

# EXHAUST COMPONENTS

## HEATER BYPASS VALVES

Three models of the all stainless steel heater bypass boxes are offered. The engine side control lever comes with a backing plate that attaches to the cabin side of the firewall and has a 2 inch scat tube outlet so a tube can be attached in the cabin that directs air where wanted. All stainless steel construction offers a fireproof closure in case of an engine fire. New flapper design offers better seal to keep out hot air when closed.



**HEATER BYPASS VALVE FOR RV-10**  
P/N 08-06230 .....



**HEATER BYPASS VALVE WITH CABIN SIDE CONTROL LEVER FOR RV-7, RV-8 AND RV-9** .....P/N 08-01311 .....



**HEATER BYPASS VALVE WITH ENGINE SIDE CONTROL LEVER**  
P/N 08-01311-1 .....

## ALL STAINLESS STEEL TRI-BOX



These boxes were developed for builders who want a simple, light, all stainless box that will fit in tight places, as it does not extend forward of the firewall as far as a standard box. Shown in the photo is a left unit. The box is available in both left and right units. The hole spacing is correct for the pre-punched holes in the RV-10 firewall, but they can be mounted on any firewall. For ease in cable routing, the arm on the box is adjustable using the provided lock nuts.

Everything in the unit is stainless steel, including bushings and rivets. It is furnished with a closed-cell silicone gasket. Weight is 9.8 ounces and has a 2" inlet/outlet port. Please note that these boxes are a direct replacement for the aluminum box available from Vans. The RV-10 uses both a left and a right unit, and they also can be ordered separately. If you are not sure which one(s) you need, refer to your firewall plans drawings. Right .....

Left unit is a special order part. Please contact us to order.



**2 1/2" INLET & 2" OUTLET HOME-BUILDERS CABIN HEAT BOX**

This box is identical to the deluxe stainless steel cabin heat box, except that the inlet is 2 1/2" OD so that it can be used on larger heat muff applications where the builder is using 2 1/2" scat tubing. This box is currently being used on the MICCO certified aircraft. Weight is 7.2 ounces.

P/N 08-04013 .....

## SIDE INTAKE HOMEBUILDERS CABIN HEAT BOX



P/N DL-015 - This box is identical to the standard cabin heat box, P/N DL-001, except that the air intake is parallel to the firewall rather than coming straight in from the heat muff. This gives the builder the option of running scat tube parallel to the firewall. Total weight is 5.2 ounces and has a 2" inlet/outlet port. Furnished with a flange gasket and four mounting rivets. Can also be bolted to firewall.

P/N 08-04957 .....

## GPL STAINLESS STEEL EXHAUST SPRING FOR 2 STROKES



Winding Length: 32mm • Overall Length: 64mm • Hook Distance: 75mm (2.95") • Wire Diameter: 2mm • O.D.: 16mm • Material: 304SS may be slightly magnetic • Number of Rolls: 9.5 • GPL Part Number: EXH-4S • Replaces Rotax Part Number 938-790  
P/N 08-12235 .....



**CESSNA RISER HALF CLAMP 0750161-25**

Cessna Riser Half Clamp 0750161-25, for Cessna 172R and 172S .....P/N 05-04890 .....



**AERONCA HEAT MUFF**

Aluminum muffs for models 7AC and 11AC exhaust stacks. Fit either left or right side.

P/N 05-08715 .....



**2" DIAMETER 90° TUBE**

This unit is designed to slide over the end of the 2" O.D. tube protruding from a cabin heat box that extends through the firewall. The short end of this unit is expanded to 2" I.D. Two stainless steel clamps are furnished with the unit. If you use scat tube, the 90° angle allows you to run the scat tube parallel to the firewall and away from undesirable areas (brake pedals, etc.) Constructed of seamless 6061T4 .028 wall tube.

Weight: 1.4 oz. ....P/N 08-00863 .....



**2" DIAMETER "Y" TUBE**

"Y" tube is designed to be used with the Homebuilders cabin heat box to make warm air available to 2 or more locations in the aircraft. Constructed of seamless 2024T6 tube, it weighs only 2 oz. These tubes are expanded to 2" I.D. on the inlet end to slip over and clamp to the 2" O.D. tube of the cabin heat box. Due to the very light weight, "Y" tubes can be installed in scat tubing as well as attaching directly to cabin heat boxes. One stainless steel clamp is included with "Y" tube. Due to the light weight of only 1.7 oz., the non-expanded Y-tube can be placed anywhere in a run of tubing to give more options for heating additional areas of the aircraft. Furnished w/2 stainless steel hose clamps.

Standard "Y" tube .....P/N 08-04100 .....

Non-expanded "Y" tube .....P/N 08-04130 .....



**IN-LINE HEATER/DEFROSTER VALVE**

This in-line valve connects to 2" SCAT ducting. It comes complete with cable end and can be hooked up in any combination to direct air to either heater outlets or defrost outlets. Actuating lever is adjustable to any position. Very popular on RV's & other homebuilt aircraft .....P/N 08-00053 .....



**CESSNA TYPE HEAT MUFF**

Heli-arc welded aluminum muff with rust-proof stainless steel fins for clamping to stack. Similar in design to the new Cessna type. Furnished with attaching clamps.

w/2" Outlet .....P/N 08-02400 .....

w/2.5" Outlet ...P/N 08-02500 .....

## THERMO-TEC STAINLESS STEEL CLAMP-ON HEAT SHIELDS



Stainless Steel Clamp-On Heat Shield incorporates Thermo-Tec proprietary coating technology. The new and improved flexible Stainless Steel Clamp-On Heat Shield blocks over 95% of the damaging radiant heat of the exhaust. The Stainless Steel construction of this heat shield provides the ultimate in protection.

Comes complete with all clamps and new stainless stand offs. Easily installs in minutes.

1 ft. x 6 in. ....P/N 08-13904 .....

2 ft. x 6 in. ....P/N 08-13905 .....