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“La Trancheuse” Remote 3” SCAT Tubing Air-Slicer Valve



Almost everything else in the airplane is French so I thought this should be named in fond memory of my beautiful French teacher Mademoiselle Rule, who

would try *—in vain—*to teach me French verbs while scaring me senseless in class with her long legs and perfume and silken, sexy...but I digress.

....*“Votre grenouille a mangé mon déjeuner”*

This is a servo-operated “Slicer” valve for 3-inch SCAT ventilation ducts especially in the Lancair 4 and ES. A remote potentiometer on our EGP-NMSC (included) controls the valve position. Not intended for use forward of the firewall.

Features:

- Stainless steel gate
- Weights less than 10 oz
- Futaba S3004 Ball Bearing Servo
- Manual knob
- Size 6.3 X 4.6 X 2.6 Inches

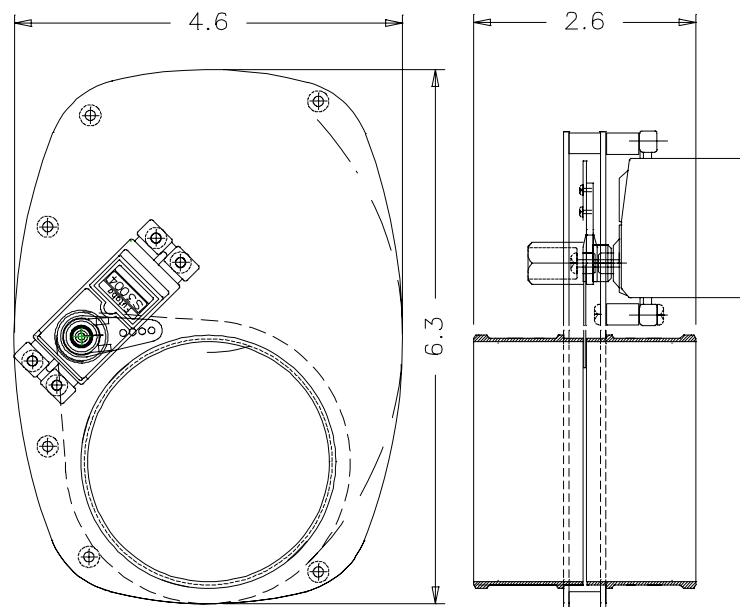
Application:

This valve is a swing-gate valve specifically for cabin ventilation and is not intended for extreme conditions such as under-cowl firewall-forward applications, nor is it intended for applications where absolutely complete shutoff is required.

We supply this with an optional separable connector. See the EGP-NMSC manual for wiring information.

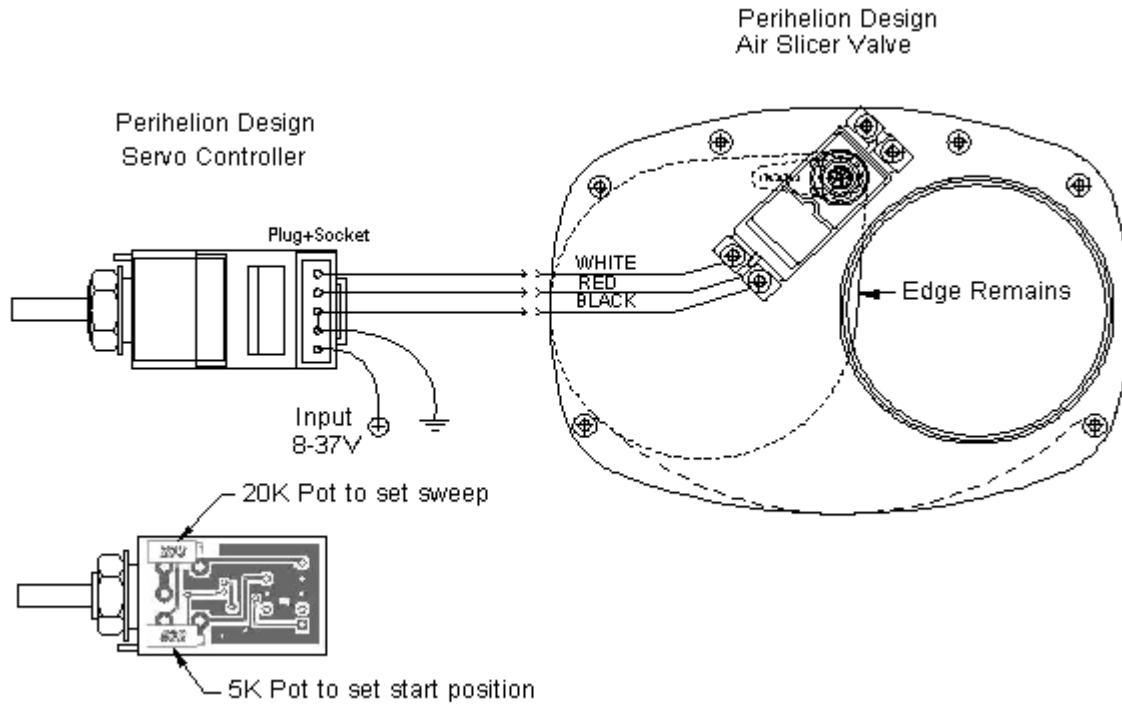
Specific mounting details are up to the builder, but we would appreciate your particular solution to share with future builders.

For interested designers, the shape of the body is called “super-elliptical”. Invented by Piet Hein, it was the classic shape of TV screens and proves useful in a variety of curious applications in which neither an ellipse nor a rectangle would do as well.



Installation Notes:

Locate a convenient installation location. The Slicer Valve is light enough to share mounting supports with the 3" SCAT tubing, but the builder may wish to add a separate support. Wiring to the servo controller can be very small, such as 22 AWG, since the current is only applied when the servo moves. A two amp slow-blow fuse can be added to protect the positive (red) lead.



See the EGPNSMC for additional details on mounting the servo on the control panel.

