

BPR-VB

**TESTING UNIT FOR
VACUUM-BREAKER**

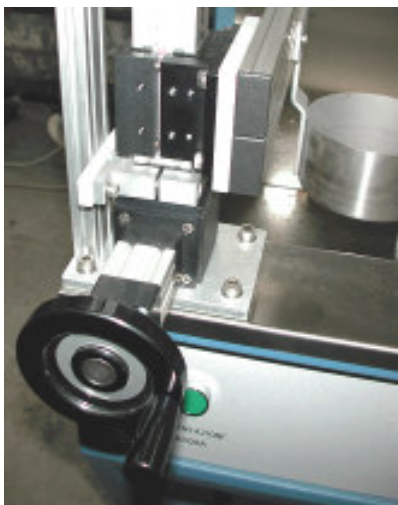


Application:

Test for static sealing and performance of vacuum-breaker devices installed on cocks

BPR-VB

TESTING UNIT FOR VACUUM-BREAKER



APPLICATION

Test for static sealing and performance of vacuum-breaker devices installed on cocks

TEST EXECUTION METHOD

TEST FOR STATIC SEALING ON BACK PRESSURE.

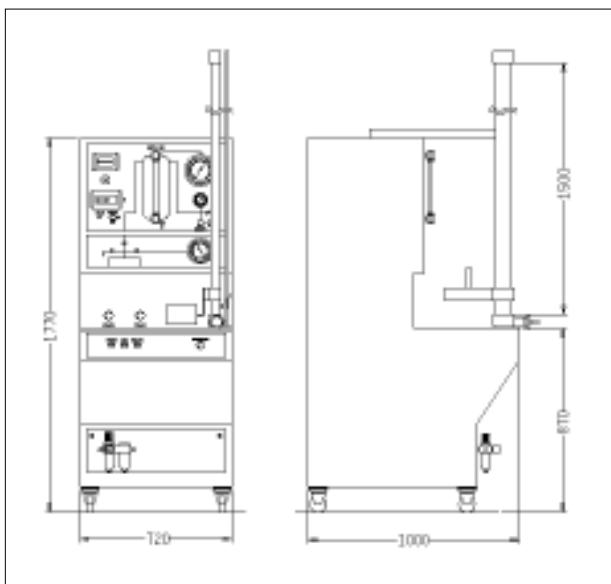
This test is carried out as follows: let the water run in the shower connected to the cock, then close the water and lift the end part of the shower in order to check the vacuum-breaker device under static pressure for sealing (static pressure is equal to the height of the water column contained in the shower tube).

According to the standards, the test has to be carried out at different heights that can be changed using the rack lifting device on the bench.

TEST FOR VACUUM-BREAKER OPENING WHEN THE SIPHON IS VOIDED DUE TO LACK OF WATER WITH OPEN COCK

The test is carried out as follows: the cock undergoes a water delivery cycle and then a suction cycle at different vacuum values which can be varied using a high precision adjuster and read on a sample vacuum measurement device simulating-in such a way- the depressurisation due to a voiding of the power line. A transparent tube is mounted on the end part of the shower. It is plunged into a water basin at the same level of the cock. In case of a pressure drop, the vacuum-breaker device provides air to the plant and prevents the water to be sucked in the plant.

The right working of the device is indicated by the water level in the transparent tube.



TECHNICAL DATA

- P.L.C. to check the automatic sequence of test and voiding
- Adjustable vacuum field $0 \div 700$ mm Hg.
- High precision vacuum measurement devices accuracy $\pm 0,25\%$
- Lifting device $0 \div 1500$ mm
- Water feed from network
- Electric power 230 v. 50 HZ
- Installed power 2 Kw.
- Pneumatic power 6 bar
- Size of metal structure 720x1000x1770 mm
- Max. size (about) 720x1000x2400 mm
- Weight (about) 150 KG.

Specifications may change without notice



ISO 9001
CERT. N° 9115 GIU1



GIUSSANI S.r.l.

Via dei Crederi, 411
24045 Fara Gera d'Adda (BG) - Italy
Tel. 0363/399019 - Fax 0363/398725
www.giussanionline.it
e-mail info@giussanionline.it



CERTIFICATION

All instruments have got a testing, stability and precision certification with reference to primary SIT samples

A QUESTION OF CALIBRATION