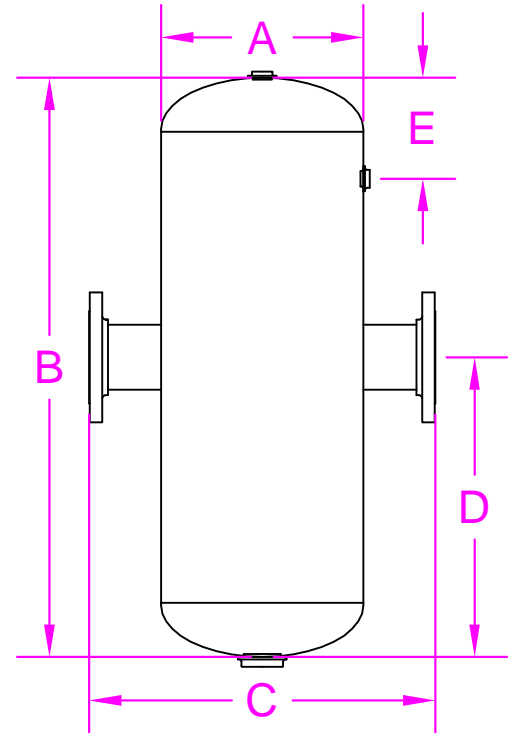


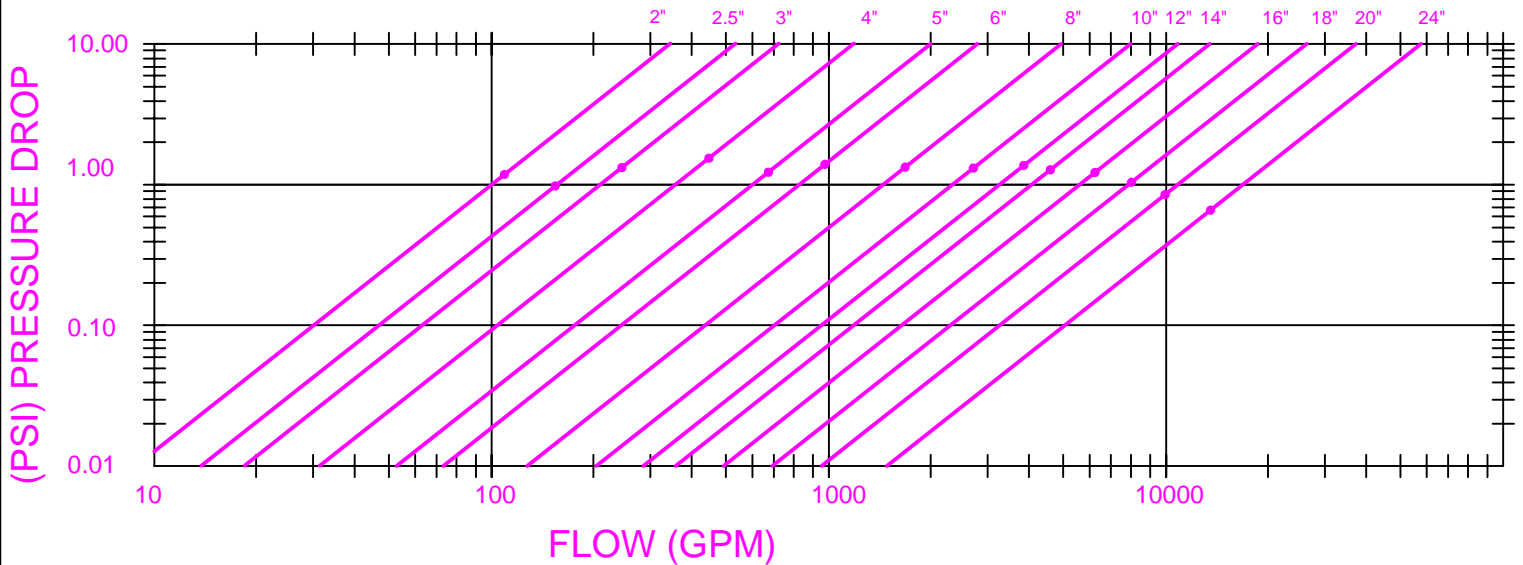
HIGH VELOCITY AIR / DIRT SEPARATOR

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)
DPS020H	2	14	32 11/16	21 3/4	17	7	114
DPS025H	2.5	14	32 11/16	21 3/8	17	7	163
DPS030H	3	14	40 1/8	21 1/4	20 13/16	7	252
DPS040H	4	14	40 1/8	24	20 13/16	7	439
DPS050H	5	20	57 1/2	30	29 3/4	8 1/2	686
DPS060H	6	20	57 1/2	29 5/8	29 3/4	9 1/4	987
DPS080H	8	24	68 15/16	34 5/8	35 3/4	9 1/4	1713
DPS100H	10	30	85 13/16	41 1/4	44 7/16	11 3/8	2706
DPS120H	12	30	85 13/16	42 3/4	44 7/16	11 3/8	3876
DPS140H	14	36	102 15/16	49 5/8	53 1/4	13	4703
DPS160H	16	36	102 15/16	51	53 1/4	13	6264
DPS180H	18	36	162	56	82	13	8013
DPS200H	20	42	180	61 3/8	91	14	9978
DPS240H	24	48	216	72	109	16	14555



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 DISSOLVED 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