Georgia Fountain Company, Inc.™

GEFCO SELECT SE1854
Film Projection Screen Jet

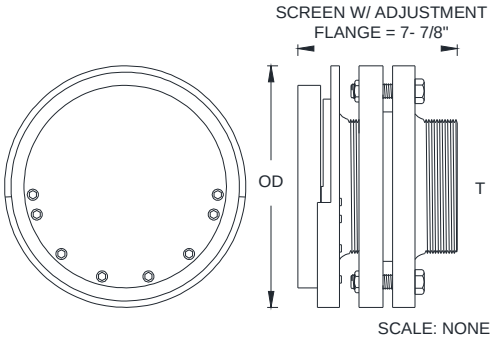
DESCRIPTION

The **GEFCO Select #SE1854-Series Projection Screen Jet** is designed to provide a near transparent screen of water used for the projection of movies, digital pictures, laser shows and slide photo projections. All projections shall be from the rear of the jet. The jet shall be installed with a forward tilt of approx. 1.5 - 2.0 degrees in order to avoid pulsing effect created by the return fall of water onto itself. These projection screen jets require tremendous HP and electric power up to 325HP for one screen depending on the radius of the screen desired and the associated piping losses.

In the upper range of the suggested spray performances the streams tend to break up giving the spray effect a feathered misty appearance.

A GEFCO Select #SE137-Series Adjustment Flange is designed to correct the vertical adjustment of sprays up to 5 degrees off of vertical. It is desirable to have the jet tilt forward from vertical by 1.5 - 2.0 deg. GEFCO Select #SE137-60 Adjustment flanges can be ordered separately.

The GEFCO Select #SE1854 Projection Screen Jet can be installed on a GEFCO #PE109-80SS Series Stainless Steel Slab Penetration which will provide a rigid non-corrosive, waterproofing penetration designed for the high pressures associated with this effect.

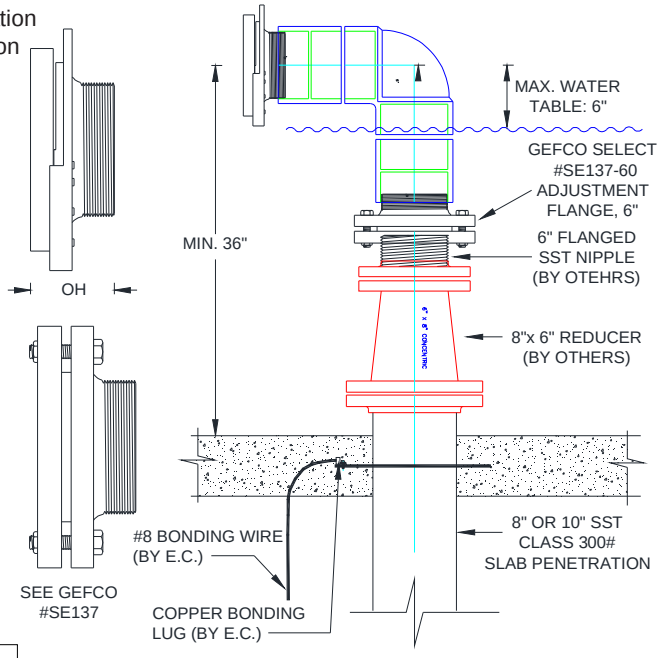


TYPICAL SPECIFICATIONS:

*** GEFCO Select #SE1854** PROJECTION SCREEN JET:
- made of cast bronze &SST fitted.
- 6" NPT connection.
- 6" adjustment flange (SEE GEFCO Select #137)

ADDITIONAL INFORMATION:

- Suction Straining required to be: MAX. 0.125".
- Pressure table indicates pressures required AT THE JET.
- For spray heights greater than 20' add extra TDH (HP).
- Allow 3x spray height for water fall-out pattern (Wet Area).
- Installation detail may vary from project to project.
- Jets are sold only with associated pumps to warrant jet performance.



DIMENSIONS: (IN INCHES)	
OH	4.25"
OD	12"
T	6"

PERFORMANCES:			
SH Ft.	GPM	FH PSI	APPROX. HP
20	800	80	100
30	1000	100	100
40	1200	170	150
60	1800	200	250

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

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