GPM – call factory for specific settings. 400psi maximum operating pressure

FLOW SENSORS SELECTION CHART

FLOW SENSOR MODEL	PIPE CONNECTION SIZE	SUGGESTED OPERATING RANGE	MAXIMUM WATER PRESSURE	K VALUE	OFFSET VALUE	BODY MATERIAL	CONNECTION TYPE
FS-B100	1"	2-40 GPM	400 psi	109	27	Bronze	NPT female
FS-B125	1 ¼"	3-60 GPM	400 psi	209	32	Bronze	NPT female
FS-B150	1 ½"	4-80 GPM	400 psi	291	24	Bronze	NPT female
FS-B200	2"	10-100 GPM	200 psi	750	0	Bronze	NTP female with copper male adapter
FS-B250	2 ½"	16-160 GPM	200 psi	1021	370	Bronze	NTP female
FS-150	1 ½"	5-100 GPM	100 psi @ 68F	457	0	PVC	Slip
FS-200	2"	10-200 GPM	100 psi @ 68F	776	104	PVC	Slip
FS-300	3"	20-300 GPM	100 psi @ 68F	2268	483	PVC	Slip
FS-400	4"	40-500 GPM	100 psi @ 68F	3752	834	PVC	Slip
FS-INSERT-B	3 to 40 inches	Varies, call factory	400 psi	Varies, call factory		Requires pipe saddle with 2" female NPT	

WHY USE A FLOW SENSOR?



A \$500 flow sensor could have prevented \$250,000 damage

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