# GEFCO SELECT SE105-800

# Directional Adjustable Stream Jets

450 450

#### **DESCRIPTION**

The **GEFCO Select #SE105-800 Series Stream Jet** produces a single stream of clear water varying in diameters from .118" to 0.787". 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 #SE105 and SE129 Series for larger jets. ALL GEFCO Select #SE105-800 jet versions feature an internal flow straightener.

The Stream Jet can be installed on GEFCO #SE109 or EE113 Series Slab Penetrations which provide a rigid noncorrosive water proofing penetration. The jet can also be installed on GEFCO #SE108 Sprayrings 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 #SE105-8XX-Y Stream Jet:
- machined or cast bronze and brass
- stainless steel fitted.
- (OS)" orifice.
- (T)" NPT female connection.
- adjustable 15 ° from vertical.

## **ADDITIONAL INFORMATION:**

- \* Suction Straining required to be: 50% smaller than the orifice size used.
- \* ADD Minimum 25% TDH Reserve losses.
- \* ADD 10% in GPM Reserve.

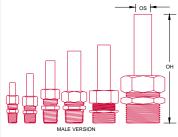
		15° 15°	
ngle			
. This 1/2' ased ries an	STREAM JET—		OPERATING WATER LEVEL
es I rings	1 1/2" VALVE (BY M.C.)		1 1/2" BRS. NIPPLE & COUPLING (BY M.C.)
e FINISHED	1 1/2" M/ADP. & FITTINGS (BY M.C.)		1 1/2" SLAB PENETRATION (SEE GEFCO #PE109)
COPPER BONDING LUG (BY E.C.)		2"	
BONDING SCREW		D \	
#8 BONDING WIRE (BY E.C.)	_		- WATERSTOP FLANGE W/ BONDING SCREW SCALE: NONE

#### **IMPORTANT**

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

SE -	os	T (M)	OH
105-804-1	0.118	1/4"	2.2"
105-804-2	0.157	1/4"	2.2"
105-805-1	0.157	3/8"	2.8"
105-805-2	0.197	3/8"	2.8"
105-805-3	0.236	3/8"	2.8"
105-808-1	0.236	1/2"	3.5"
105-808-2	0.315	1/2"	3.5"
105-808-3	0.394	1/2"	3.5"
105-812-1	0.472	3/4"	3.9"
105-812-2	0.551	3/4"	3.9"
105-813-1	0.472	1"	4.3"
105-813-2	0.551	1"	4.3"
105-815-1	0.630	1-1/2"	6.1"
105-815-2	0.669	1-1/2"	6.1"
105-815-4	0.748	1-1/2"	6.1"
105-815-5	0.787	1-1/2"	6.1"

MODEL#



os	0.118	0.157	0.457														
		0.137	0.157	0.197	0.236	0.236	0.315	0.394	0.472	0.551	0.472	0.551	0.630	0.669	0.748	0.787	FT.
HEIGHT	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	GPM	HEAD
3'	0.3	0.7	0.8	1.5	1.8	2.1	3.4	5.5	7.4	9.2	7.4	11.1	13.7	16.5	19.8	21.1	5
4'	0.4	1.0	1.0	1.7	2.0	2.3	4.0	6.3	8.5	10.3	8.7	11.6	15.9	18.0	21.7	24.3	7
5'	0.5	1.3	1.3	1.9	2.2	2.5	4.5	7.4	9.8	11.9	10.0	13.7	18.5	19.8	24.6	29.0	11
6'	0.7	1.4	1.4	2.1	2.4	2.9	5.0	7.9	10.8	13.2	11.4	15.0	20.6	22.0	27.7	32.2	13
8'	0.9	1.6	1.6	2.4	2.8	3.4	5.8	8.7	12.1	15.9	12.7	17.7	23.8	24.8	30.4	37.0	16
10'	1.2	1.9	1.9	2.7	3.2	3.9	6.4	10.0	13.7	18.5	14.8	20.0	26.1	29.0	35.1	41.0	18
12'		2.1	2.1	2.9	3.5	4.4	7.0	11.1	15.0	21.1	16.4	22.5	28.3	32.2	38.8	44.9	22
15'					4.6	5.0	8.2	12.4	17.4	25.6	18.5	25.6	32.5	36.2	44.9	51.5	26
20'							9.6	14.8	21.1	30.9	22.7	32.2	38.3	43.3	55.5	62.0	30
25'								17.4	25.6	36.2	26.7	36.5	44.4	50.1	67.4	72.7	41
30'										40.4	40.9	42.8	50.7	57.6	77.9	84.5	48
35'													56.8	64.7	88.5	93.8	50
	4' 5' 6' 8' 10' 12' 15' 20' 25' 30'	4' 0.4 5' 0.5 6' 0.7 8' 0.9 10' 1.2 12' 15' 20' 25' 30'	4' 0.4 1.0 5' 0.5 1.3 6' 0.7 1.4 8' 0.9 1.6 10' 1.2 1.9 12' 2.1 15' 20' 25' 30'	4' 0.4 1.0 1.0 5' 0.5 1.3 1.3 6' 0.7 1.4 1.4 8' 0.9 1.6 1.6 10' 1.2 1.9 1.9 12' 2.1 2.1 15' 20' 25' 30'	4' 0.4 1.0 1.0 1.7 5' 0.5 1.3 1.3 1.9 6' 0.7 1.4 1.4 2.1 8' 0.9 1.6 1.6 2.4 10' 1.2 1.9 1.9 2.7 12' 2.1 2.1 2.9 15' 20' 25' 30'	4'         0.4         1.0         1.0         1.7         2.0           5'         0.5         1.3         1.3         1.9         2.2           6'         0.7         1.4         1.4         2.1         2.4           8'         0.9         1.6         1.6         2.4         2.8           10'         1.2         1.9         1.9         2.7         3.2           12'         2.1         2.1         2.9         3.5           15'         4.6           20'         4.6           20'         4.6         4.6           30'         4.6         4.6	4'         0.4         1.0         1.0         1.7         2.0         2.3           5'         0.5         1.3         1.3         1.9         2.2         2.5           6'         0.7         1.4         1.4         2.1         2.4         2.9           8'         0.9         1.6         1.6         2.4         2.8         3.4           10'         1.2         1.9         1.9         2.7         3.2         3.9           12'         2.1         2.1         2.1         2.9         3.5         4.4           15'         20'         4.6         5.0           20'         25'         3.0         4.8         5.0	4'         0.4         1.0         1.0         1.7         2.0         2.3         4.0           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4           12'         2.1         2.1         2.1         2.9         3.5         4.4         7.0           15'         4.6         5.0         8.2           20'         9.6         9.6           25'         30'         8.2         9.6	4'         0.4         1.0         1.0         1.7         2.0         2.3         4.0         6.3           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1           15'         4.6         5.0         8.2         12.4           20'         4.6         5.0         8.2         12.4           25'         4.6         5.0         8.2         17.4           30'         4.6         1.7.4         17.4	4'         0.4         1.0         1.0         1.7         2.0         2.3         4.0         6.3         8.5           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0           15'         4.6         5.0         8.2         12.4         17.4         25.6           20'         4.6         5.0         8.2         14.8         21.1           25'         4.0         4.6         5.0         8.2         17.4         25.6           30'         4.6         5.0         8.2         1.4         17.4         25.6	4'         0.4         1.0         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0         21.1           15'         1.5         2.1         2.9         3.5         4.4         7.0         11.1         15.0         21.1           20'         1.5         4.6         5.0         8.2         12.4         17.4         25.6           20'         1.5         4.6         5.0         8.2         12.4	4'         0.4         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0         21.1         16.4           15'           4.6         5.0         8.2         12.4         17.4         25.6         18.5           20'                <	4'         0.4         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7         11.6           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0         13.7           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4         15.0           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7         17.7           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8         20.0           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0         21.1         16.4         2.25           15'         2.         4.6         5.0         8.2         12.4         17.4         25.6         18.5         25.6           20'         3.         4.6 <td< td=""><td>4'         0.4         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7         11.6         15.9           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0         13.7         18.5           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4         15.0         20.6           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7         17.7         23.8           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8         20.0         26.1           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0         21.1         16.4         22.5         28.3           20'            9.6         14.8         21.1         30.9</td><td>4'         0.4         1.0         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7         11.6         15.9         18.0           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0         13.7         18.5         19.8           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4         15.0         20.6         22.0           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7         17.7         23.8         24.8           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8         20.0         26.1         29.0           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0         14.8         20.0         26.1         29.0           20'         2.1</td><td>4'         0.4         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7         11.6         15.9         18.0         21.7           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0         13.7         18.5         19.8         24.6           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4         15.0         20.6         22.0         27.7           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7         17.7         23.8         24.8         30.4           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8         20.0         26.1         29.0         35.1           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0         21.1         16.4         22.5&lt;</td><td>4'         0.4         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7         11.6         15.9         18.0         21.7         24.3           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0         13.7         18.5         19.8         24.6         29.0           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4         15.0         20.6         22.0         27.7         32.2           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7         17.7         23.8         24.8         30.4         37.0           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8         20.0         26.1         29.0         35.1         41.0           12''         2.1         2.1         2.9         3.5         4.4         7.0</td></td<>	4'         0.4         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7         11.6         15.9           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0         13.7         18.5           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4         15.0         20.6           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7         17.7         23.8           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8         20.0         26.1           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0         21.1         16.4         22.5         28.3           20'            9.6         14.8         21.1         30.9	4'         0.4         1.0         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7         11.6         15.9         18.0           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0         13.7         18.5         19.8           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4         15.0         20.6         22.0           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7         17.7         23.8         24.8           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8         20.0         26.1         29.0           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0         14.8         20.0         26.1         29.0           20'         2.1	4'         0.4         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7         11.6         15.9         18.0         21.7           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0         13.7         18.5         19.8         24.6           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4         15.0         20.6         22.0         27.7           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7         17.7         23.8         24.8         30.4           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8         20.0         26.1         29.0         35.1           12'         2.1         2.1         2.9         3.5         4.4         7.0         11.1         15.0         21.1         16.4         22.5<	4'         0.4         1.0         1.7         2.0         2.3         4.0         6.3         8.5         10.3         8.7         11.6         15.9         18.0         21.7         24.3           5'         0.5         1.3         1.3         1.9         2.2         2.5         4.5         7.4         9.8         11.9         10.0         13.7         18.5         19.8         24.6         29.0           6'         0.7         1.4         1.4         2.1         2.4         2.9         5.0         7.9         10.8         13.2         11.4         15.0         20.6         22.0         27.7         32.2           8'         0.9         1.6         1.6         2.4         2.8         3.4         5.8         8.7         12.1         15.9         12.7         17.7         23.8         24.8         30.4         37.0           10'         1.2         1.9         1.9         2.7         3.2         3.9         6.4         10.0         13.7         18.5         14.8         20.0         26.1         29.0         35.1         41.0           12''         2.1         2.1         2.9         3.5         4.4         7.0

## 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.

PERFORMANCE