

DESCRIPTION

The **GEFCO Select #EE114-C47 Wind Speed AND Wind Direction Controller** is used on fountains with medium to high elevation, jet-originated spraying effects where operations in a certain sections of the compass rose are to be interrupted. This device measures the wind velocity and wind direction and relays that information directly to a GEFCO Model #EE140 FPC, to a control system or directly to a VFD in order to activate control valves and/or motor starters to prevent wind from blowing water out of the pool area. This WSWD Controller emits a set of digital signals for start-stop of pumps or drives as well as a 4-20 mA signal to convey wind speed for speed control of pumps.

TYPICAL SPECIFICATIONS:

*** GEFCO Select #EE114-C47 Wind Speed AND Wind Direction Controller:**

- NEMA 1 construction.
- equipped with 1 ea. anemometer input.
- equipped with 1 ea. azimuth input.
- equipped with 2 ea. 4-20mA outputs (speed + direction).
- equipped with 4 ea. digital outputs SPDT 5A @ 120 VAC.
- 120 VAC OR 12VDC operation (specify).
- DIN panel door mounting.
- 4 ea. programing keys with integral LED for alarm indication.
- complete with:
- 1 ea. wind speed anemometer complete with cable sheath.
- 100 ft. 2-conductor cable.
- 1 ea. wind direction vane complete with cable sheath.
- 100 ft 3-conductor shielded cable.
- 2 ea. aluminum mounting bracket (1 straight - 1 S-shape).
- 2 ea. 2" pole SST mounting clamps.

These units are normally built in to the fountain control panel but can be mounted separately.

OPTIONS

Enclosures:

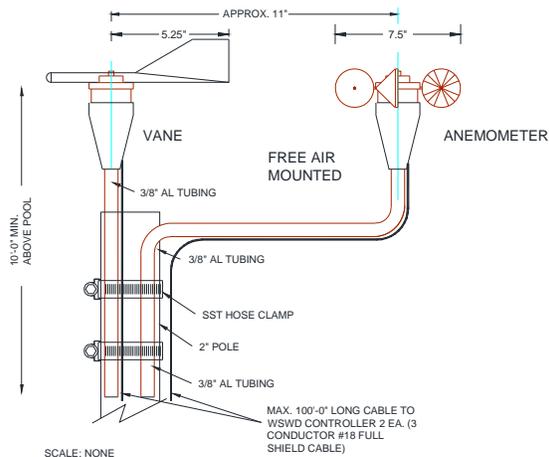
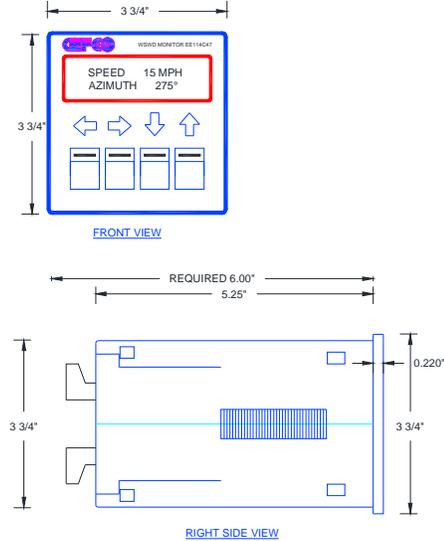
- 3R Nema 3R enclosure.
- 4 Nema 4 enclosure.
- 4X Nema 4X enclosure.

Cable Length:

Additional cable is available to max. of 500ft. Consult factory.

REPLACEMENT PARTS:

- A Wind speed sensor.
- B Wind vane (direction) sensor.
- C Mounting bracket assembly.



IMPORTANT

Dimensions and/or Materials subject to change without notice.

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