



## HARRON® VALVE

COMBINED PRESSURE REDUCING VALVE  
& THERMAL BALANCING VALVE

- TREG200001 Duo combi PRV/TBV, 1/2"
- TREG200002 Duo combi PRV/TBV, 3/4"

### OVERVIEW

A combination valve featuring a cartridge design pressure reducing valve and thermal balancing valve. This all in one design reduces leak potential and saves installation time. Used on circulating hot water systems, the valve reduces water pressure and balances the system by regulating the flow within it depending on the temperature. The valve is for use in hot water applications and incorporates a built in disinfection function to protect against Legionella. The Harron valve reduces design complexity and avoids installation errors.



WATER CONTROLS FOR A MODERN WORLD

**RELIANCE**

TEMPERATURE  
CONTROL

FLOW  
CONTROL

HEATING SYSTEM  
COMPONENTS

WASHROOM  
SYSTEMS

HEATING & COOLING  
DISTRIBUTION SYSTEMS

PLUMBING  
SYSTEMS

# HARRON® VALVE

## FEATURES AND BENEFITS

- Reduced leakage potential and easy maintenance, saving cost
- Supplied pre-insulated further reducing time and cost
- Easy temperature adjustment between 40-65°C and tamper-proof cap
- Built-in disinfection function to protect against legionella
- Dry-fit thermometer – no need to drain
- Ensures PRV is fitted in correct place, prevents installer error

## MATERIALS

Body:	DZR Brass
Internal Components:	DZR Brass
Seals:	Viton & NBR elastomer
Spring:	Stainless Steel
Strainer:	Stainless Steel
Diaphragm:	NBR elastomer nylon mesh
Cover:	Glass filled nylon polymer
Insulation:	Polyethylene

## SPECIFICATIONS

Temperature set range:	40-65°C
Factory pre-set temperature:	58°C
Temp. Range for thermal disinfection:	>70°C
Maximum working pressure:	16 bar
Maximum working temperature:	85°C
Adjustable set pressure:	1.5-5.5 bar
Pressure reduction ratio:	10:1
Accuracy:	+/- 2°C
Connection size: TREG200001:	1/2"
TREG200002:	3/4"

## SPARES

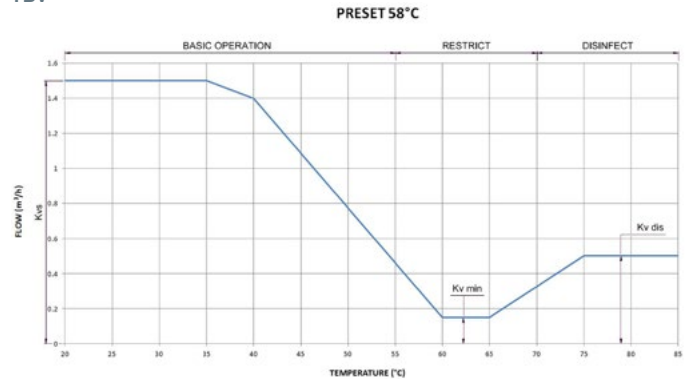
Spare temperature gauge:	GAGE100060
Spare pressure gauge:	GAGE250017
Spare one piece cartridge:	REDC320002
Spare 1/2" insulation case:	INSU200001
Spare 3/4" insulation case:	INSU200002
Service kit for TBV:	SKIT100060

## STANDARDS AND APPROVALS

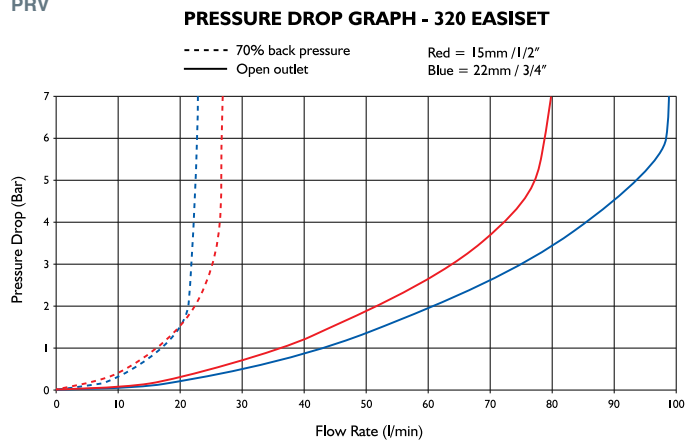
- BSEN 1567
- WRAS Approved

## FLOW RATES

TBV



PRV



## DIMENSIONS

All measurements in mm unless otherwise stated.

