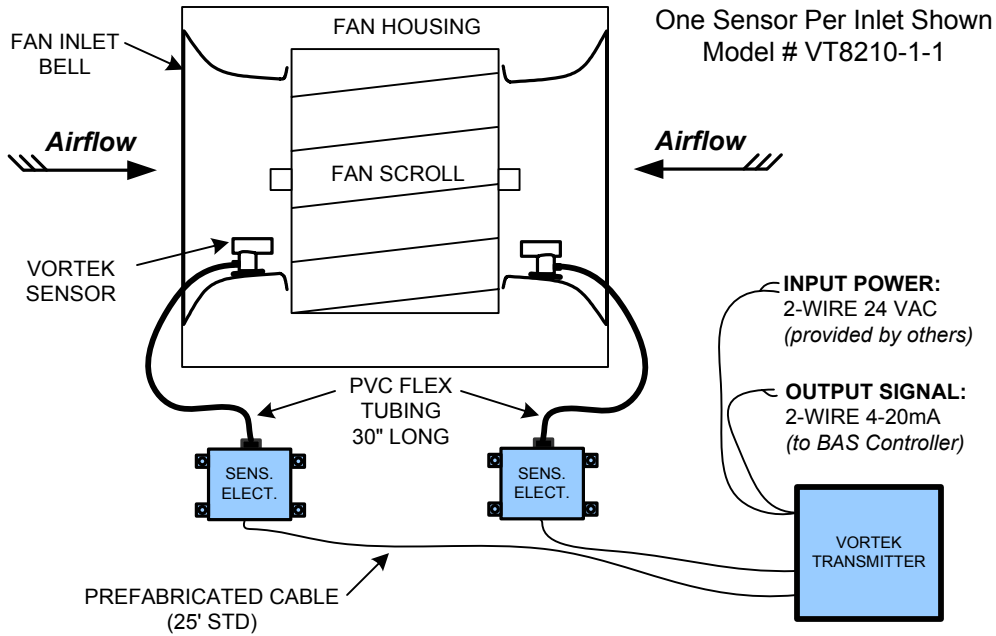
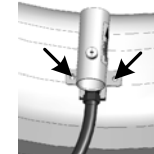
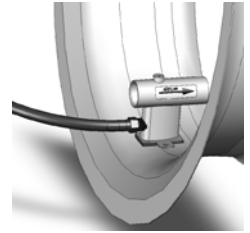


DWDI FAN



INSTALLATION INSTRUCTIONS

1. Select sensor mounting location on the inlet bell where there are no obstructions in the inlet airflow path.
2. Position the sensor assembly into the throat of the fan inlet bell (smallest diameter) with airflow direction indicator facing towards the fan blades. Verify the fan blades will not come in close contact with the sensor.
3. Using the mounting bracket as a template, mark the inlet bell through the two mounting holes, then remove the sensor assembly.

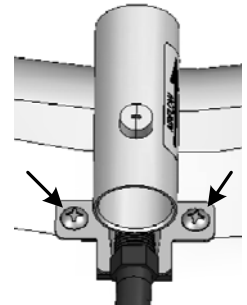


IMPORTANT: It is critical the mounting hardware provided is used as instructed below, otherwise damage to the fan may result.

4. Drill two 3/8" diameter holes where the inlet bell was marked.
5. Thread the two #10 screws provided just a few turns into the captive nuts to ease handling and insert the captive nuts into the two drilled holes. If necessary, tap the top of screws lightly to engage the captive nuts into the holes.

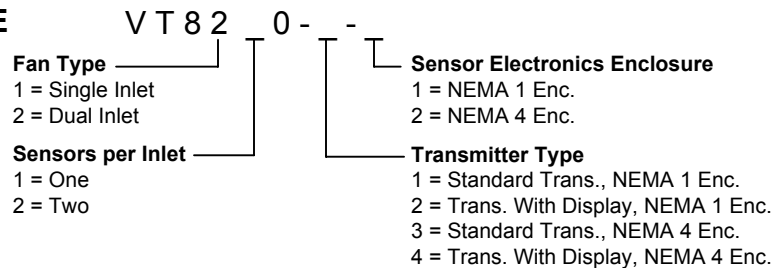


6. Remove the two #10 screws from the captive nuts and confirm the captive nuts are seated into the holes.
7. Locate the sensor mounting bracket on the inlet bell aligning the two holes with the captive nuts. Install the lock washers onto the two screws, insert the screws through the holes in the bracket and secure in place.



8. If two sensors are provided for this application, select mounting location on the opposite side of inlet bell for the second sensor and repeat above steps.
9. Pull the PVC Flex Tubing away from the fan inlet and secure the Sensor Electronics Enclosure in place.
10. Repeat above steps for other inlet side.

MODEL CODE



NOTES

1. Sensor Materials of Construction:
Base and Shroud: Aluminum 6061, Anodized
Shedder: ABS Plastic
Mounting Bracket: Galvanized Steel, Mounting Screws: Zinc Plated Steel
Captive Nut: Alloy Steel, Black Oxide Finish
Flex Tubing: PVC, Fitting: Nylon
2. For Wiring Details Reference VT7000 Transmitter Wiring Diagram.
3. Reference VT7000 O&M Manual for specific product instructions.



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VT8200-1-1
VorTek, Fan Inlet, DWDI,
High Efficiency Sensor

Installation Drawing
(DWDI)

| | |
|--------------------------|---------------|
| Revision Letter: A | Dwg. No: |
| Revision Date: 4/15/08 | Drawn By: BJO |
| Filename: VT8200-1-1.vsd | ECN: 1084 |