

DESCRIPTION

The **GEFCO Select #SE109-Series Spray Bar** will produce a linear formation of stream water effects. The actual jets placed on the ring will be adjustable from 1 to 5 degrees in any direction off of vertical. The jets will also possess 3/16" orifices to reduce trapping of small debris capable of clogging smaller orifice jets. These jets will be spaced approximately 3" O.C. along the length of the bar. The clear water of the Spray Bar effect makes an aesthetic statement in both a daytime operation or at night when used in combination with any type of underwater illumination by Georgia Fountain Company. The Spray Bar must be fed with a non- turbulent water supply.

The spray bar can be installed on GEFECO #PE109-Series Slab Penetrations which will provide rigid, non-corrosive, water- proofing penetrations. Order these seperately and in the correct number for the bars specified.

When specifying, please use the suffixes in the table to ensure the proper fittings are provided.

ADDITIONAL INFORMATION:

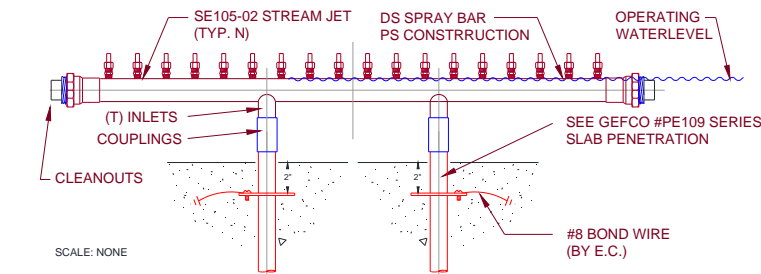
- Suction strainer required to be: **MAX. 50% of OS**
- Field verify all Inlet dimensions.
- Use **100 % filtered water where possible.**
- **OTHER JET SIZES and bar sizes can be provided (call the factory for inquiries).**

TYPICAL SPECIFICATIONS:

- * **GEFCO Select #SE109-XX SPRAY BAR:**
- (L) overall length (specify).
 - clean outs, flush plugs and removable stand leg.
 - (N) GEFECO Select #SE105-02 Stream Jets.
 - (PS) copper tube construction.
 - X (T) copper inlets.

GEFCO Select #SE109-XX Spray Bar:

- 24 2'-0" long (8) 3/16" jets/
(2) 1" connections.
- 30 2'-6" long (10) 3/16" jets/
(2) 1" connections.
- 36 3'-0" long (12) 3/16" jets/
(2) 1 1/2" connections.
- 48 4'-0" long (16) 3/16" jets/
(2) 1 1/2" connections.
- 60 5'-0" long (20) 3/16" jets/
(2) 1-1/2" connections.
- 72 6'-0" long (24) 3/16" jets/
(2) 1-1/2" connections.
- 84 7'-0" long (28) 3/16" jets/
(2) 1-1/2" connections.
- 96 8'-0" long (32) 3/16" jets/
(2) 1-1/2" connections.
- 120 10'-0" long (40) 3/16" jets/
(4) 1-1/2" connections.



SCALE: NONE

PERFORMANCE:

#SE109	-24	-30	-36	-48	-60	-72	-84	-96	-120	
T	2 x 1"	2x1"	2x1 1/2"	2x1 1/2"	2x1 1/2"	2x1 1/2"	2x1 1/2"	2x1 1/2"	4x1 1/2"	
DS	2 ft	2'-6"	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	10'-0"	
PS	1"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"	2"	
N	8	10	12	16	20	24	28	32	40	
OS	.187"	.187"	.187"	.187"	.187"	.187"	.187"	.187"	.187"	
SPRAY HEIGHT	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	FH
3'	14	17	21	28	35	42	49	55	69	5'
5'	18	22	27	36	44	53	62	71	88	7'
8'		28	31	42	52	62	72	83	103	10'
10'					59	70	82	94	117	12'
15'							98	110	138	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