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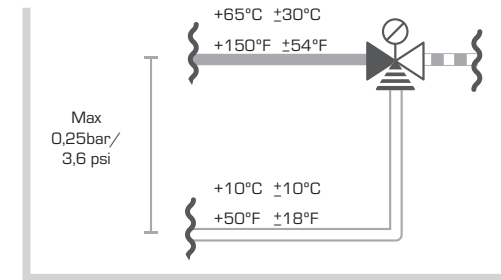
Mtrl.nr: 98141040 • Ritn.nr: 9309 vers C • Rev. 20 08



CE  
PED 2014/68/EU, article 4.3

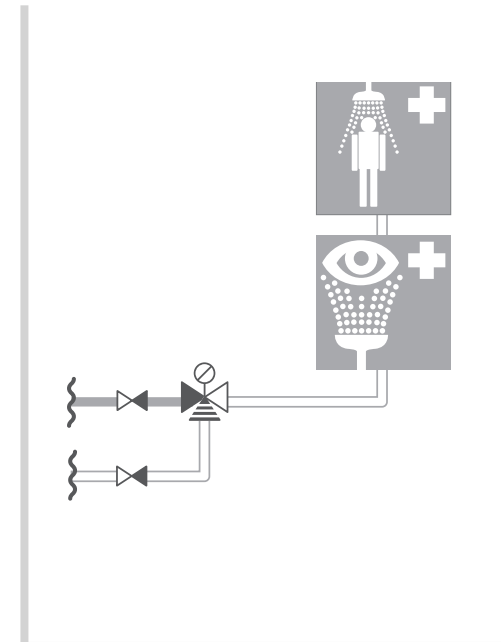
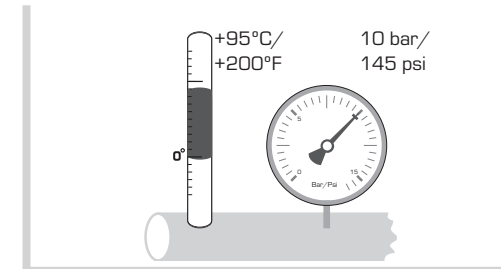


### RECOMMENDED TEMPERATURES



### RECOMMENDED PRESSURE 3 BAR/43 psi

Min 2,4 bar/ 35 psi  
Max 10 bar/ 145 psi



## THERMOSTATIC EMERGENCY MIXING VALVE (TEMV)

### APPLICATION

The thermostatic emergency mixing valves (TEMV) is dedicated for eye washers and body showers for water temperature control (fig. A)

### MEDIA

The valve is intended to work with water.

### INSTALLATION

All work must be performed by qualified personnel and in accordance with applicable codes and ordinances.

Flush the pipes clean, shut off water supply and drain the pipes.

When connecting the TEMV, please follow the general directions outlined in Fig A, and pay special attention to:

- the recommended use of shut-off valves (Fig B)
- installing the valve in a correct manner to avoid damage (Fig. C)

After installation, deposit this leaflet with the owner of the valve for future reference.

### FUNCTION

The valve is delivered with flexible temperature which ensures the right temperature at the distribution point as well provides a safety function against undesired temperature settings changes. Anti-scalding function is a safety function which secures the users against the scalding. The anti- scalding function is released in case of hot water uncontrolled temperature overshooting or in case of the cold water failure.

The valve provides a feature of continuously supply of water in case of hot water failure (e.g. hot water is cutoff). The function is released if the differential pressure between the cold and hot water exceeded 0,5bar/7,3 psi. In this case cold water will be distributed to the device.

### TEMPERATURE ADJUSTMENT

To set the mixed water temperature, follow the steps described in Fig. D1-D5. Make sure to verify the set temperature by measuring the water temperature at the tap closest to the valve.

The temperature should be checked annually to ensure that the setting of the valve is correct.

### SERVICE AND MAINTENANCE

Under normal conditions maintenance will not be required. If, however, it should prove necessary, the gasket (O-rings), the sensing element and the valve plug are easily replaced. See fig. E for replacement part details.

**NOTE! Before dismantling the valve the water supply should be shut off. Where the valve is fitted below the calorifier this should be drained first.**

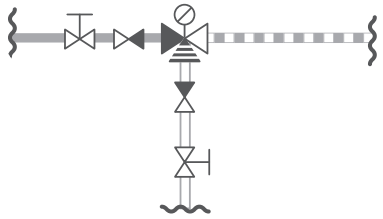
Hard water conditions may result in scale deposits causing sticking of internal parts in extreme cases. Cleaning the internal parts will usually restore the valve to proper operating conditions.

It may be necessary also to clean the seat and/or to exchange the thermostat.

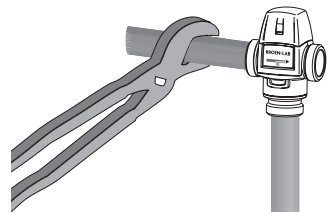
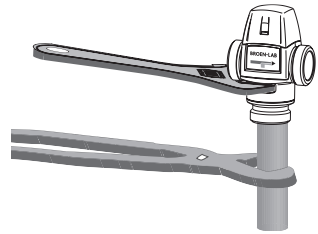
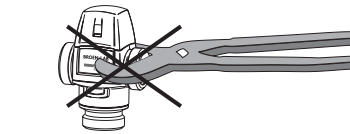
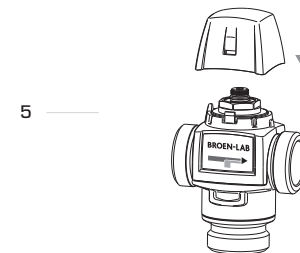
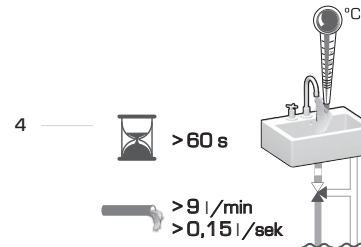
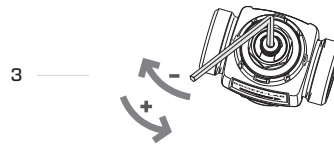
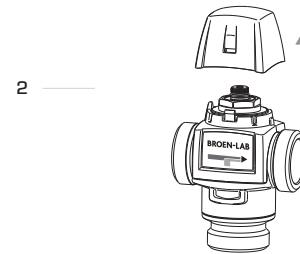
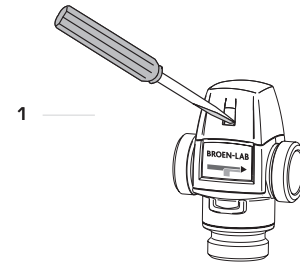
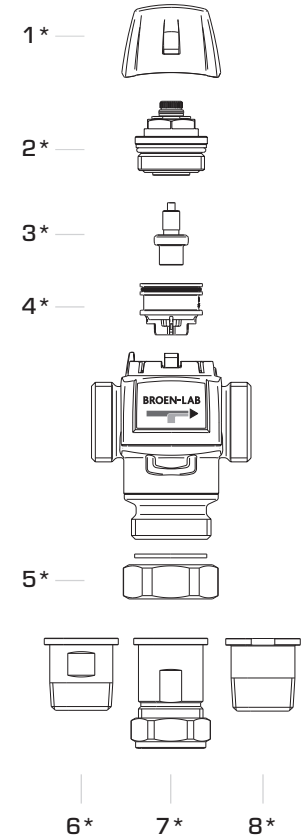
To clean and/or restore the valve, shut off the water and:

1. Remove the cap and the parts 2–4. (Fig. E)
2. Remove carefully all scaling (calcium deposits) or foreign particles from all internal parts.
3. When necessary remove and clean the seat assembly in the same way.
4. Assemble the valve.  
Only silicone grease is allowed to be used.

**NOTE! The thermostatic emergency mixing valves (TEMV) provide cold water even under case of hot water failure.**

**B**

Piping Schematics are General Representations

**C****D****E**

#### REPAIR KIT

*PART	ART. NR	DESCRIPTION
1	1760016	Protection cap
2-4	1760017	Complete thermostatic cartridge
5	1760018	G 1 1/4" Union nut incl. flat seal x 3 pcs.
6	1760019	R 1" nipple x 3 pcs. plus check valve x 2 pcs.
7	1760020	Compression 28 mm x 3 pcs. plus check valve x 2 pcs.
8	1760021	NPT 1" nipple x 3 pcs. plus check valve x 2 pcs.