

DESCRIPTION

The **GEFCO Select #SE951 Series Air Propelled Jets** are an effective way of dramatically presenting water for the theatrical display of water at great heights in an open air setting. As the title says the water is not propelled by conventional pump systems but by air pressure using water collected from the surrounding water reservoir. The time for the presentation of water is limited to the effect of explosive presentation of the column of water and should be limited to an operating time of 2-5 seconds. The longer the time the larger the riser on the jet chamber needs to be. The consumption of air is calculated by the volume in the jet chamber along with the max. number of presentations that are selected to occur per minute of show time.

The air propelled jets can be combined with conventional water piping systems to change the dynamics of the presentation of the water and to maintain a constant spray height through out the presentation and/or as conventional fountains following the show. Consult the factory for this option.

TYPICAL SPECIFICATIONS:

*** GEFCO Select #SE951 Series Air Propelled Jets:**

- SST Welded Tubing construction
- Spray Height : Specify (60 feet/ 20M Maximum.
- 2" Single machined SST jet with
- 1" Orifice
- Operating Cycle Time: 10 seconds)
- 18 watt max., 24 VDC, 24AC or 12VAC (specify)
- 10 feet of 16/3 cable with IP68 connector.
- 15" Minimum water depth required.
- 1/2" Air Supply Check valve, bronze.
- 1/2" Air Supply Shut-off valve, bronze.
- Water control inlet valve.
- **OPTIONAL LIGHTING NOT INCLUDED.**
- **OPTIONAL PRE-CHARGE AIR STORAGE NOT INCLUDED.**

OPTIONAL ITEMS :

5 gallon SST Air Reservoir, 1" NPT connection.
LIGHTING - Consult with Factory for selection of GEFCO #EE175 or other Series Lighting
CORD LENGTH - Cable longer than 9'- 0" is optional and can be supplied at an extra cost, however, only 10'- 0" of exposed cable is permissible by NEC.

REPLACEMENT PARTS :

- R01: 1/2" Solenoid valve, 24VDC, submersible coil.
- R02: Connector cable w/ connector (specify length).
- R03: 1/2" Air Supply Check Valve.
- R04: 1/2" Air Supply Service Valve.
- R05: Water Inlet Diaphragm.

IMPORTANT

The designers, installers and end users utilizing the electrical equipment described herein assume full responsibility for the compliance with the N.E.C and it's applicable articles, intents and consequences. Where the manufacturer and/or the supplier of the electrical equipment described herein does not control the application or usage, he assumes no responsibility whatsoever for any consequences arising out of the application, installation and/or usage of this or any other equipment and/or materials



IMPORTANT

Dimensions and/or Materials subject to change without notice

AIR PRESS.		SPRAY HEIGHT		CYCLE TIME		AIR QTY REQ.	
IN BAR	IN PSI	IN M	IN FEET	PER SHOT		PER SHOT	
1.10	17.0	4.50	15.0	4.00	SEC.	0.90	GAL
2.20	33.0	11.00	36.0	6.00	SEC.	2.70	GAL
3.30	50.0	15.00	49.0	8.00	SEC.	3.30	GAL
4.40	68.0	18.00	59.0	9.50	SEC.	5.90	GAL
5.50	83.0	20.00	67.0	10.00	SEC.	6.30	GAL