



Submittal Data Information

Suction Diffuser

301-028

SUPERSEDES: 301-028 February 15, 1993

EFFECTIVE: July 15, 2003

JOB _____ ENGINEER _____ CONTRACTOR _____ REP. _____

ITEM	QUANTITY	MODEL NO.	SIZE
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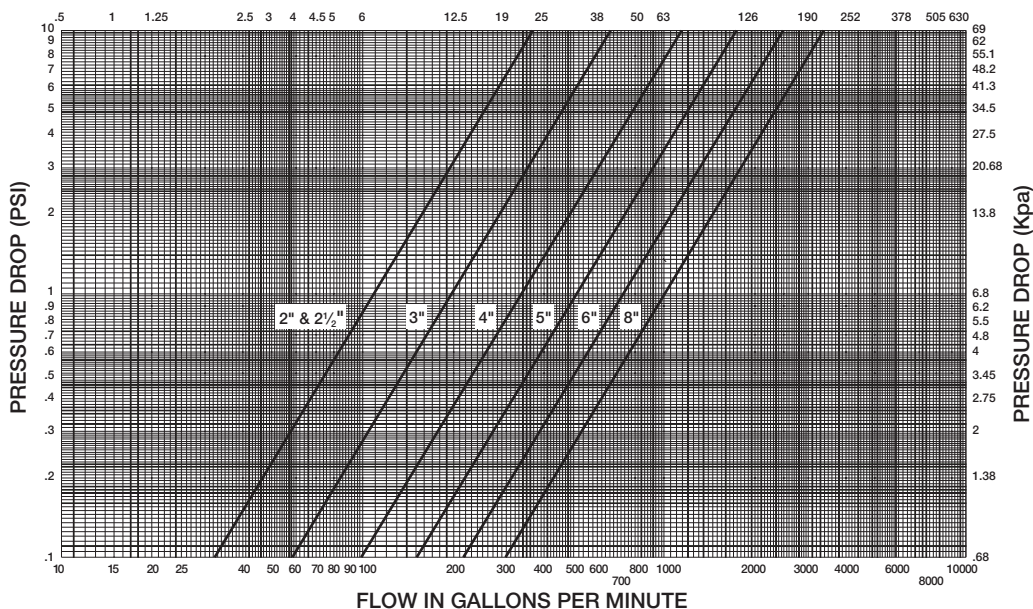
DIMENSIONS

Model Number	System	Pump	C _v	Free Area (Sq. In.)	A	B	C	C*	D	H	J	Weight
SD020015	2 FLGD (50.8)	1½ FLGD (38.1)	55	40 (25806)	7¼ (179.4)	7⅞ (187.3)	8½ (215.9)	5 ¾ (146)	¾ (19.1)	2⅝ (60.3)	4⅝ (117.5)	33 (15.00)
SD020020	2 FLGD (50.8)	2 FLGD (50.8)	90	40 (25806)	7¼ (179.4)	7⅞ (187.3)	8½ (215.9)	5 ¾ (146)	¾ (19.1)	2⅝ (60.3)	4⅝ (117.5)	35 (16.00)
SD025020	2½ FLGD (60.3)	2 FLGD (50.8)	90	40 (25806)	7¼ (179.4)	7¼ (179.4)	8½ (215.9)	5 ¾ (146)	¾ (19.1)	2½ (63.5)	4⅝ (117.5)	34 (15.4)
SD025025	2½ FLGD (60.3)	2½ FLGD (63.5)	110	40 (25806)	7¼ (179.4)	7¼ (179.4)	8½ (215.9)	5 ¾ (146)	¾ (19.1)	2½ (63.5)	4⅝ (117.5)	34 (15.4)
SD030020	3 FLGD (76.2)	2 FLGD (50.8)	90	40 (25806)	7¼ (179.4)	7⅞ (187.3)	8½ (215.9)	5 ¾ (146)	¾ (19.1)	2⅝ (60.3)	4⅝ (117.5)	45 (20.4)
SD030025	3 FLGD (76.2)	2½ FLGD (63.5)	110	40 (25806)	7¼ (179.4)	7⅞ (187.3)	8½ (215.9)	5 ¾ (146)	¾ (19.1)	2⅝ (60.3)	4⅝ (117.5)	45 (20.4)
SD030030	3 FLGD (76.2)	3 FLGD (76.2)	200	50 (32258)	7⅞ (180.9)	7⅞ (187.3)	8¼ (209.6)	5½ (139.7)	1 (25.4)	2⅝ (63.5)	4⅞ (124.8)	57 (25.9)
SD040030	4 FLGD (101.6)	3 FLGD (76.2)	200	50 (32258)	7⅞ (180.9)	7⅞ (187.3)	8¼ (209.6)	5½ (139.7)	1 (25.4)	2⅝ (63.5)	4⅞ (124.8)	62 (28.1)
SD040040	4 FLGD (101.6)	4 FLGD (101.6)	350	80 (51613)	9⅞ (242.9)	7¼ (184.2)	8¼ (209.6)	6 (152.4)	1 (25.4)	3½ (88.9)	5⅝ (136.5)	95 (43.1)
SD050040	5 FLGD (127)	4 FLGD (101.6)	350	80 (51613)	9⅞ (242.9)	7¼ (184.2)	9¼ (234.9)	6 (152.4)	1 (25.4)	3½ (88.9)	5⅝ (136.5)	112 (50.8)
SD050050	5 FLGD (127)	5 FLGD (127)	520	125 (80645)	10 (254)	9¼ (234.9)	12 (304.8)	8 (203.2)	1 (25.4)	3 (76.2)	5⅝ (136.5)	150 (68.1)
SD060040	6 FLGD (152.4)	4 FLGD (101.6)	350	80 (51613)	9⅞ (242.9)	7¼ (184.2)	9¼ (234.9)	6 (152.4)	1 (25.4)	3½ (88.9)	5⅝ (136.5)	125 (56.7)
SD060050	6 FLGD (152.4)	5 FLGD (127)	520	125 (80645)	10 (254)	9¼ (234.9)	12 (304.8)	8 (203.2)	1 (25.4)	3 (76.2)	5⅝ (136.5)	160 (72.6)
SD060060	6 FLGD (152.4)	6 FLGD (152.4)	760	150 (96774)	11 (279.4)	8¾ (222.3)	13 (330.2)	8¼ (209.6)	1 (25.4)	3 (76.2)	5⅞ (141.3)	180 (81.7)
SD080060	8 FLGD (203.2)	6 FLGD (152.4)	760	150 (96774)	11 (279.4)	8¾ (222.3)	13 (330.2)	8¼ (209.6)	1 (25.4)	3 (76.2)	5⅞ (141.3)	205 (93.1)
SD080080	8 FLGD (203.2)	8 FLGD (203.2)	1000	275 (177419)	11¾ (298.5)	13¼ (347.7)	17½ (444.5)	11½ (292.1)	1¼ (31.8)	2¾ (69.9)	5¼ (133.3)	280 (127.1)
SD100080	10 FLGD (254)	8 FLGD (203.2)	1000	275 (177419)	11¾ (298.5)	13¼ (347.7)	17½ (444.5)	11½ (292.1)	1¼ (31.8)	2¾ (69.9)	5¼ (133.3)	298 (135.3)

NOTE: Dimensions are in inches. Metric dimensions are in millimeters and are in parentheses ().

* C Dimension for Optional Split Strainer.

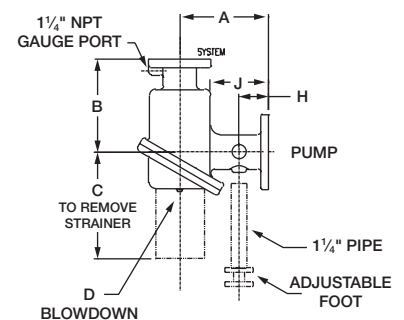
PRESSURE DROP CURVE FLOW IN LITERS PER SECOND



CONSTRUCTION

Cast Iron Body
Bronze Start-up Strainer
Permanent Stainless Steel Strainer
175 PSIG Working Pressure (Maximum)
250°F Maximum Temperature
Flow is Directed Through Strainer

DIMENSION DRAWING



PIPE USED WITH ADJUSTABLE FOOT SUPPORT SUPPLIED BY CONTRACTOR.

Do it Once. Do it Right.

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