

# Reflux splitter

Constant reflux ratio under any  
and all operating conditions

Montz reflux splitters are an important element in rectifying columns. They ensure a permanent and perfect control of reflux and draw-off. Reflux splitters are available for the following flows, matched to different feed volumes.

PTG- 1000 for 1000 l/h,  
PTG- 3000 for 3000 l/h,  
PTG- 5000 for 5000 l/h,  
PTG- 12000 for 12000 l/h,

PTG- 15000 for 15000 l/h,  
PTG- 20000 for 20000 l/h,  
PTG- 50000 for 50000 l/h.

Other sizes upon request.

Reflux splitters operate according to the following principle: they consist of a casing which is subdivided into three chambers. The feed chamber is located at the top, from where the liquid is directed into the reflux or pass-out chamber depending on the position of the dividing body. The dividing body is actuated by means of a magnetic coupling which allows a pressure and vacuum-tight design. The exterior drive is effected by a pneumatic rotary motor.

All parts which make contact with the product are made of or lined with corrosion-proof materials to ensure a consistent high quality even with a longer period of operation.

**Special designs:**

- parts in contact with the products of tantalum, zirconium, etc.,
- casing of steel/enamel
- heated casing

