

**NOTES:**

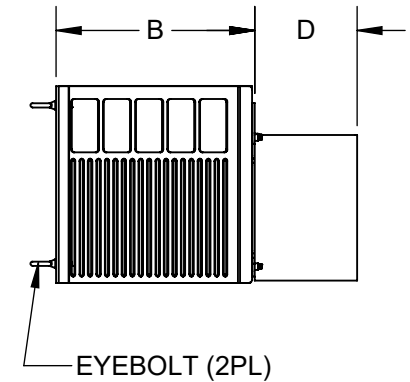
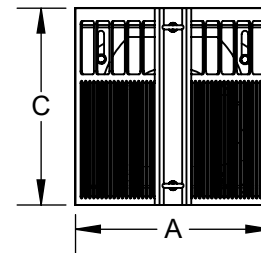
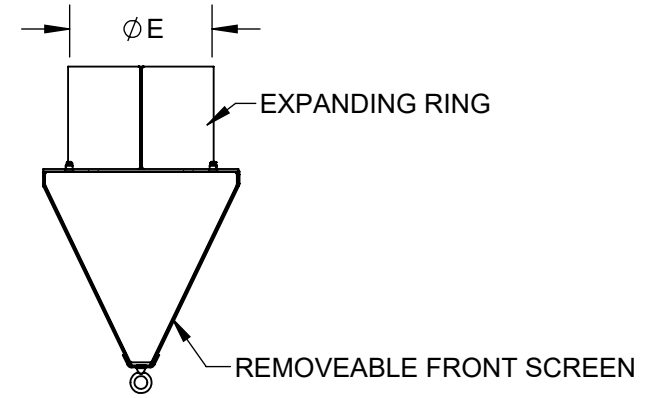
1. PERFORMANCE CHARACTERISTICS:

A. FLOW RATE: THE APPARENT OPEN AREA OF THE SLOTTED SCREEN IS LARGER THAN OR EQUAL TO THE CROSS-SECTIONAL AREA OF THE OUTLET PIPE.

B. BYPASS: THE OPEN AREA OF THE BYPASS IS EQUAL TO THE CROSS-SECTIONAL AREA OF THE OUTLET PIPE.

2. THE FRONT SCREEN ASSEMBLY CAN BE RAISED OR LOWERED 2" VERTICALLY TO MATCH THE OUTLET PIPE INVERT DURING INSTALLATION.

3. TYPICAL INSTALLATION: CAREFULLY INSERT THE EXPANDING RING INTO THE OUTLET PIPE OPENING AND FLUSH WITH THE EDGE OF THE PIPE MOUTH OPENING. VERIFY THAT THE GAP OF THE EXPANDING RING IS LOCATED AT THE 12-O' CLOCK POSITION. THEN, TORQUE THE LARGE HEX BOLT IN THE RING TO EXPAND THE RING AGAINST THE INSIDE DIAMETER OF THE PIPE. VERIFY THAT THE RING IS SECURED TO THE INNER WALLS OF THE PIPE OPENING. NEXT, ALIGN THE TRANSITION PLATE WITH THE (4) STANDOFFS ON THE EXPANDED RING, AND SECURE THE PLATE ONTO THE RING USING THE PROVIDED HEX HOLES WITH THE PREVIOUSLY SECURED TRANSITION PLATE. ADJUST THE VERTICAL HEIGHT OF THE PLATE AS REQUIRED AND SECURE THE PLATE IN PLACE USING THE PROVIDED HEX BOLTS, WASHERS AND SPACERS. FINALLY, ATTACH THE FRONT COVER USING THE 2-EYE NUTS.



PART NUMBER	Pipe Dia.	Width (A)	Depth (B)	Height (C)	Insert Length (D)	EXPANDING COLLAR DIA. (E)		FILTERE D FLOW RATE	BYPASS FLOW RATE
						MIN	MAX		
SCA6-1	6"	10.125"	10.00"	10.125"	6.00"	5.625"	6.50"	1.1 CFS	0.6 CFS
SCA8-1	8"	11.375"	13.00"	11.875"	6.00"	7.50"	8.50"	2.0 CFS	1.1 CFS
SCA10-1	10"	13.25"	13.50"	13.50"	8.00"	9.50"	10.50"	2.3 CFS	1.8 CFS
SCA12-1	12"	15.375"	15.50"	15.375"	8.00"	11.375"	12.625"	3.2 CFS	2.5 CFS
SCA15-1	15"	18.375"	15.50"	21.375"	8.00"	14.25"	15.50"	4.6 CFS	3.9 CFS
SCA18-1	18"	21.375"	15.75"	28.00"	8.00"	17.375"	18.625"	6.3 CFS	5.6 CFS
SCA24-1	24"	28.375"	17.00"	40.00"	9.00"	23.25"	24.50"	11.5 CFS	10 CFS

NOT TO SCALE

11/9/2023



STORMRING CPS, ALUMINUM