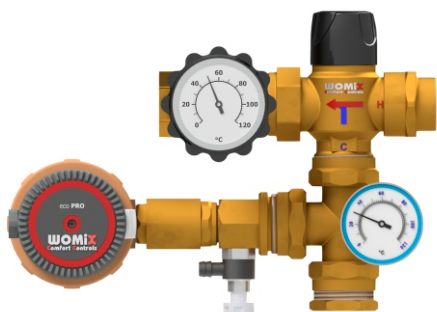


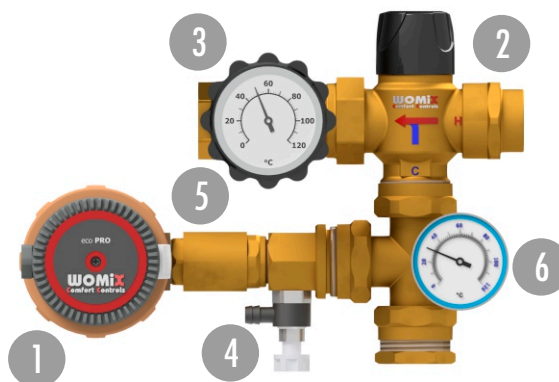
## Pump group for hot utility water circulation HW20



The HW20 pump group is intended for the implementation of a hot utility water circulation system in installations with a domestic hot water tank. Its design allows you to avoid incorrect installation of the domestic hot water circulation system. The HW20 group is equipped with a thermostatic mixing valve MIX THERM (35 ÷ 60 ° C), with a kvs flow of 3.4, a ball valve with a thermometer, a circulation pump with a check valve and a return water thermometer. The group can be used for containers equipped with a circulation pipe as well as for containers not equipped with it.

Type	Catalog number
Pump group for hot utility water circulation HW20	606750

1. Circulation pump WOMIX eco Pro.
2. MIX THERM 35-60 ° C thermostatic mixing valve
3. Ball valve with thermometer
4. Drain / vent valve
5. Check valve
6. Bimetallic thermometer



### Technical data:

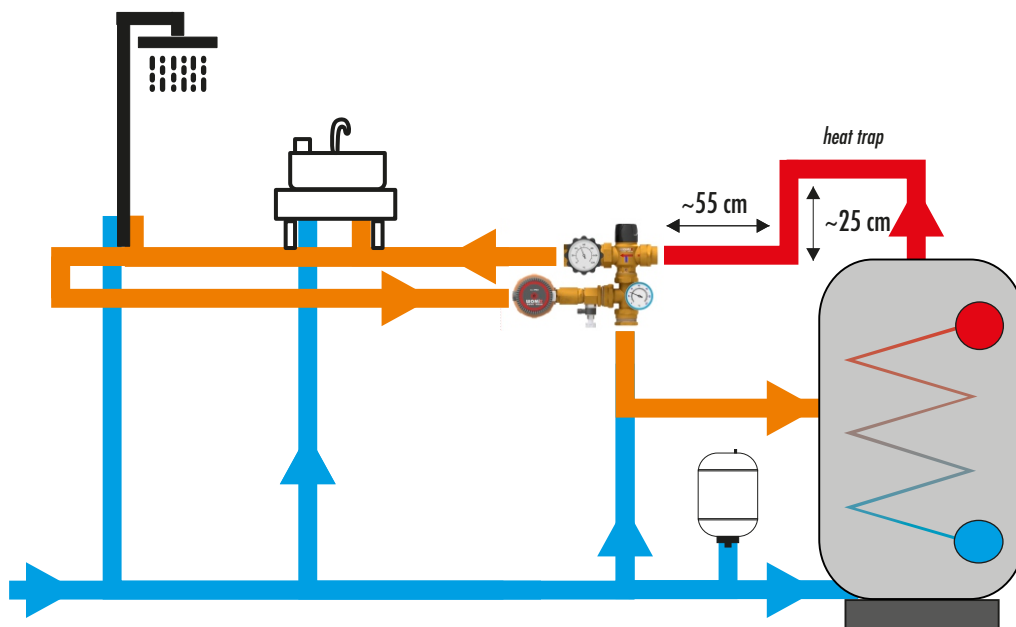
Connection:	3x 3/4" F, 1x 1/2" F
Maximum static pressure:	10 bar
Maximum differential pressure:	5 bar
Min pressure:	0.2 bar
Flow rate:	70 l / min
Recommended working pressure:	1 - 5 bar
recommendation:	for higher pressures it is recommended to install a pressure reducer
Max. hot water temperature:	90 ° C
Adjustable temperature range:	35 - 60 ° C (+/- 2K)
Kvs:	3.4
Pump power:	8W
Pump supply voltage:	single-phase 200-240V 50/60 Hz



## Group assembly

An essential element of the installation of the HW20 pump group is the use of a heat trap at the outlet of the domestic hot water tank. This will allow the MIX THERM mixing valve to be protected against high temperatures, which will consequently extend its service life.

## Connection diagram



*Simplified schematic diagram of the installation - the standard ones were not marked installation elements as well as the boiler room security scheme.*

## Dimensional diagram

