



**SYR MIXING VALVE 705**

**Everything under control –  
reliable protection against scalding  
with the mixing valve 705**



**Efficient building services**

# Safe temperature control - the mixing valve 705 from SYR.

The low pressure thermostatic mixing valve offers accurate temperature control between the cold and hot water supply. It is designed to control the water temperature in domestic hot water systems including solar systems.

The device is designed as proportional mixing valve. The body is supplied with push-fit fittings on all sides. If the cold water supply is shut off, the valve will automatically stop the incoming hot water. As the body and internal parts are made of synthetic material, lime scale is reduced, thus improving the product's function.

The body and internal parts are made of glass fiber reinforced synthetic material or high quality synthetic material. The spring is made of corrosion resistant spring steel wire and the sealing elements of heat resistant elastomeric material.

Install the mixing valve in any mounting position. Thoroughly flush the pipes prior to installation. It is recommended to install a filter at the domestic point of entry to ensure durable and correct operation. Mount the device in the pipe without applying stresses. The cold water inlet is marked with "C" and the hot water inlet with "H".

- easy installation by means of push-fit fittings
- high temperature resistant synthetic material
- suitable for central mixing functions of domestic hot water and solar systems
- high pressure resistant

Contact us - we will be pleased to help you



Preset mixing valve  
for unpressurized systems



Adjustable mixing valve,  
pressure-resistant

## Technical data mixing valve 705 (preset)

|                              |                              |
|------------------------------|------------------------------|
| Connections                  | 15 mm                        |
| Mixing temperature           | 55°C                         |
| Inlet temperature warm water | 15°C - 90°C                  |
| Inlet temperature cold water | 5°C - 30°C                   |
| min. operating pressure      | 0,1 bar                      |
| max. operating pressure      | 6,0 bar                      |
| Operating range              | 0,3 - 1,5 bar                |
| Flow rate                    | 700l/h at $\Delta p$ 0,3 bar |
| max. flow rate               | 1500l/h                      |
| Serial Number                | 0705...                      |

## Technical data mixing valve 705 (adjustable)

|                              |                              |
|------------------------------|------------------------------|
| Connections                  | 22 mm                        |
| Mixing temperature           | 55°C                         |
| Inlet temperature warm water | 15°C - 90°C                  |
| Inlet temperature cold water | 5°C - 30°C                   |
| min. operating pressure      | 0,1 bar                      |
| max. operating pressure      | 6,0 bar                      |
| Operating range              | 0,3 - 6 bar                  |
| Flow rate                    | 700l/h at $\Delta p$ 0,3 bar |
| max. flow rate               | 1500l/h                      |
| Serial Number                | 0705...                      |

**QUALITY**  
  
Made in Germany

