

STRAINERS

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CASE STUDIES

STRAINERS

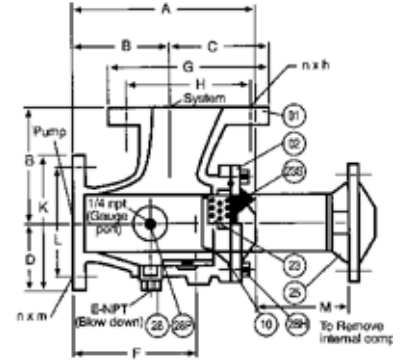
Model SA Suction Diffuser

Save time. Save money. Save space. Provide smoother flow conditions for the pump. Our suction diffuser eliminates the need for a long pipe entrance, pipe saddle and floor flange, so it is faster to install.

It also features a throwaway start-up diffuser screen, a necessity for hydronic systems and closed or domestic water systems. Remove it after start-up without losing the protection of the larger perforation in the orifice cylinder. Its angle body provides an elbow which facilitates a close transition between system return piping and the system pump suction. Some models even perform as reducing elbows.

Other features:

- Full-length straightening vanes assure uniform flow pattern
- Easily removable end cap
- Pressure gauge tapings permit checking of system conditions
- Plug/blow down connection permits routine maintenance



[Click on image for larger view.](#)

Model SA Suction Diffuser

NOMINAL SIZE	DIMENSIONS													NET WT. LBS.
	A	B	C	D	E NPT	F	G	H	n x h	K	L	n x m	M	
2-1/2 x 2-1/2	9	4-3/4	3-1/2	3-1/2	1	5-5/8	7	5-1/2	4 x 3/4	7	5-1/2	4 x 3/4	7-3/8	36.0
3x 2-1/2	10	5-1/2	3-3/4	3-1/2	1	6-7/8	7-1/2	5-1/2	4x 3/4	7	5-1/2	4x 3/4	7-3/8	40.9
3x 3	10	5-1/2	3-3/4	3-3/4	1	6-7/8	7-1/2	6	4x 3/4	7-1/2	6	4x 3/4	7-3/8	41.8
4x 3	10	6-1/2	4-1/2	3-3/4	1	6-7/8	9	6	4x 3/4	7-1/2	6	4x 3/4	7-3/8	47.5
4x 4	12-5/8	6-1/2	4-1/2	4-1/2	1	7-5/8	9	7-1/2	8x 3/4	9	7-1/2	8x 3/4	9-1/4	68.6
5x 4	12-5/8	7-1/2	5	4-1/2	1	7-5/8	10	7-1/2	8x 3/4	9	7-1/2	8x 3/4	9-1/4	70.0
5x 5	14-1/4	7-1/2	5	5	1	9	10	8-1/2	8x 7/8	10	8-1/2	8x 7/8	9-1/4	73.0
6x 4	12-5/8	8	5-1/2	4-1/2	1	7-5/8	11	7-1/2	8x 3/4	9	7-1/2	8x 3/4	9-1/4	86.2
6x 5	14-1/4	8	5-1/2	5	1-1/4	9	11	8-1/2	8x 7/8	10	8-1/2	8x 7/8	10-5/8	92.4
6x 6	16-3/8	8	5-1/2	5-1/2	1-1/4	10-1/8	11	9-1/2	8x 7/8	11	9-1/2	8x 7/8	11-3/4	120.0
8x 6	16-3/8	9	6-3/4	5-1/2	1-1/4	10-1/8	13-1/2	9-1/2	8x 7/8	11	9-1/2	8x 7/8	12-3/4	141.2
8x 8	20-1/2	9	6-3/4	6-3/4	1-1/4	11	13-1/2	11-3/4	8x 7/8	13-1/2	11-3/4	8x 7/8	15-3/8	228.8

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