

**DESCRIPTION**

The **GEFCO Select #SE159-Series Arching Crown Sprayheads** are designed to create spray effects resembling that of an arching crown or reverse spray ring. The best performances are within the lower half of the shown spray heights when the streams are crystal clear and show little break up. The spray effects can be operated much higher and wider, but without the ornamental value.

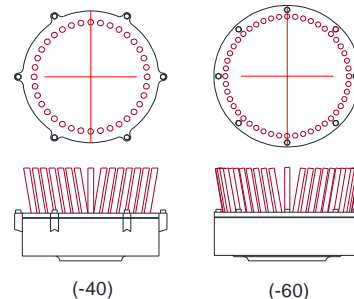
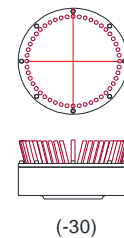
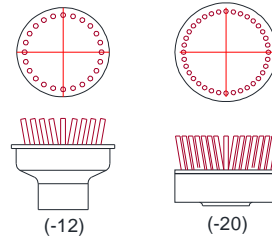
The GEFCO Select #SE159-Series sprayheads require an absolutely non turbulent inflow into the distribution chamber, flow straightening devices in the riser pipe to the spray head are a must. The control valve must be kept as far away as possible, if this is not possible, it should be a pipe size bypass valve to bleed pressure and turbulence off the supply pipe.

These sprayheads are available custom made with a different nozzle discharge angle (Maximum 78 degrees from horizontal) to create spray effects to suit, or lesser number of jets. Narrow angle arching crown spray effects (87 degrees from horizontal) are very effective and different.

For carousel type effects, the (GEFCO #SE159-30/-40) can be custom mounted on the same pipe size as (GEFCO #SE140) Rotators, please inquire. The construction of these sprayheads permits removal of the nozzle plate with nozzles for ease of cleaning. For new installation it is recommended, to remove the nozzle plates prior to testing.

A GEFCO Select #SE137-Series Adjustment Flange is designed to correct the vertical adjustment of sprays up to 5° of vertical for larger adjustment use a GEFCO Select #SE138-Series Swivel Union, (both #SE137 & #SE138- Series can be ordered separately).

The GEFCO Select #SE159 Series Arching Crown Jet can be installed on a GEFCO #PE109-Series Slab Penetration which will provide a rigid non-corrosive waterproofing penetration.



**TYPICAL SPECIFICATIONS:**

- \* **GEFCO Select #SE159** Arching Crown Jet:
- made of cast bronze, brass fitted and SST fitted.
- SST Hardware w/ EPDM elastomer seals
- XX" diameter (specify)
- (T) NPT connection (specify).

**ADDITIONAL INFORMATION:**

- Suction Straining required to be: Refer to Chart.

SE159	-12	-20	-30	-40	-60						
T	1.25	2	3	4	6						
N	24	36	48	36	48						
ANGLE	80.5°	80.5°	80.5°	80.5°	80.5°						
OS	.187	.187	.187	.375	3.75						
OH	3.430	5.119	5.197	7.717	9.449						
OD	4.370	7.090	10.160	11.54	15.280						
SS	.125	.125	.125	.187	.187						
SH	SD	GPM	SD	GPM	SD	GPM	SD	GPM	SD	GPM	FH
3	5	42	5	62	6	83	6	115	6	153	4
5	8	53	8	80	8	106	8	172	9	229	7
8	12	62	12	93	13	124	13	248	13	330	11
10			15	105	15	140	15	314	16	419	13
15							22	429	23	570	20

**IMPORTANT REQUIREMENT**

Designers and Engineers shall be responsible for the accuracy of system flow rates and especially system head loss requirements. Stated flows and head pressure requirements for any listed spray height are required AT THE NOZZLE. Extrapolations for unlisted spray heights are at the sole responsibility of the Designers and/or Engineers.

**IMPORTANT**

Dimensions, Manufacturers and/or Materials subject to change without notice