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**FILTER  
SEPARATOR  
ACCESSORIES**

**BULLETIN 52  
(3-14)**

## AIR ELIMINATORS



There is no question in our opinion: these are the most reliable air eliminators money can buy. Stainless steel float and mechanism, Viton A seal, 3/4" NPT in and out. (1/2" on special order), 1/16" air outlet orifice operates up to 208 psi. Air release rate at 150 psi is 6.04 cfm. Larger orifice sizes: 3 available on special order but operating pressures decrease. Structural pressure rating is 250 psi on all models. Repairable replacement parts are available.

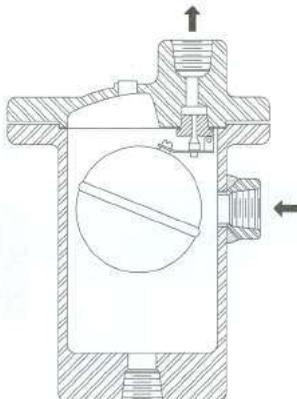
**GTP-21A**     Aluminum body  
**GTP-21C**     Cast iron body



### **STAINLESS STEEL MODEL - High Air Flow**

Non-repairable. At 150 psi, releases air at 9.44 cfm. Maximum operation pressure 400 psi. Structural pressure rating 500 psi.

**GTP-11-400**



### **FORGED STEEL MODEL - High Pressure**

Repairable - replacement parts available. Structural pressure rating and maximum operating pressure 600 psi with 1/16" orifice, release air at 22.6 cfm at 600 psi. With 1/8" orifice, air flow rate is 27.8 cfm at 170 psi. Connections 3/4" NPT.

**GTP-21S**

**CHECK VALVES - Prevents drain-back  
TO BE INSTALLED ABOVE THE AIR ELIMINATOR  
VITON SEAL - ALL STAINLESS STEEL**

This small item offers possibly your greatest protection against *BIG TROUBLE!* It prevents entry of air to the filter vessel through the air eliminator when main piping check valves leak or the vessel level is reduced. It actually ensures that the vessel remains full of fuel and prevents fuel pressure surging that damages elements.

Air carries micro-organisms that grow to contaminate fuel system filter and tank sumps. *ALSO*, without air, there can be no internal fires in filter separators. When a pump forces fuel through a coalescer into an empty filter separator, every requirement for fire is present - oxygen, fuel spray, and high energy static charges. The check valve helps to keep the vessel full of fuel.



<a href="#"><u>GTP-8982</u></a>	1/2" NPT
<a href="#"><u>GTP-8982-1</u></a>	1/2" BSP
<a href="#"><u>GTP-2916-10</u></a>	3/4" NPT
<a href="#"><u>GTP-2916-11</u></a>	3/4" BSP
<a href="#"><u>GTP-2916-21</u></a>	3/4" NPT x 3/4" BSP

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**PRESSURE RELIEF VALVES**

Relieves excess pressure caused by thermal expansion of the fuel

BE SURE TO SPECIFY RELIEF PRESSURE SETTING



[GTP-803S](#)

Certified, steel, available settings from 15-3500 psi  
3/4" male x 1" female



[GTP-803B-1](#)

Bronze, available settings from 5 to 300 psi, non-certified.  
3/4" male x 3/4" female



[GTP-1357V](#)

Bronze, available settings from 75 to 200 psi, non-certified.  
3/4" male x 3/4" female.

**NOTE:** 150 psi is our standard pressure relief valve setting. Other settings are special order and are non-returnable.