

# la marzocco technical bulletin #155

## SMA Vacuum Breaker B.2.029

June 26, 2019

La Marzocco has introduced a new vacuum breaker (anti-vacuum valve) on the steam boiler of the KB90, Leva and Strada. This new vacuum breaker uses a shape memory alloy (SMA) spring which changes shape dependent on the temperature. When the appropriate temperature is reached, the spring changes shape causing the valve to seal.

The new SMA vacuum breaker has a significantly longer lifespan in comparison to the classic vacuum breaker. Additionally since its functionality does not depend on gravity, it can be placed either vertically or horizontally. The new SMA vacuum breaker was introduced starting with the following serial numbers:

KB90	KB00001
Leva	LV000420
Strada	ST005891

It is not recommended to retrofit the new SMA vacuum breaker into machines other than the KB90, Leva and Strada. No tests have been made on other models. As the mechanism for sealing is driven by temperature, the distance from the boiler and the connection components, this may cause the vacuum breaker to perform incorrectly.

The new SMA vacuum breaker is now available to order using part number B.2.029.

Do not hesitate to contact our solutions team with any questions you have about this technical bulletin.

[solutions.usa@lamarzocco.com](mailto:solutions.usa@lamarzocco.com)

206.706.9104 x101

