

# PROTECTION AGAINST BOILER CORROSION AND FOULING

## Uninsulated Load Units



### REGOMAT G

#### Load unit with thermostatic mixing

REGOMAT G load unit mixes cool return water from a heating system with hot water from a boiler, keeping boiler return water at a given min. temperature (depending on the thermostatic element opening temperature).

**The load unit consists of:**

Grundfos circulation pump incl. connection cable

Thermostatic mixing valve

It contains a high-efficiency Grundfos UPM3 FLEX AS 25-70 circulation pump and a TSV3B load valve with a 45 °C, 55 °C or 65°C opening temperature, with automatic by-pass balancing, permitting to replace the thermostatic element without removing the valve from the system.

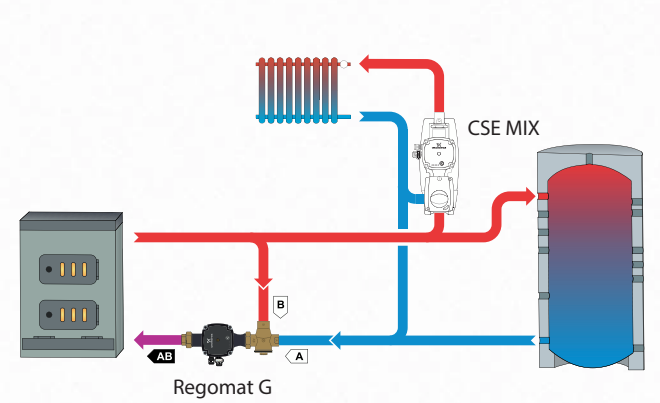
### Technical Data

FLUID WORKING TEMPERATURE	2 - 95 °C
POWER SUPPLY	230 V, 50 Hz
CONNECTION	3 x F G1"
OPENING TEMPERATURE	45, 55, 65 °C
K <sub>vs</sub> OF THE VALVE (DIRECTION A→AB)	6.2 m³/h
K <sub>vs</sub> OF THE VALVE (DIRECTION B→AB)	4.4 m³/h

### Versions

Version	REGOMAT 45 G	REGOMAT 55 G	REGOMAT 65 G
Nominal outlet temperature	45 °C	55 °C	65 °C
Pump	Grundfos UPM3 FLEX AS 25-70		
Max. recommended boiler output	38 kW	37 kW	37 kW
Code	16380	16381	16382

### Connection in a system



### Dimensions

