

DESCRIPTION

The **GEFCO Select #SE105 Series Stream Jet** produces a single stream of clear water varying in diameters from .125" (1/8") to 1-1/4". The selection is based on not only appearance but also on performance. This series is adjustable 15 ° from vertical. The pipe size connection is based on the orifice size. Also see GEFCO Select #SE129 Series for larger jets. ALL Male versions feature an internal flow straightener. To add a flow straightener to the larger female versions order separately GEFCO Select #SE01050 Flow Straighteners.

The Stream Jet can be installed on GEFCO #SE109 Slab Penetrations which provide a rigid noncorrosive water proofing penetration. The jet can also be installed on GEFCO #SE108 Sprayings or Spraybars. See the respective catalog information on these items.

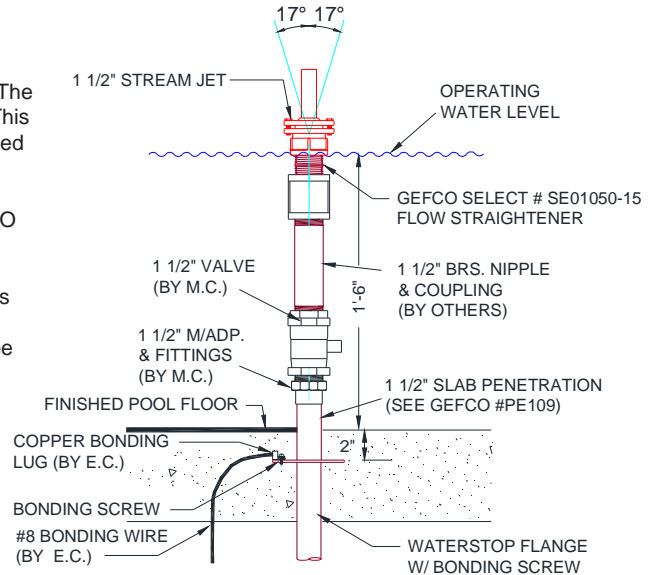
For best performance stream jets shall be supplied with linear non-turbulent water into the jet. Valves, elbows and reducers etc. can be used but only 10 times the pipe diameter distant from the jet.

TYPICAL SPECIFICATIONS:

- * **GEFCO Select #SE105-XX Stream Jet:**
- machined or cast bronze and brass
- stainless steel fitted.
- (OS)" orifice.
- (T)" NPT female connection.
- adjustable 10 ° from vertical (for -01 to -06).
- adjustable 15 ° from vertical (for -07 to -31).

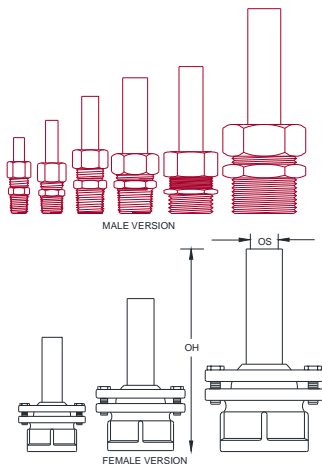
ADDITIONAL INFORMATION:

- * **Suction Straining required to be: - 50% smaller than the orifice size used.**
- * **ADD Minimum 25% TDH Reserve losses.**
- * **ALLOW 20% extra head loss for heights above 60'**
- * **ALLOW 40% additional head loss for heights <60'**



SCALE: NONE

MODEL #	OS	T (M)	OH
SE -			
105-01	.125	1/8"	1.890
105-02	.187	1/4"	2.240
105-04	.250	3/8"	2.760
105-05	.375	1/2"	3.270
105-06	.500	3/4"	4.020
	OS	T (FM)	OH
105-07	.250	3/4"	3.860
105-08	.375	3/4"	3.860
105-10	.375	1"	4.130
105-11	.500	1"	4.130
105-12	.500	1-1/4"	5.630
105-13	.625	1-1/4"	5.630
105-15	.625	1-1/2"	6.100
105-16	.750	1-1/2"	6.100
105-20	.875	2"	7.480
105-21	1.000	2"	7.480
105-30	1.125	3"	12.00
105-31	1.250	3"	12.00



PERFORMANCE

OS	.125	.187	.250	.375	.500	.625	.750	.875	1.000	1.125	1.250	1.500	1.750	2.000	2.500	3.000	FT.
HEIGHT	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	HEAD
3'	.32	1.72	2.65	3.18	7.93	8.99											4
5'	.56	2.20	3.70	4.76	11.63	13.22	28	35			57						7
8'	.80	2.57	4.36	6.87	14.80	18.50	31	39	47	67	72	114	152	171	304	447	10
10'	1.01	2.91	4.95	8.72	17.44	23.78	40	52	51	86	86 114	133	162	200	333	504	13
15'	1.30	3.44	5.82	11.89	21.67	31.71	52	68	64	114	143	163	219	260	447	637	19
20'					25.63	42.28	65	90	84 109	152	190	209	292	371	589	827	25
30'							72	99	121	171	219	276	380	485	760	1083	30
40'							77	107	131	190	238	314	428	542	840	1207	49
50'							95	129	159	228	285	333	466	589	922	1302	61
80'							110	148	184	257	323	418	551	713	950	1577	98
100'									228	323	399	466	637	836	1283	1834	123
150'									371	475	466	570	779	1026	1587	2288	183
200'												684	922	1207	1862	2708	244
250'												741	998	1302	1995	2898	305
300'												850	1120	1387	2128	3154	366
400'														1520	2423	3373	488

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