

DESCRIPTION:

The **GEFCO Select #SE117-A Foam Column Sprayhead** produces a massive 'White Water' column with a 'Mushroom Top'. This foam column is water level dependent and must only be installed into pools that are specially designed and built to prevent surge action of the water in the pool. A surge wall with an approx. inside diameter of 75 % of the spray height of the jet, terminating approx. 1/2" below the water level, must surround the perimeter of the falling spray to prevent it from oscillating due to surging. The surge wall is to have small openings at the base to permit the balancing of water levels.

The depth of the pool outside of the surge wall does not influence the sprayhead. Installation depth of the pool for this sprayhead must be no less than approx. 3 feet. The sprayhead must be securely mounted upon a metal pipe, the weight of the sprayhead is approx. 220 pounds to which must be added the back thrust of the jets. The suction intake of the pump operating the sprayhead must be protected from falling spray introducing air into the suction flow (Use greatest possible water depth plus anti vortex cover over suction intake). Built in, after installation, adjustment (A) permits the adjustment of dimension UWD2 that controls the water to air ratio of the foam produced. The spray effect can be adjusted to an app. 50 % higher by increasing UWD2 and lighter spray effect or to a 50 % heavier and lower spray effect by decreasing UWD2. Performances can be highly variable due to air/water ratio adjustment.

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

The GEFCO Select SE117-A Foam Column Spray head can be installed on a GEFCO #PE109-Series Slab Penetration which will provide a rigid non-corrosive, waterproofing penetration.

TYPICAL SPECIFICATIONS:

*** GEFCO Select #SE117-A FOAM COLUMN SPRAYHEAD**

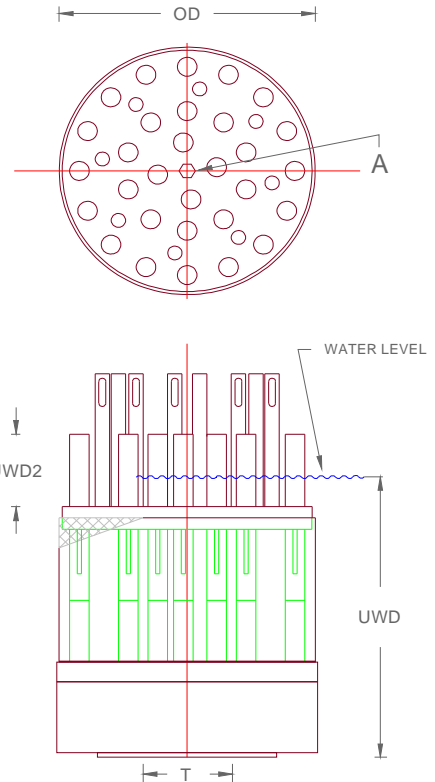
- made of cast bronze and brass fitted.
- SST hardware
- brass debris guard.
- brass/SST nozzle adjustment controls.
- (T) NPT connection.

ADDITIONAL INFORMATION:

- For 4" flange connection specify #SE117-A1.
- For 6" flange connection specify #SE117-A2.
- Suction Straining required to be: **MAX. 0.325"**.

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.



DIMENSIONS: (IN INCHES)	
OH	23.250 variable
OD	15.00"
UWD	17.00"
UWD2	4.375"
T	4" NPT

PERFORMANCE		
SH (IN FT.)	GPM	FH (IN FT.)
8	375	50
10	397	69
12	426	89
15	468	102
20	526	125
30	600	161
40	682	194
50	793	217

IMPORTANT

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