

DESCRIPTION OF THE COMPARATIVE TABLES OF TESTS DESCRIZIONE TABELLE COMPARATIVE PROVE

Giussani test benches are designed to check and test components of sanitary taps and hydraulic devices in general, according to the procedures imposed by the main international Standards.

Depending on the type of test and the device to be tested, the Aq2TB software guides the user in the choice of all the significant parameters characterizing the test itself.

The attached tables contains a summary description of the main tests with:

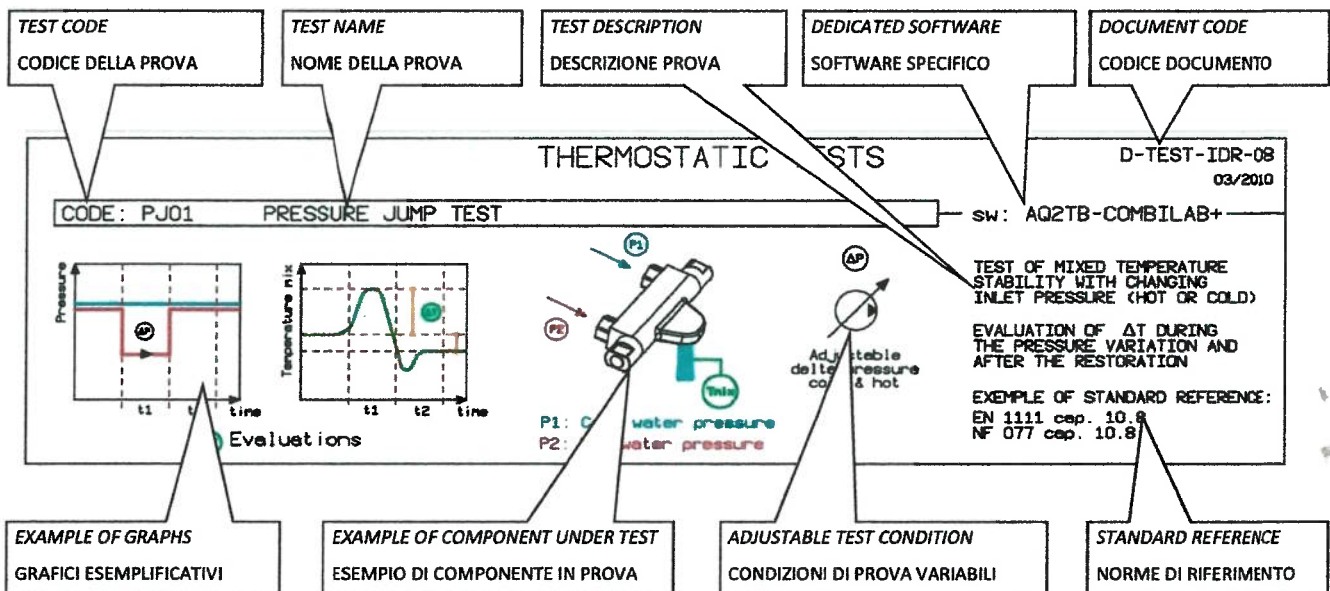
- *The graphical representation of the physical quantities measured.*
- *The example drawing of the installation of the device under test.*
- *The base operative range and the maximum achievable performance for each test bench.*
- *The main reference Standards.*

I banchi prova Giussani sono realizzati per testare e collaudare componenti di **rubinetteria idrosanitaria** e componenti idraulici in genere, secondo le procedure imposte dalle principali Norme di settore.

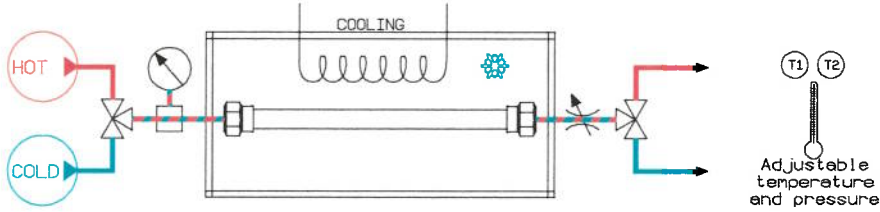
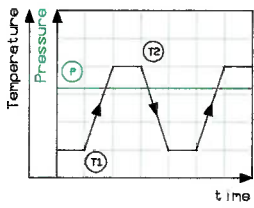
In funzione del tipo di prova e del componente da testare, il software Aq2TB guida l'utente nella scelta di tutti i parametri significativi che caratterizzano la prova stessa.

- Le tabelle allegate contengono una descrizione sintetica delle principali prove con:
- La rappresentazione grafica delle grandezze misurate.
- Lo schizzo esemplificativo dell'installazione del componente.
- I campi operativi delle versioni base e le prestazioni massime raggiungibili.
- Le principali Norme di riferimento.

EXPLANATION OF TESTS SPIEGAZIONE PROVE

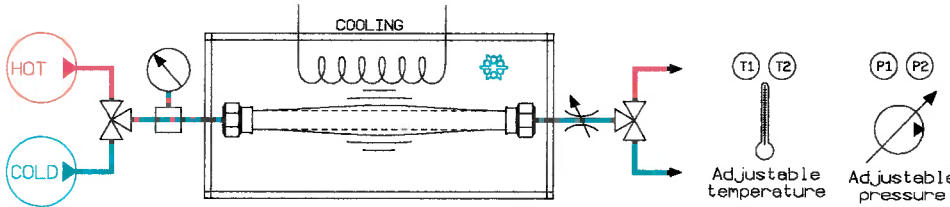
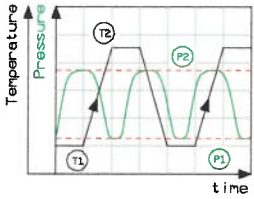


CODE: TC01 THERMAL CYCLE TEST EN 12293 sw: AQ2TB-EN12293



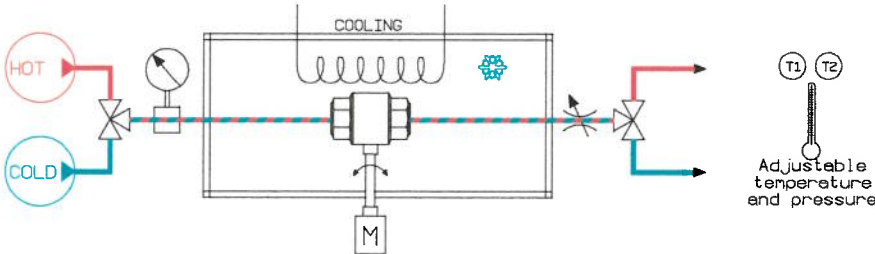
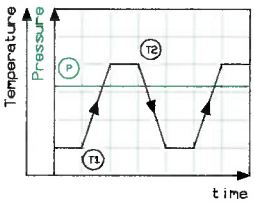
TEST RANGE
PRESSURE: 1 - 14 bar
TEMPERATURE: 10 - 95 °C
FLOW: 2 - 50 L/min

CODE: P03-TC CYCLING PRESSURE + THERMAL CYCLE TEST sw: AQ2TB-CYCLEAUT



TEST RANGE
PRESSURE: 1 - 14 bar
TEMPERATURE: 10 - 95 °C
FLOW: 2 - 50 L/min

CODE: TC03 THERMAL CYCLE & ENDURANCE TEST sw: AQ2TB-LVALVE

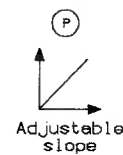
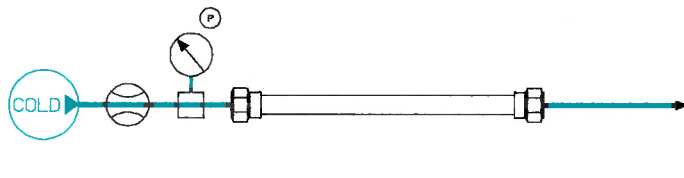
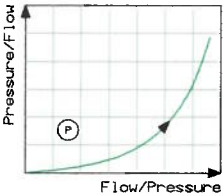


TEST RANGE
PRESSURE: 1 - 14 bar
TEMPERATURE: 10 - 95 °C
FLOW: 2 - 50 L/min
SPEED: 10 - 180 °/s
TORQUE: 2 - 80 Nm

EXAMPLE OF STANDARD REFERENCE
EN 13828 chap. 7.6

FLOW RATE TESTS

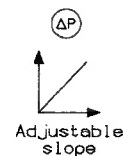
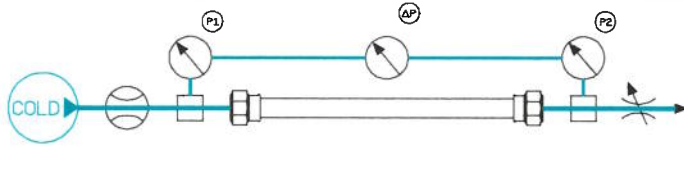
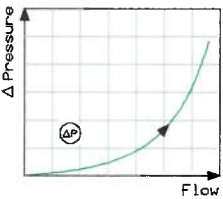
CODE: F01 FLOW RATE AT DIFFERENT PRESSURE sw: AQ2TB-FLOW-LIN



PRESSURE OPERATING RANGE
BASE MODEL: 1 - 10 bar
EXTENSION TO: 14 bar

FLOW RATE OPERATING RANGE
BASE MODEL: 1 - 100 L/min
EXTENSION TO: 250 - 600 L/min

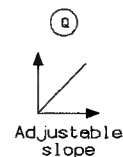
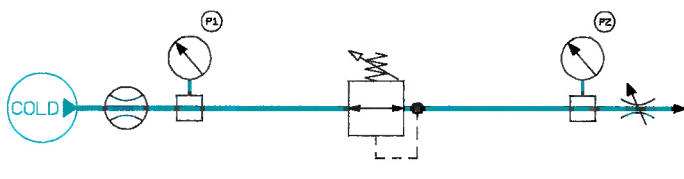
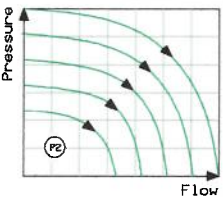
CODE: F02 ΔPRESSURE AT DIFFERENT FLOW RATE - Kv CALCULATION sw: AQ2TB-KV-LAB



PRESSURE OPERATING RANGE
SUPPLY PRESSURE: 1 - 10 bar
ΔP PRESSURE: 0 - 2 bar

FLOW RATE OPERATING RANGE
BASE MODEL: 1 - 100 L/min
EXTENSION TO: 250 - 600 L/min

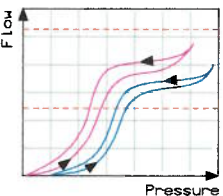
CODE: F03 PRESSURE AT DIFFERENT FLOW RATE sw: AQ2TB-P-FLOW



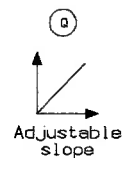
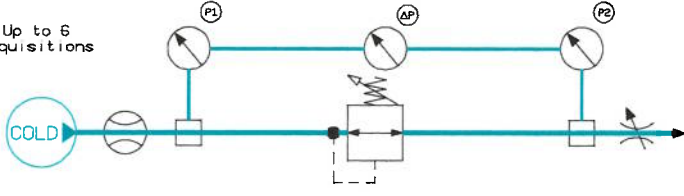
PRESSURE OPERATING RANGE
SUPPLY PRESSURE: 1 - 9 bar
ΔP PRESSURE: 0 - 8 bar

FLOW RATE OPERATING RANGE
BASE MODEL: 1 - 100 L/min
EXTENSION TO: 250 - 600 L/min

CODE: F04 FLOW RATE AT DIFFERENT ΔPRESSURE sw: AQ2TB-FLOW-DP



Up to 6 acquisitions



PRESSURE OPERATING RANGE
SUPPLY PRESSURE: 1 - 9 bar
ΔP PRESSURE: 0 - 8 bar

FLOW RATE OPERATING RANGE
BASE MODEL: 1 - 100 L/min
EXTENSION TO: 250 - 600 L/min