

**Maintenance free anti-windmilling solution!**



**The right answer for elimination of fan damaging "reverse direction" has been improved with our Gen3 Drive Sentry. Low cost, easy installation, and field reversible design make this a game changer.**



**CONTACT US TODAY!**

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### **Key Features:**

- Includes all parts required for installation
- Easy field reversible for Right or Left-Hand Rotation
- -40F to +200F operating temp
- 1200 RPM Max Rotation speed
- Weighs only 3.5 pounds
- Shaft or bushing mount options available
- 6061-T6 Aluminum housing
- Requires only 1.5" of shaft projection for installation
- Quality machined finish
- Low Profile design



## INSTALLATION INSTRUCTIONS

### DRIVE SENTRY GEN 3 - SHAFT MOUNT

**UNPACK AND LAY OUT COMPONENTS. CHECK TO ENSURE ALL THE FOLLOWING ARE PRESENT:**

- DRIVE SENTRY GEN 3
- SHACKLE x1
- 10' RESTRAINT CABLE x1
- CABLE CLAMPS x2
- LOCTITE 262 x1



1. Align the 3/4" socket head set screw w/the fan shaft keyway and slide the Drive Sentry onto the fan shaft projection as far as it will go.
2. Apply Loctite 262 to threads and securely tighten.



## **IMPORTANT NOTES!**

CONFIRM THAT THERE IS NO LESS THAN 1.5" (3.8CM) OF SHAFT PROJECTION FROM BOTTOM OF SHEAVE/BUSHING FOR ATTACHMENT.

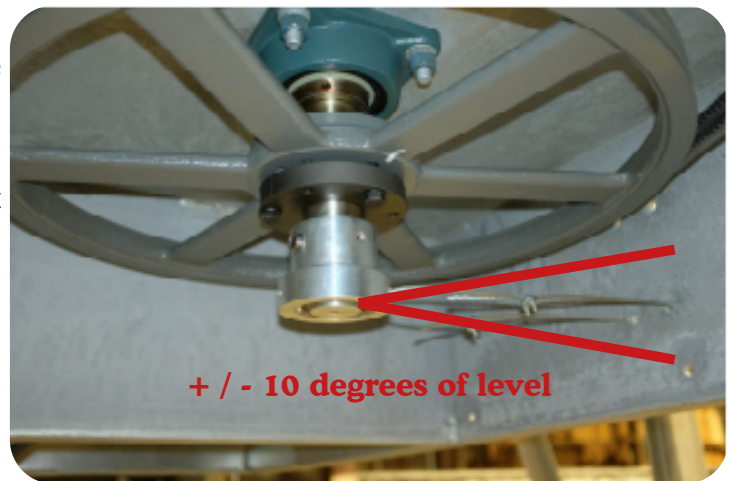
Max allowable RPM is 1200.

Temperature limits are -40F to +200F.

3. Confirm fan direction of rotation.
4. Confirm the Drive Sentry has correct direction of free rotation and correct direction of restraint.
5. **AFTER CONFIRMING THE DIRECTION OF ROTATION IS CORRECT** thread one end of the restraining cable through the shackle and secure it using one of the two supplied cable clamps. Install the cable clamp using Loctite 262 on the clamp threads.

6. Apply Loctite 262 to the threads on the second cable clamp and secure the opposite end of the restraining cable to a sturdy support. Pull the cable taut to remove available slack and complete the attachment with the cable no more than 10° above or below level.

7. Ensure the restraining cable is not attached to or exposed to a sharp edge that would cause wear and failure



8. By hand, attempt to rotate the fan backward to confirm the Drive Sentry restrains backward rotation.
9. Install all required guards and confirm the Drive Sentry has appropriate clearances for free operation and travel.
10. After all guards are installed run the fan at a full speed test to make final confirmation of the following:
  - o Direction of rotation in operation
  - o Proper clearances for Drive Sentry
  - o Restraining cable is taut, free of slack and properly positioned

## INSTRUCTIONS FOR REVERSING DIRECTION OF ROTATION



Use .1875" Allen Wrench to remove the flat head screw at center of bottom plate on the bottom of Drive Sentry. Remove the screw, lift off the center plate and set both to the side for immediate reinstallation.



Lift the Clutch Housing off the assembly, Turn it over, align the keyway and reset it on the shaft adapter



**Note the direction of the black arrow. Arrow wont be on finished product, and is for illustration purposes only.**



Reset center cover plate to the middle of the now reversed Drive Sentry and secure in place by tightening the flat head screw with .1875" Allen Wrench. Tighten to 8ft-lbs.