



Made in the U.S.A.

TURBO-FLO LE

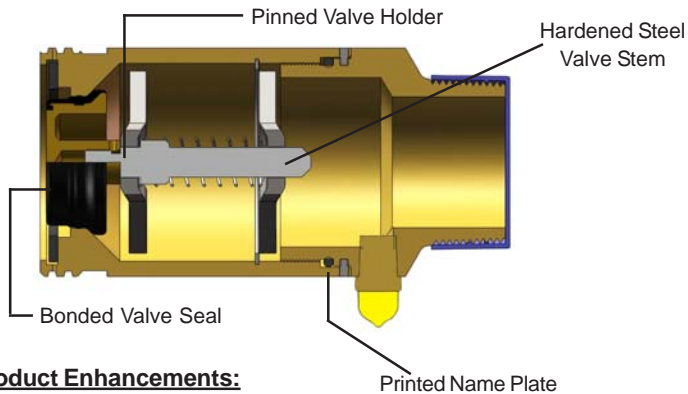
ME868-16 SERIES LOW EMISSION ACME ADAPTER

PRODUCT UPDATE BULLETIN

This Product Update Bulletin Covers Enhancements to the Following **TURBO-FLO LE** Low Emission Acme End Valve:

| Low Emission Acme Adapters | | | |
|----------------------------|---|-------------------------|----------|
| Part No. | Description | Discharge at Disconnect | Material |
| ME868-16 | Low Emission Acme Adapter 2" MNPT x 3-1/4" M. Acme | 3.11 CC | Brass |
| ME868A-16 | Low Emission Acme Adapter 2" MNPT x 3-1/4" M. Acme with Filter Screen | 3.11 CC | Brass |
| ME868-24 | Low Emission Acme Adapter 3" MNPT x 3-1/4" M. Acme | 3.11 CC | Brass |
| ME868A-24 | Low Emission Acme Adapter 3" MNPT x 3-1/4" M. Acme with Filter Screen | 3.11 CC | Brass |

Marshall Excelsior has made five enhancements to these product models based on customer feedback from the initial launch of this product line. While the original design was listed to the stringent requirements of UL 125, Marshall Excelsior is committed to continuous product improvements that exceed the listing requirements and provide our customers with the product quality you have come to expect. We value the input from our customers and these product improvements are a direct response in our ongoing effort to provide you with the best service and quality possible.



Patent Pending



Product Enhancements:

• **Revised Internal Seat:**

We have redesigned the internal seat geometry to eliminate premature opening of the backcheck due to mechanical interference during connection of the transfer valve.

• **Bonded Valve Seal:**

We have revised the valve seal by replacing the O Ring with a permanently bonded nitrile seal compound. This custom molded seal provides two sealing surfaces to maximize the backcheck seal integrity during use in cold temperatures or low back pressure situations.

• **Hardened Steel Valve Stem:**

To increase product durability and decrease wear, we have replaced the brass valve stem with a hardened steel version. This new valve stem incorporates a zinc plating process with yellow dichromate for maximum corrosion resistance, while the heat treatment provides dramatically increased wear resistance to dynamic and rotational loads.

• **Pinned Valve Holder:**

We have redesigned the joint between the valve holder and valve stem to accept a drive pin, to ensure rotational loads on the valve members do not loosen the valve holder from the stem. The pinning process permanently locks this joint to ensure maximum durability and product integrity.

• **Product Nameplate:**

We have added a product nameplate to the barrel of the **TURBO-FLO LE** Acme adapters. This nameplate allows the product information to be shown in a clear fashion to maximize visibility to the user.



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