



News Letter

“NEW Relief Valve Design”

Ex px MotorPurge Systems

APRIL - 2009



NEW MotorPurge CLAPS Relief Valve (RLV)

‘D’ Series of Ex px Motor Systems

New Design Relief Valve May 2009

ALL orders for the MiniPurge™ ‘D’ Series of MotorPurge Systems will be supplied with the new design of Relief Valve (RLV):

What impact will the New RLV have on:

- + **Engineering:** Will an engineering drawing change be required? **No.** All dimensions remain the same as the previous design.
- + **Purchasing:** Does the Model or Price Change? **No.**

What changes have been made?

- + The RLV Unit has the RLV adjustable magnet assembly installed inside the RLV housing and no longer protrudes from the rear of the RLV.
- + The Interchangeable Orifice Plates located in the RLV housing are now installed at the Outlet Valve and not at the Spark Arrestor. This allows a greater flow rate with less back pressure should the actual RLV need to be operated in a fault condition.

Ex px MotorPurge Systems IECEX & ATEX Certified

- + Full line of IECEX & ATEX Ex p Purge & Pressurize Systems for Motors
- + All the advantages and features previously available
- + CLAPS (Closed Loop Automatic Pressurization System) is fully automatic and controls the pressure in the machine during and after start-up.
- + Simple pneumatic logic using the same compressed air supply for the Purging as the Logic.
- + No electronic programming required
- + Only metallic pipe required between the MiniPurge™ Control Unit and the Relief Valve. No special wiring required
- + No hidden extra such as main air supply Filter / Regulator which are supplied as standard
- + MiniPurge™ Control Unit and Relief Valve housings made from 316 Stainless Steel as standard
- + IECEX & ATEX to IEC / EN 60079-2 Ex p
- + IECEX & ATEX to IEC 61241-4 Ex pD

“The Purge + Pressurizing Specialists”

9140 Ravenna Road, Unit #3
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Expo Technologies

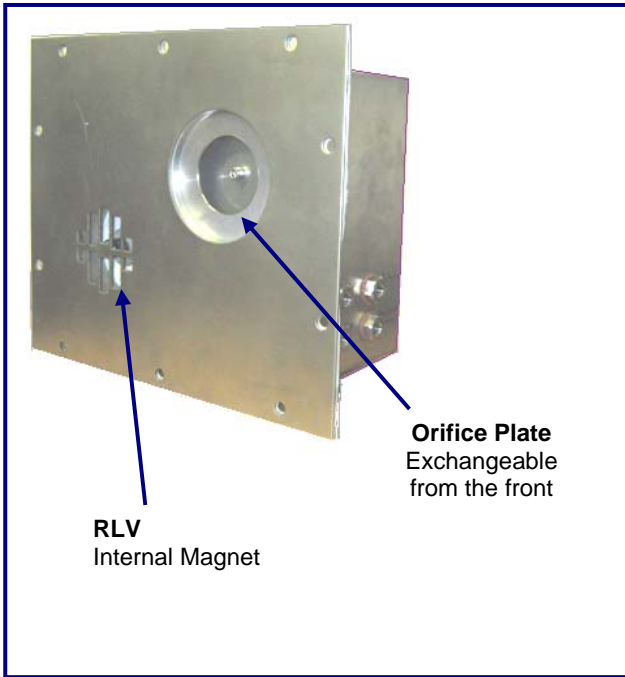
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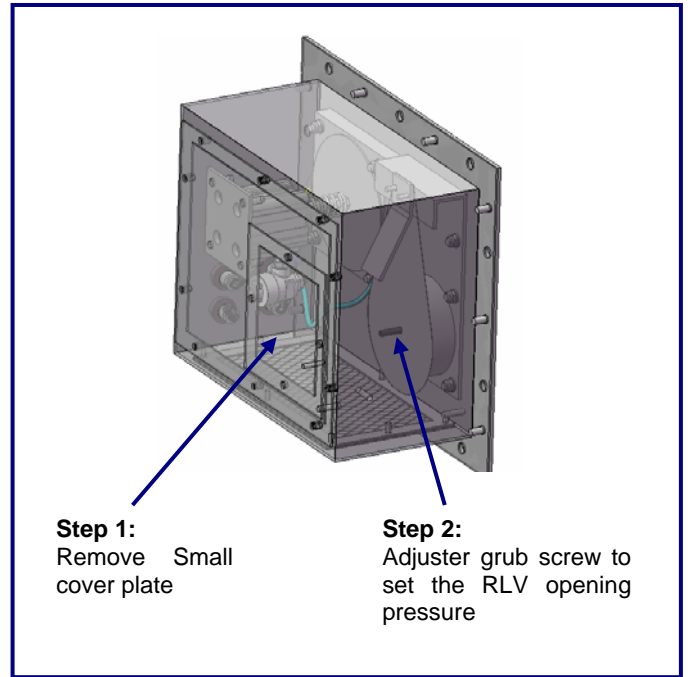


ATEX

+ **Rear View of RLV104/D758**

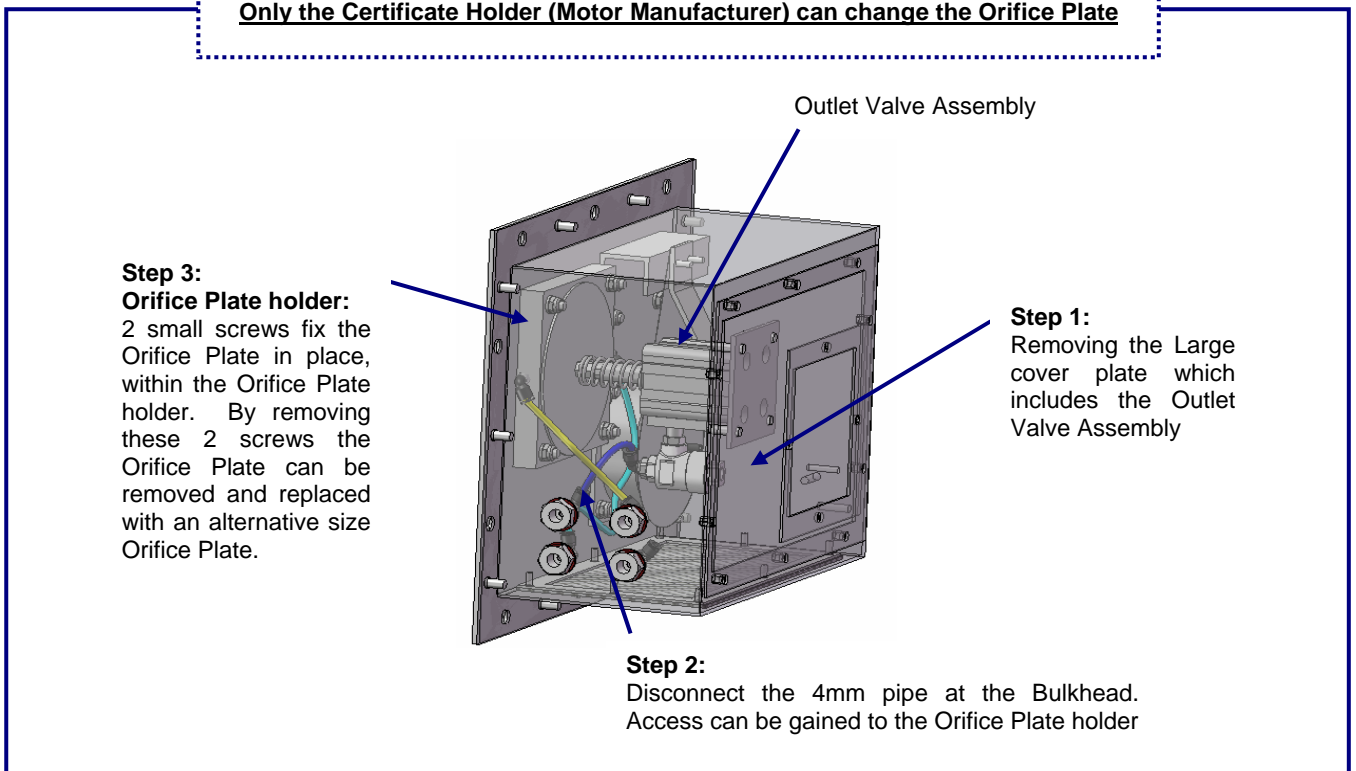


+ **Adjustable RLV Setting**



+ **Interchangeable Orifice Plates**

Only the Certificate Holder (Motor Manufacturer) can change the Orifice Plate



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