

DESCRIPTION

The **GEFCO Select #SE103-Series Foam Jet** is designed to produce at their lowest spray heights white mounds of water while at greater spray heights they will provide highly visible fluffy white spray effects. The white water of the Foam Jet 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 Foam Jet must be fed with a non-turbulent water supply and protected with a surge collar in small or circular pools to reduce wave action on the water surface. The air intake tube must protrude out of the water at all times.

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

The Foam Jet can be installed on a **GEFCO #PE109-Series Slab Penetration** which will provide a rigid, non-corrosive, waterproofing penetration. The Foam Jet can also be mounted on a spray pod, spray ring, spray bar or a spray arc.

ADDITIONAL INFORMATION:

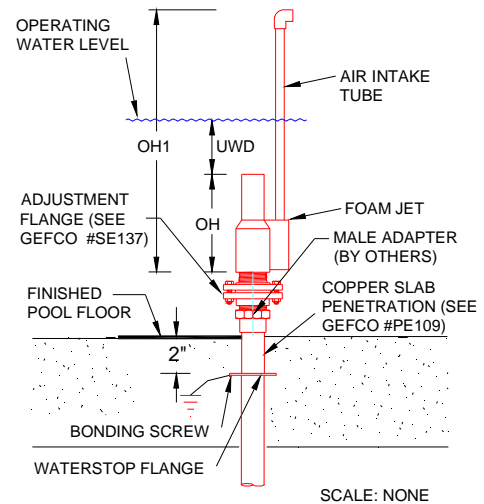
- * **THIS EFFECT HAS A DIAMETER AT THE BASE OF APPROX. 50% OF SPRAY HEIGHT.**
- * **The Foam Jet requires a constant water level.**
- * For strainer requirements consult column 'SS' in table below.

TYPICAL SPECIFICATIONS:

- * **GEFCO Select #SE103-XX Foam Jet:**
 - made of cast bronze body.
 - copper air intake tube.
 - (OS) orifice size (specify).
 - (T) NPT female connection (specify).

REPLACEMENT PARTS:

- NONE.



PERFORMANCE:

| #SE103 | -05 | -07 | -10 | -12 | -15 | -20 | -30 | -30U | -30D | | | | | | | | | |
|--------------|----------|----------|--------|------------|------------|---------|---------|----------|----------|---------|-----|---------|-----|---------|-----|---------|-----|---------|
| T | 1/2" NPT | 3/4" NPT | 1" NPT | 1 1/4" NPT | 1 1/2" NPT | 2" NPT | 3" NPT | 3" NPT | 3" NPT | | | | | | | | | |
| MWD | 10" | 10" | 12" | 12" | 18" | 18" | 24" | 24" | 24" | | | | | | | | | |
| OS | 0.500" | 0.750" | 1.000" | 1.250" | 1.500" | 2.000" | 3.000" | 3.0/3.5" | 3.0/3.5" | | | | | | | | | |
| OH | 3.250" | 3.500" | 4.250" | 4.750" | 5.250" | 7.000" | 10.000" | 10.000" | 12.500" | | | | | | | | | |
| OH1 | 7.00" | 9.50" | 11.26" | 14.00" | 16.00" | 18.00" | 21.00" | 21.00" | 21.00" | | | | | | | | | |
| UWD | 2.000" | 2.500" | 3.000" | 4.000" | 5.000" | 3.000" | 3.000" | 3.500" | 6.000" | | | | | | | | | |
| SS | 0.125" | 0.187" | .250" | 0.325" | 0.375" | 0.500" | 0.750" | 0.750" | 1.500" | | | | | | | | | |
| SPRAY HEIGHT | GPM | FT HEAD | GPM | FT HEAD | GPM | FT HEAD | GPM | FT HEAD | GPM | FT HEAD | GPM | FT HEAD | GPM | FT HEAD | GPM | FT HEAD | GPM | FT HEAD |
| 1' | 6 | 7 | 11 | 7 | 17 | 7 | 23 | 8 | 32 | 8 | 51 | 5 | 67 | 5 | 80 | 7 | 88 | 8 |
| 2' | 8 | 14 | 14 | 13 | 20 | 12 | 28 | 13 | 38 | 13 | 60 | 9 | 80 | 7 | 92 | 10 | 105 | 12 |
| 3' | 9 | 19 | 16 | 15 | 22 | 15 | 32 | 16 | 44 | 16 | 67 | 12 | 91 | 9 | 104 | 13 | 117 | 17 |
| 4' | 11 | 23 | 17 | 19 | 24 | 17 | 36 | 19 | 49 | 20 | 73 | 15 | 102 | 12 | 114 | 17 | 128 | 20 |
| 5' | 12 | 26 | 19 | 23 | 26 | 19 | 39 | 22 | 54 | 23 | 80 | 17 | 112 | 14 | 122 | 19 | 140 | 24 |
| 6' | | | 21 | 26 | 29 | 22 | 42 | 24 | 58 | 27 | 85 | 19 | 121 | 17 | 132 | 24 | 155 | 29 |
| 8' | | | 25 | 30 | 32 | 26 | 48 | 29 | 66 | 37 | 93 | 23 | 132 | 21 | 149 | 28 | 195 | 40 |
| 10' | | | | | 35 | 36 | 51 | 35 | 74 | 56 | 101 | 26 | 141 | 26 | 170 | 36 | 221 | 50 |
| 15' | | | | | | | 62 | 56 | 95 | 73 | 120 | 35 | 198 | 35 | 210 | 49 | 249 | 63 |
| 20' | | | | | | | | | 121 | 86 | 136 | 43 | 225 | 55 | 245 | 65 | 282 | 86 |
| 30' | | | | | | | | | | | 163 | 61 | 290 | 74 | 306 | 88 | 359 | 129 |
| 40' | | | | | | | | | | | | | 344 | 95 | 397 | 113 | 455 | 170 |
| 50' | | | | | | | | | | | | | | | 595 | 144 | 566 | 197 |

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