

**Adjustable regulator 605 605 S**

**Description**

Central adjustable thermostatic temperature regulator for distribution of domestic hot water. It is fitted after the water tank or boiler when the internal temperature is greater than 60°C.

It is used to provide water at a given temperature from hot and cold water sources.

**Versions**

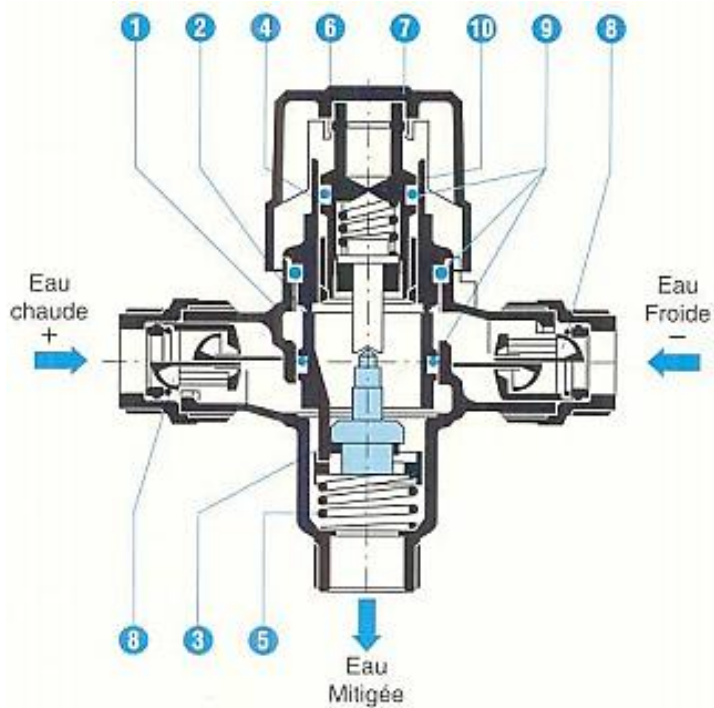
Connection	Male 3/4"
Temperature	40°C to 60°C 35°C to 55°C

**Advantages**

- Saves hot water
- Used to separate the temperature of stored hot water from that distributed
- Increases the volume of hot water distributed
- Low pressure drop permitting high flow rates
- Foolproof fitting
- Protected from contamination by non-return valve
- Lockable handle
- Can be fitted in all positions
- Long-lasting installation



## Design



1. Nickel-plated bronze body
2. Noryl valve 20% glass fibre
3. Thermal control unit
4. Stainless steel spring
5. Stainless steel compensation spring
6. Noryl operating stem 20% glass fibre
7. ABS hand knob
8. NF non-return valves
9. O-ring seals
10. Noryl head 20% glass fibre

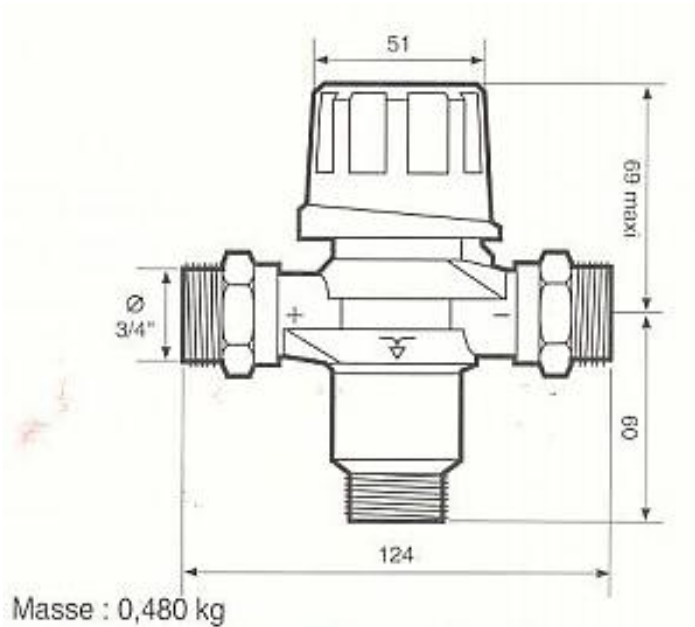
## Materials

Body:	Nickel-plated bronze
Head:	Noryl + Glass fibre (20%)
Operating stem:	Noryl + Glass fibre (20%)
Hand knob:	White ABS



## Specifications

Max pressure:	10 bar
Max temperature:	100°C
Output temperature:	605 → 40°C to 60°C; 605 S → 35°C to 55°C

**Dimensions**

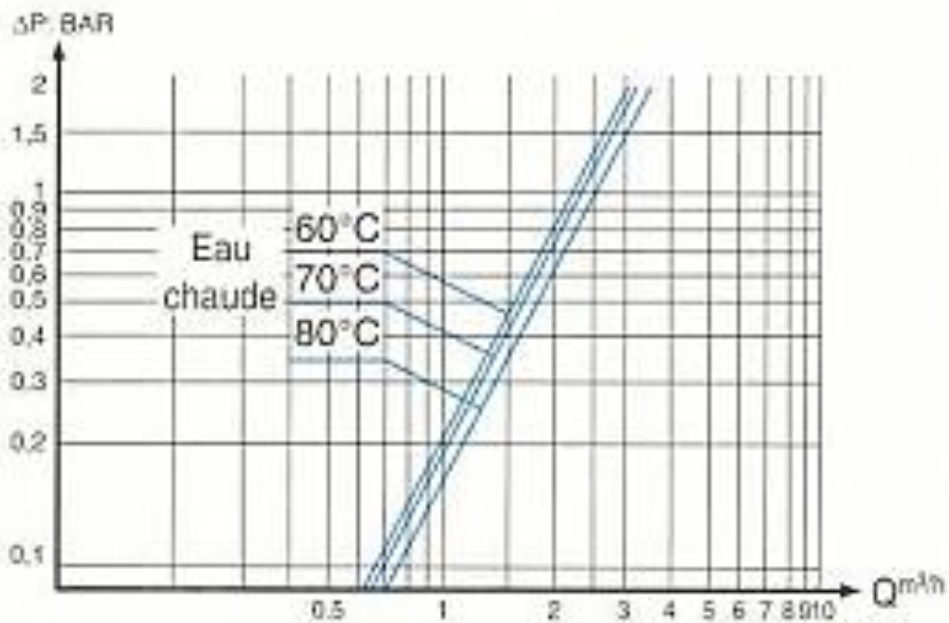


**Catalogue range**

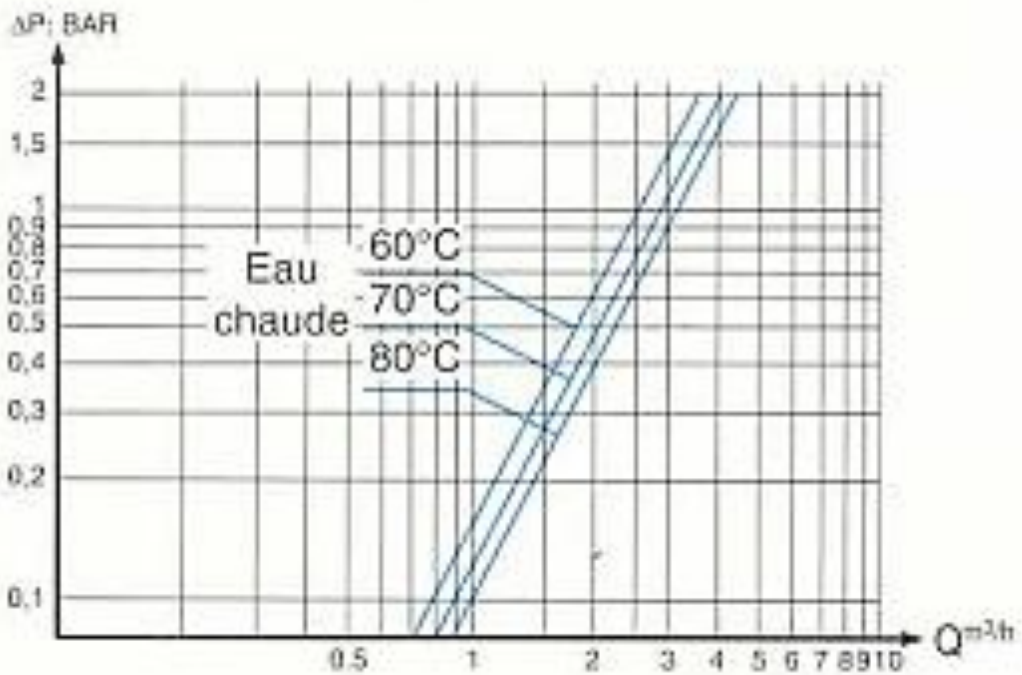
	Model	Temperature	Dimension	Code
	605	40°C-60°C	MMM 3/4"	605006
	605 S	35-55°C	MMM 3/4"	6050063

**Hydraulic characteristics**

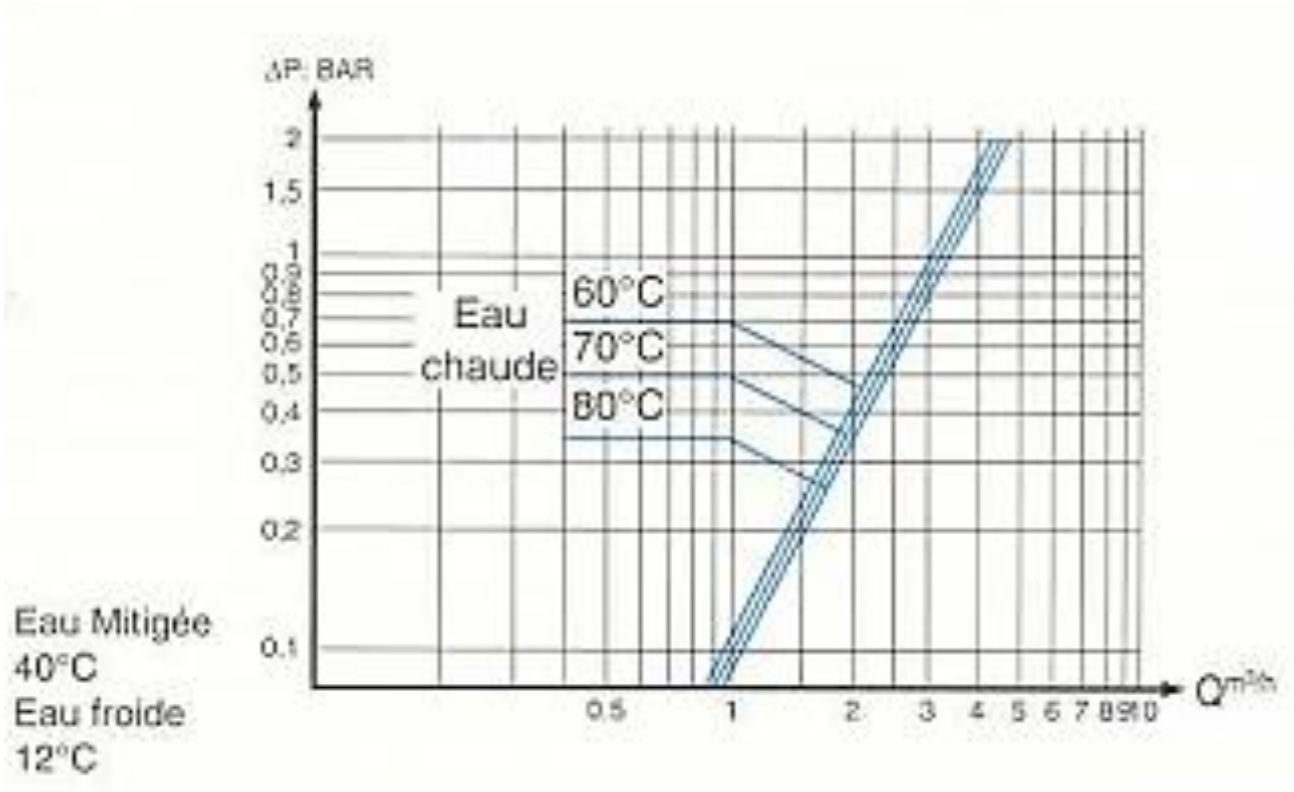
605 ø 3/4"



Eau Mitigée  
60°C  
Eau froide  
12°C



Eau Mitigée  
50°C  
Eau froide  
12°C



### Installation recommendations

- The recommended water supply pressure is between 2 and 5 bar, with a maximum flow velocity of 1.5 m/s.
- The regulator should be located just after the hot water generator.
- The cold water pressure should always be about 0.2 bar greater than the hot water pressure.

### Using the regulator

- Maximum 16 water outlets, given the simultaneity coefficients
- For non-residential applications: Max 4 showers (e.g. collective showers).
- It is often necessary to fit hot water regulators in parallel in order to use additional outlets.