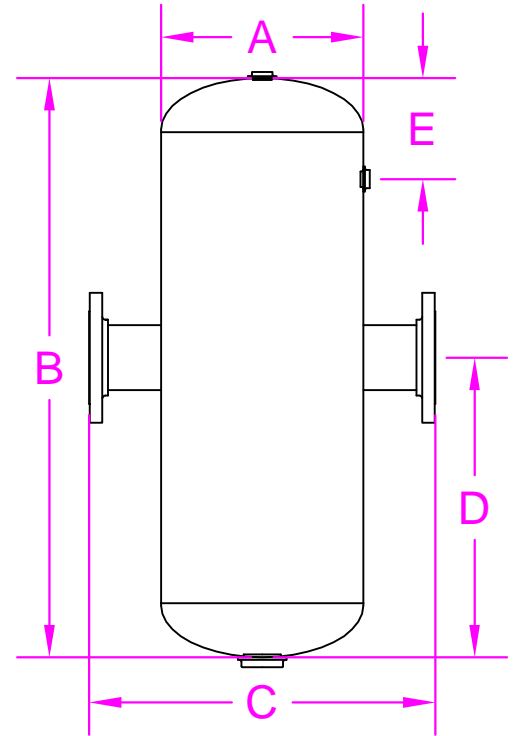




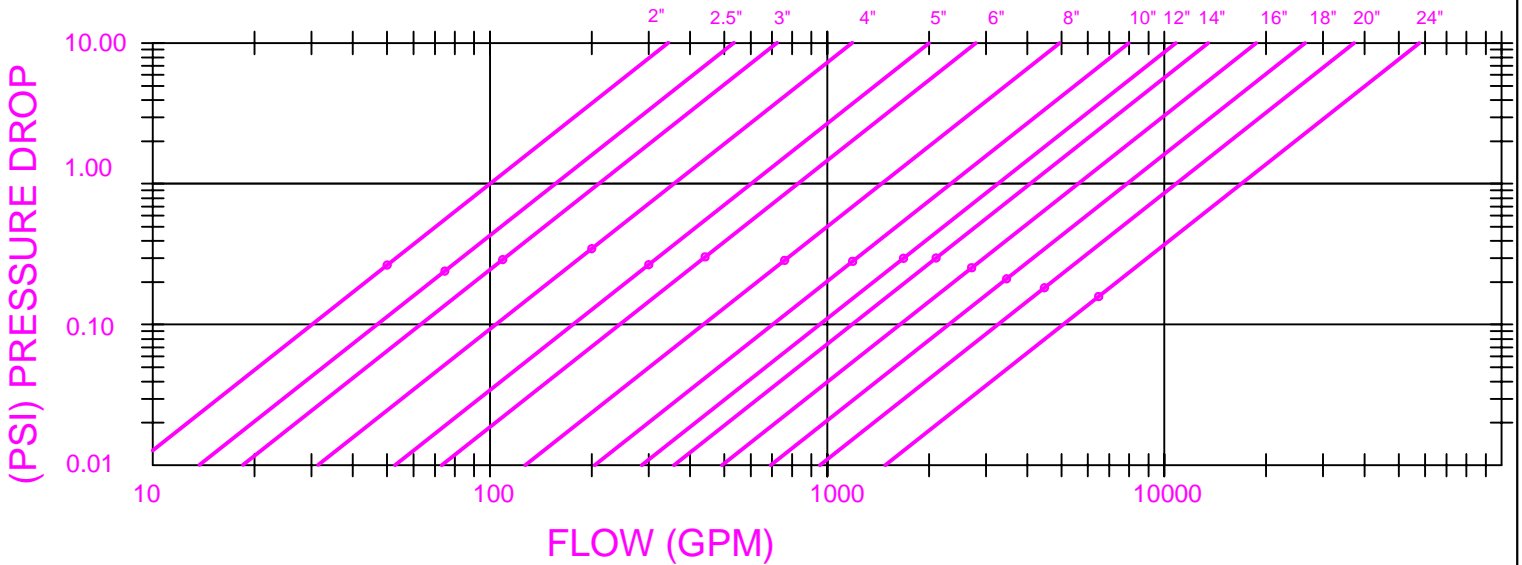
# STANDARD VELOCITY AIR / DIRT SEPARATOR

DELTA AIR & DIRT SEPARATORS ELIMINATE ENTRAINED AIR AND SEPARATE DEBRIS IN RELATION WITH THE START UP AND MAINTENANCE OF HYDRONIC SYSTEMS. AIR & DIRT SEPARATORS UTILIZE A SKIM VALVE USED TO ELIMINATE FLOATING DEBRIS, AVAILABLE REMOVABLE COVER FOR MAINTENANCE OF COALESCING MEDIA CARTRIDGE, AND AN AUTOMATIC AIR VENT TO DISPERSE AIR IN THE SEPARATOR. THE VESSELS DESIGN AND CONSTRUCTION CONFORMS TO ASME SECTION VIII, DIV.1. COALESCING MEDIA TECHNOLOGY SUPPORTED BY THIRD PARTY TESTING.

MODEL	PIPE SIZE	A	B	C	D	E	FLOW (GPM)
DPS020S	2	6 5/8	17 5/8	13 3/4	7	4 5/16	51
DPS025S	2.5	6 5/8	17 5/8	13 3/4	7	4 5/16	73
DPS030S	3	10 3/4	25 1/4	18	11 3/8	6	112
DPS040S	4	10 3/4	25 1/4	20 1/2	11 3/8	6	196
DPS050S	5	14	33 5/8	24 1/4	15 3/4	7	306
DPS060S	6	14	33 5/8	23 3/8	15 3/4	7	440
DPS080S	8	20	42 1/2	28 3/8	18 3/16	8 1/2	763
DPS100S	10	24	56 7/8	35 1/8	25 3/8	9 1/4	1205
DPS120S	12	24	63 3/8	36 3/8	26 3/8	9 1/4	1726
DPS140S	14	30	73	43 3/8	33	11 5/16	2107
DPS160S	16	30	79 13/16	44 1/2	34 1/8	11 5/16	2790
DPS180S	18	36	108	56	55	13	3569
DPS200S	20	42	120	61 3/8	61	14	4445
DPS240S	24	48	144	72	73	16	6843



WORKING PRESSURE:  
125 PSI @ 270°F  
(HIGHER PRESSURES AVAILABLE)



UNIT WILL BE CAPABLE OF REMOVING 100% OF THE FREE AIR, 100% OF THE ENTRAINED AIR AND UP TO 99.6% OF THE DISOLVED AIR IN THE SYSTEM FLUID DURING CONTINUOUS CIRCULATION.

UNIT WILL REMOVE AIR DOWN TO 18 MICRONS AND DEBRIS DOWN TO 35 MICRONS. UNIT WILL BE 100% EFFICIENT REMOVING DIRT TO 90 MICRONS IN 100 PASSES OR LESS.

UNIT FUNCTION SHALL BE CAPABLE OF REMOVING 80% OF PARTICLES 30 MICRONS AND LARGER WITHIN 100 PASSES